

Exhibit 45

PETITION TO MAKE SPECIAL UNDER ACCELERATED EXAMINATION PROGRAM

Attorney Docket Number	P4313USC1/63266-5138US	First Named Inventor	Steven P. Jobs
Application Number (if Known)			
Title of Invention	Touch Screen Device, Method, and Graphical User Interface for Determining Commands by Applying Heuristics		
APPLICANT HEREBY PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE REVISED ACCELERATED EXAMINATION PROGRAM. See Instruction sheet on page 3.			
1.	<p>Claims of the application:</p> <p>a. The application must contain three (3) or fewer independent claims and twenty (20) or fewer total claims. The application may not contain any multiple dependent claims.</p> <p>b. Applicant hereby agrees not to separately argue the patentability of any dependent claim during any appeal in the application. Specifically, the applicant agrees that the dependent claims will be grouped together with and not argued separately from the independent claim from which they depend in any appeal brief filed in the application (37 CFR 41.37(c)(1)(vii)).</p> <p>c. The claims must be directed to a single invention.</p>		
2.	<p>Interviews:</p> <p>Applicant hereby agrees to have (if requested by examiner):</p> <p>a. An interview (including an interview before a first Office action) to discuss the prior art and any potential rejections or objections with the intention of clarifying and possibly resolving all issues with respect to patentability at that time, and</p> <p>b. A telephonic interview to make an election without traverse if the Office determines that the claims are not obviously directed to a single invention.</p>		
3.	<p>Preexamination Search Statement and Accelerated Examination Support Document:</p> <p>With this petition, applicant is providing: a preexamination search statement, in compliance with the requirements set forth in item 8 of the instruction sheet, and an "accelerated examination support document" that includes:</p> <p>a. An information disclosure statement in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;</p> <p>b. For each reference cited, an identification of all the limitations of the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;</p> <p>c. A detailed explanation of how each of the claims are patentable over the references cited with the particularity required by 37 CFR 1.111(b) and (c);</p> <p>d. A concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);</p> <p>e. An identification of any cited references that may be disqualified as prior art under 35 U.S.C. 103(c) as amended by the CREATE act; and</p> <p>f. A showing of where each limitation of the claims finds support under the first paragraph of 35 U.S.C. 112 in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step-) plus-function claim element that invokes consideration under 35 U.S.C. 112, ¶6; and (2) the structure, material, or acts that correspond to any means- (or step-) plus-function claim element that invokes consideration under 35 U.S.C. 112, ¶6. If the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under the first paragraph of 35 U.S.C. 112 in each such application in which such support exists.</p>		

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This form is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. *If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

PETITION TO MAKE SPECIAL UNDER ACCELERATED EXAMINATION PROGRAM (Continued)			
Attorney Docket Number	P4313USC1/63266-5138US	First Named Inventor	Steven P. Jobs
Attachments:			
a.		Accelerated Examination Support Document (see item 3 above).	
b.		A statement, in compliance with the requirements set forth in item 8 of the instruction sheet, detailing the preexamination search which was conducted.	
c.		Information Disclosure Statement.	
d.	<input type="checkbox"/>	Other (e.g., a statement that the claimed subject matter is directed to environmental quality, energy, or countering terrorism (37 CFR 1.102(c)(2)).	
Fees: The following fees must be filed electronically via EFS or EFS-Web:			
a.	The basic filing fee, search fee, examination fee, and application size fee (if required) under 37 CFR 1.16.		
b.	Petition fee under 37 CFR 1.17(h) - unless the petition is filed with a showing under 37 CFR 1.102(c)(2).		
Signature:			
Click Remove if you wish to remove this signatory			Remove
Signature	/ Robert B. Beyers /	Date	2008-04-11
Name (Print/Typed)	Robert B. Beyers	Registration Number	46552
Click Add if you wish to add additional signatory			Add
<small>Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.</small>			

Instruction Sheet Petition to Make Special Under the Accelerated Examination

A grantable petition must meet the following conditions:

1. The petition to make special under the accelerated examination program must be filed with the application and accompanied by the fee set forth in 37 CFR 1.17(h) or a statement that the claimed subject matter is directed to environmental quality, energy, or countering terrorism.
2. The application must be a non-reissue utility or design application filed under 35 U.S.C. 111(a).
3. The application must be filed **electronically** using the Office electronic filing system (EFS) or EFS-Web.
4. The application must be complete under 37 CFR 1.51 and in condition for examination on filing. For example, the application must be filed together with the basic filing fee, search fee, examination fee, and application size fee (if applicable), and an oath or declaration under 37 CFR 1.63.
5. The application must contain three (3) or fewer independent claims and twenty (20) or fewer total claims. The application may not contain any multiple dependent claims. The petition must include a statement that **applicant will agree not to separately argue the patentability of any dependent claim during any appeal** in the application. Specifically, the applicant is agreeing that the dependent claims will be grouped together with and not argued separately from the independent claim from which they depend in any appeal brief filed in the application (37 CFR 41.37(c)(1)(vii)).
6. The claims must be directed to a **single invention**. The petition must include a statement that applicant will agree to have a telephonic interview to make an election without traverse in a telephonic interview if the Office determines that all the claims are not directed to a single invention.
7. The petition must include a statement that **applicant will agree** to have an interview (including an interview before a first Office action) to discuss the prior art and any potential rejections or objections with the intention of clarifying and possibly resolving all issues with respect to patentability at that time.
8. At the time of filing, applicant must provide a statement that a **preexamination search was conducted**, including an identification of the field of search by United States class and subclass and the date of the search, where applicable, and, for database searches, the search logic or chemical structure or sequence used as a query, the name of the file or files searched and the database service, and the date of the search.
 - a. This preexamination search must involve U.S. patents and patent application publications, foreign patent documents, and nonpatent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated source and includes such a justification with this statement.
 - b. This preexamination search must be directed to the claimed invention and encompass all of the features of the independent claims, giving the claims the broadest reasonable interpretation.
 - c. The preexamination search must also encompass the disclosed features that may be claimed, in that an amendment to the claims (including any new claim) that is not encompassed by the preexamination search will be treated as non-responsive and will not be entered.
 - d. A search report from a foreign patent office will not be accepted unless the search report satisfies the requirements set forth above.
 - e. Any statement in support of a petition to make special must be based on a good faith belief that the preexamination search was conducted in compliance with these requirements. See 37 CFR 1.56 and 10.18.
9. At the time of filing, applicant must provide in support of the petition an **accelerated examination support document that includes:**
 - a. An **information disclosure statement** in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the
 - subject matter of each of the claims;
 - b. For each reference cited, an **identification of all the limitations of the claims** that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;
 - c. A **detailed explanation of how each of the claims are patentable** over the references cited with the particularity required by 37 CFR 1.111(b) and (c);
 - d. A concise **statement of the utility** of the invention as defined in each of the independent claims (unless the application is a design application);
 - e. An identification of any cited references that may be disqualified as prior art under 35 U.S.C. 103(c) as amended by the CREATE act; and
 - f. A **showing of where each limitation of the claims finds support under the first paragraph of 35 U.S.C. 112** in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step-) plus-function claim element that invokes consideration under 35 U.S.C. 112, ¶6; and (2) the structure, material, or acts that correspond to any means- (or step-) plus-function claim element that invokes consideration under 35 U.S.C. 112, ¶6. If the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under the first paragraph of 35 U.S.C. 112 in each such application in which such support exists.

For more information, see notice "Changes to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" available on the USPTO web site at <http://www.uspto.gov/web/office/s/pac/dapp/ogsheet.html>

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Steven P. Jobs et al.	Confirmation No.:	To be assigned
Serial No.:	To be assigned	Art Unit:	To be assigned
Filed:	Concurrently herewith	Examiner:	To be assigned
For:	<i>Touch Screen Device, Method, and Graphical User Interface for Determining Commands by Applying Heuristics</i>	Attorney Docket No.:	P4313USC1/63266-5138-US

Accelerated Examination Support Document

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

This accelerated examination support document is provided in support of the petition for accelerated examination filed herewith.

The Commissioner is hereby authorized to charge any required fee(s) to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 63266-5138-US).

Listing of Claims begins on page 2 of this paper.

References Deemed Most Closely Related are stated on page 9 of this paper.

Identification of Limitations Disclosed by References begins on page 9 of this paper.

Detailed Explanation of Patentability begins on page 65 of this paper.

Concise Statement of Utility begins on page 66 of this paper.

Showing of Support under 35 USC 112, First Paragraph begins on page 67 of this paper.

Identification of References Disqualified as Prior Art under 35 USC 103(c) begins on page 111 of this paper.

Listing of Claims

There are 3 independent claims and 20 total claims currently pending in the application. The claims read as follows:

1. A computing device, comprising:
 - a touch screen display;
 - one or more processors;
 - memory; and
 - one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:
 - instructions for detecting one or more finger contacts with the touch screen display;
 - instructions for applying one or more heuristics to the one or more finger contacts to determine a command for the device; and
 - instructions for processing the command;
 - wherein the one or more heuristics comprise:
 - a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;
 - a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and
 - a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.
2. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame.

3. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining which user interface object is selected when two user interface objects have overlapping hit regions.

4. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

5. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

6. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

7. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.

8. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page of content that includes the frame.

9. The computing device of claim 1, including:

instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch screen display;

instructions for applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and

instructions for processing the first command;

wherein the first set of heuristics comprises:

the vertical screen scrolling heuristic; and

the two-dimensional screen translation heuristic; and

instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;

instructions for applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and

instructions for processing the second command;

wherein the second set of heuristics comprises:

the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and

a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

10. The computing device of claim 9, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

11. A computer-implemented method, comprising:

at a computing device with a touch screen display,

detecting one or more finger contacts with the touch screen display;

applying one or more heuristics to the one or more finger contacts to determine a command for the device; and

processing the command;

wherein the one or more heuristics comprise:

a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;

a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and

a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

12. The computer-implemented method of claim 11, including:

while displaying a web browser application,

detecting one or more first finger contacts with the touch screen display;

applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and

processing the first command;

wherein the first set of heuristics comprises:

the vertical screen scrolling heuristic; and

the two-dimensional screen translation heuristic; and

while displaying a photo album application,

detecting one or more second finger contacts with the touch screen display;

applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and

processing the second command;

wherein the second set of heuristics comprises:

the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and

a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

13. The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

14. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

15. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

16. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

17. A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

detect one or more finger contacts with the touch screen display;

apply one or more heuristics to the one or more finger contacts to

determine a command for the device; and

process the command;

wherein the one or more heuristics comprise:

a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;

a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and

a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

18. The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

while displaying a web browser application,

detect one or more first finger contacts with the touch screen display;

apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and

process the first command;

wherein the first set of heuristics comprises:

the vertical screen scrolling heuristic; and

the two-dimensional screen translation heuristic; and

while displaying a photo album application,

detect one or more second finger contacts with the touch screen display;

apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and

process the second command;

wherein the second set of heuristics comprises:

the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and

a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

19. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially

moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

20. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

References Deemed Most Closely Related:

An Information Disclosure Statement in compliance with 37 CFR 1.98 has been filed herewith citing each of the following references deemed most closely related to the subject matter of the claims.

1. Pallakoff US Patent Application Publication 2005/0012723
2. Zimmerman et al. US Patent 6,690,387
3. Hashimoto et al. US Patent Application Publication 2006/0101354
4. "Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual
5. <http://www.google.com/apis/maps/>

Identification of Limitations Disclosed by References:

The following two charts identify the limitations that are disclosed, in whole or in part, by the references deemed most closely related to the subject matter of the claims.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
1. A computing device, comprising:	Abstract.	Col. 5, lines 12-15, 26-29, and Fig. 2.	Abstract.
a touch screen display;	Paragraphs 0086 and 0109 and Fig. 14-A.	Col. 5, lines 12-15, 26-29, and Fig. 2.	Abstract and Fig. 1.
one or more processors;	Paragraph 0274 and Fig. 24.	Col. 5, lines 12-15, 26-29, and Fig. 2.	Fig. 7.
memory; and	Paragraph 0274 and Fig. 24.	Col. 5, lines 16-19.	Fig. 7.
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:	Paragraph 0274 and Fig. 24.	Col. 5, lines 29-31.	Paragraph 0084.
instructions for detecting one or more finger contacts with the touch screen display;	Paragraph 0120.	Col. 3, lines 15-16.	Paragraph 0087.
instructions for applying one or more heuristics to the one or more finger contacts to determine a command	Pallakoff may use heuristics to translate imprecise finger gestures into commands.	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0089.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
for the device; and	But Pallakoff does not expressly disclose such heuristics.		
instructions for processing the command;	If Pallakoff actually uses heuristics to determine a command, then the processors in paragraph 0274 would process such a command.	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0093.
wherein the one or more heuristics comprise:	--	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	X	<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u>" as required by this claim.</p>	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and</p>	<p>Paragraph 120 states that " one alternative way to allow scrolling of displayed content . . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items when the user really just wanted to move the content."</p> <p>It is not clear from this passage if Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event, Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the</p>	<p style="text-align: center;"> Zimmerman et al. </p>	<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u> " as required by this claim.	X	
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	X	X	Paragraph 0095.
2. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame.	X	X	X
3. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining which user interface object is selected when two user interface objects have overlapping hit regions.	X	X	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>4. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.</p>		<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic in which "a finger swipe gesture <u>that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display</u> corresponds to a one-dimensional vertical screen scrolling command" as required by this claim.</p> <p>Because Zimmerman teaches one-dimensional scrolling, but not two-dimensional screen translation, there is no need (or teaching) in Zimmerman for heuristics that differentiate a finger contact for one-dimensional scrolling from a finger contact for two-dimensional</p>	

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>5. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.</p>	X	<p>screen translation.</p>	<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic in which "a contact comprising a moving finger gesture <u>that initially moves within a predefined range of angles</u> corresponds to the two-dimensional screen translation command" as required by this claim.</p>
<p>6. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-</p>	X	X	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.			
7. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.			
8. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page of content that includes the frame.			
9. The computing device of claim 1, including:	--	--	--
instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch	Paragraph 0060 and Fig. 14-A.		Paragraph 0087.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
screen display;			
instructions for applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	<p>Pallakoff may apply a first set of heuristics for a web browser application to one or more finger contacts to determine a command.</p> <p>But Pallakoff does not expressly disclose applying such a set of heuristics.</p>		Paragraph 0089.
instructions for processing the first command;	<p>If Pallakoff actually applies such a set of heuristics to determine a command, then the processors in paragraph 0274 would process such a command.</p>		Paragraph 0093.
wherein the first set of heuristics comprises:	--	--	--
the vertical screen scrolling heuristic; and		<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond</p>	

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	X	<p>to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u>" as required by this claim.</p> <p>In addition, Zimmerman does not disclose that this heuristic is part of a set of heuristics for a web browser application, as required by this claim.</p>	X
<p>the two-dimensional screen translation heuristic; and</p>	<p>Paragraph 120 states that "one alternative way to allow scrolling of displayed content . . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items</p>	X	<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling</u></p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	<p>when the user really just wanted to move the content."</p> <p>It is not clear from this passage if Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event, Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>		<p><u>command</u>" as required by this claim.</p>
<p>instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;</p>	<p>Paragraph 0002 mentions "photo and video editors."</p> <p>But Pallakoff does not disclose "detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen</p>	<p>Zimmerman discloses "detecting one or more second finger contacts with the touch screen display" at Col. 3, lines 15-16.</p> <p>But Zimmerman does not disclose "detecting one or more second finger contacts with the touch screen display while a photo album</p>	<p>Hashimoto discloses "detecting one or more second finger contacts with the touch screen display" at paragraph 0087.</p> <p>But Hashimoto does not disclose "detecting one or more second finger contacts with the touch</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	display " as required by this claim.	<u>application is displayed</u> on the touch screen display," as required by this claim.	screen display <u>while a photo album application is displayed</u> on the touch screen display," as required by this claim.
instructions for applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	X	X	X
instructions for processing the second command;	X	X	X
wherein the second set of heuristics comprises:	--	--	--
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	X	X	<p>Paragraph 0095 states "Slide Right Advances to next page."</p> <p>But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.</p>
a heuristic for determining that the one or more second finger contacts correspond to a	X	X	Paragraph 0095 states "Slide Left Returns to previous page."

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	X	X	But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.
10. The computing device of claim 9, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	X	X	X
11. A computer-implemented method, comprising:	Abstract.	Abstract.	Abstract.
at a computing device with a touch screen display,	Paragraphs 0086 and 0109 and Fig. 14-A.	Col. 5, lines 26-29, and Fig. 2.	Abstract and Fig. 1.
detecting one or more finger contacts with the touch screen display;	Paragraph 0120.	Col. 3, lines 15-16.	Paragraph 0087
applying one or more heuristics to the one or more finger contacts to determine a command for the device; and	Pallakoff may use heuristics to translate imprecise finger gestures into commands. But Pallakoff does not expressly disclose such	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0089.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
processing the command;	heuristics. If Pallakoff actually uses heuristics to determine a command, then the processors in paragraph 0274 would process such a command.	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0093.
wherein the one or more heuristics comprise:	--	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;		Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1. But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim.	
a two-dimensional screen translation heuristic for determining that the one or more finger	Paragraph 120 states that "one alternative way to allow scrolling of displayed content .		Hashimoto discloses a heuristic for determining that a finger contact

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and</p>	<p>. . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items when the user really just wanted to move the content."</p> <p>It is not clear from this passage if Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event, Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional</u></p>	<p></p>	<p>corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>

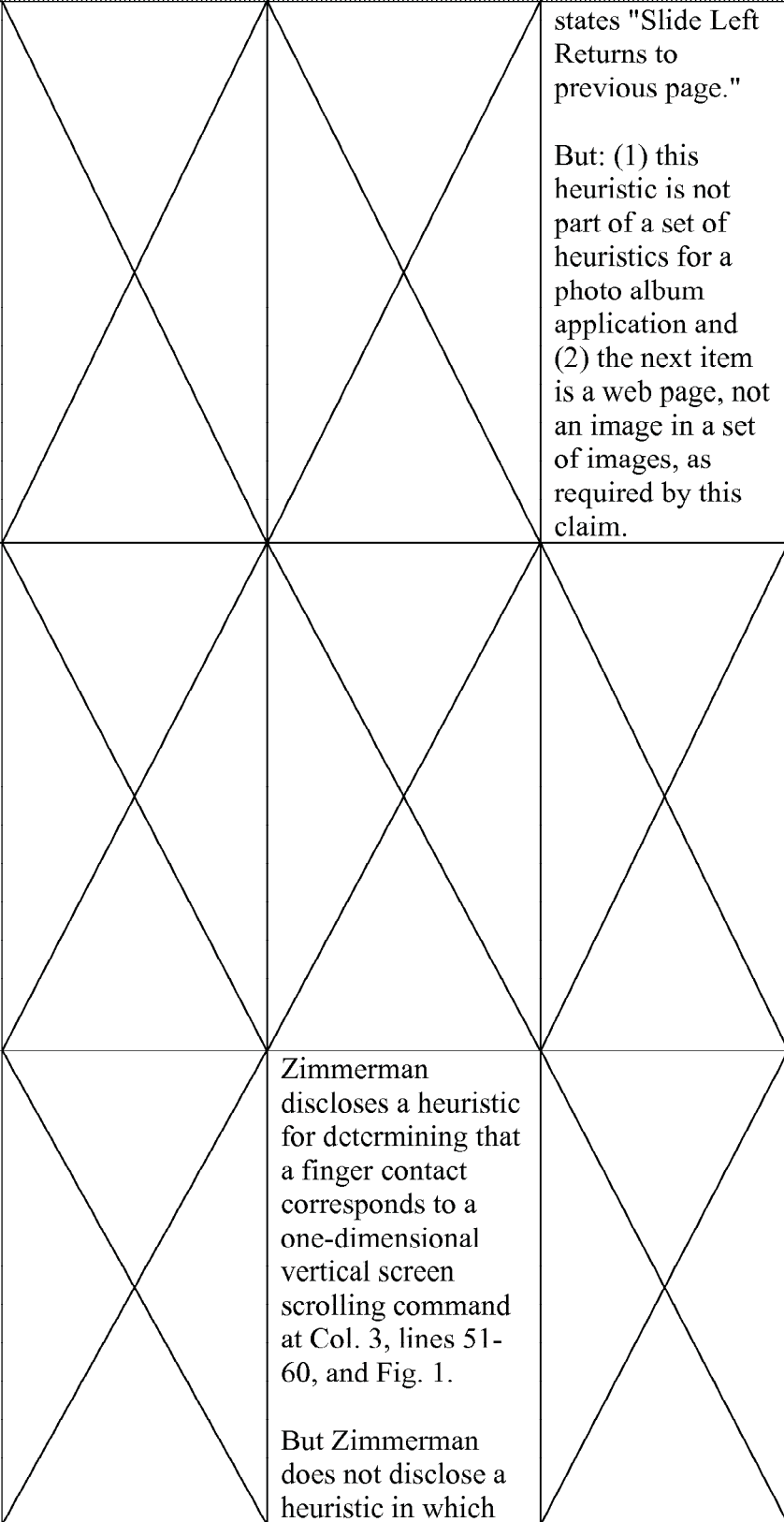
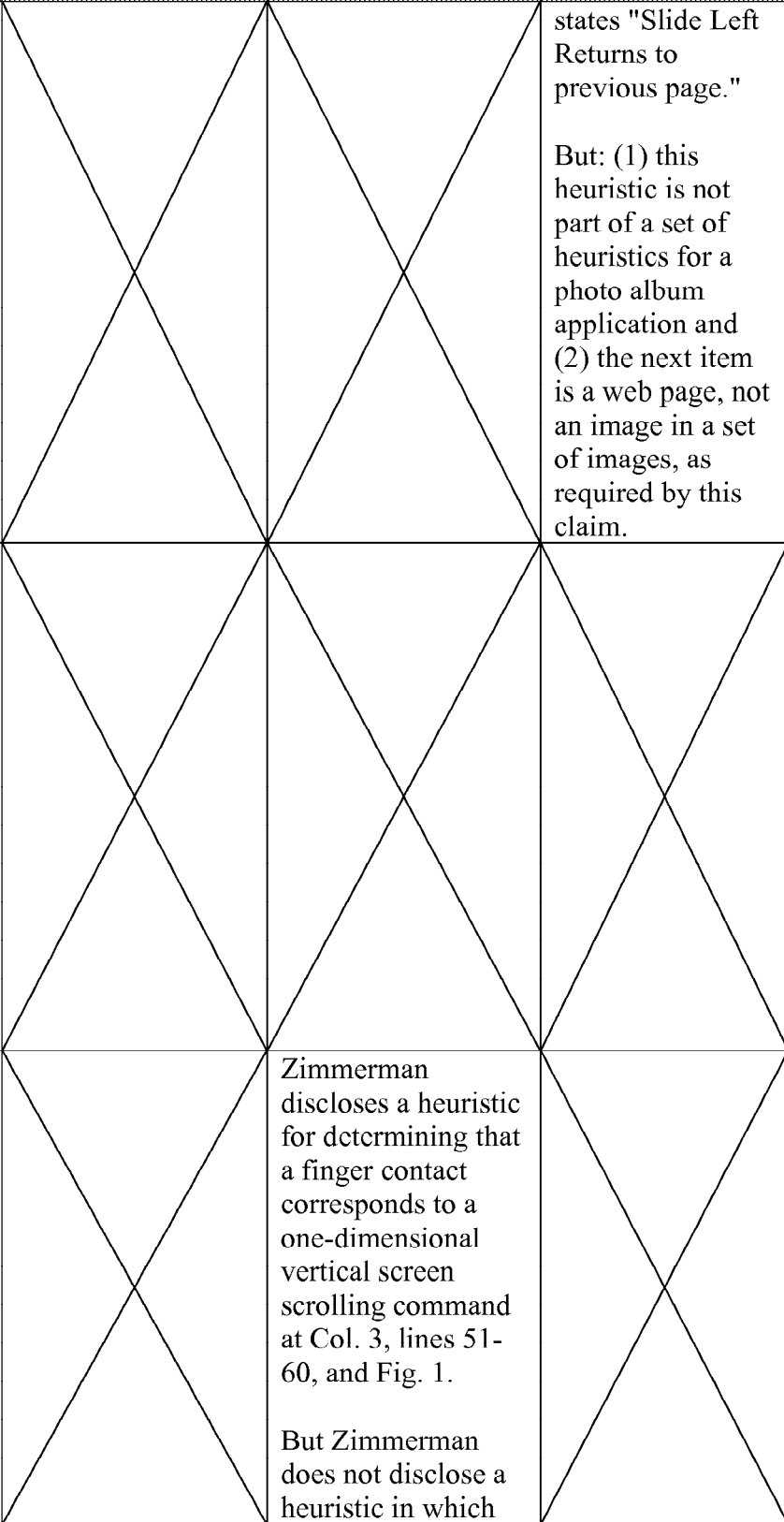
Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	vertical screen scrolling command" as required by this claim.		
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.			Paragraph 0095.
12. The computer-implemented method of claim 11, including:	--	--	--
while displaying a web browser application,	Paragraph 0060 and Fig. 14-A.		Paragraph 0087.
detecting one or more first finger contacts with the touch screen display;	Paragraph 120.	Zimmerman discloses "detecting one or more first finger contacts with the touch screen display" at Col. 3, lines 15-16. But Zimmerman does not disclose "while displaying a web browser application, detecting one or more first finger contacts with the touch screen display," as required by this claim.	Paragraph 0087.
applying a first set of heuristics for the web browser application to the one or more first finger contacts to	Pallakoff may apply a first set of heuristics for a web browser application to one or more		Paragraph 0089.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
determine a first command for the device; and	<p>finger contacts to determine a command.</p> <p>But Pallakoff does not expressly disclose applying such a set of heuristics.</p>	X	
processing the first command;	<p>If Pallakoff actually applies such a set of heuristics to determine a command, then the processors in paragraph 0274 would process such a command.</p>		Paragraph 0093.
wherein the first set of heuristics comprises:	--	--	--
the vertical screen scrolling heuristic; and	X	<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation</u></p>	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	X	<p>command" as required by this claim.</p> <p>In addition, Zimmerman does not disclose that this heuristic is part of a set of heuristics for a web browser application, as required by this claim.</p>	X
<p>the two-dimensional screen translation heuristic; and</p>	<p>Paragraph 120 states that "one alternative way to allow scrolling of displayed content . . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items when the user really just wanted to move the content."</p> <p>It is not clear from this passage if</p>	X	<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	<p>Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event, Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>	X	X
while displaying a photo album application,	<p>Paragraph 0002 mentions "photo and video editors."</p> <p>But Pallakoff does not disclose "while displaying a photo album application, detecting one or more second finger contacts with the touch screen display" as required by this claim.</p>	X	X
detecting one or more second finger contacts with the touch screen display;	<p>Paragraph 0002 mentions "photo and video editors."</p> <p>But Pallakoff does not disclose "while displaying a photo</p>	Zimmerman discloses "detecting one or more second finger contacts with the touch screen display" at Col. 3, lines 15-16.	Hashimoto discloses "detecting one or more second finger contacts with the touch screen display" at

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	album application, detecting one or more second finger contacts with the touch screen display" as required by this claim.	But Zimmerman does not disclose " <u>while displaying a photo album application</u> , detecting one or more second finger contacts with the touch screen display," as required by this claim.	paragraph 0087. But Hashimoto does not disclose " <u>while displaying a photo album application</u> , detecting one or more second finger contacts with the touch screen display," as required by this claim.
applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	X	X	X
processing the second command;	X	X	X
wherein the second set of heuristics comprises:	--	--	--
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	X	X	Paragraph 0095 states "Slide Right Advances to next page." But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.
a heuristic for	X	X	Paragraph 0095

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.		
<p>determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.</p>			<p>states "Slide Left Returns to previous page."</p> <p>But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.</p>		
<p>13. The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.</p>					
<p>14. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the</p>				<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic in which</p>	

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>one-dimensional vertical screen scrolling command.</p>		<p>"a finger swipe gesture <u>that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display</u> corresponds to a one-dimensional vertical screen scrolling command" as required by this claim.</p> <p>Because Zimmerman teaches one-dimensional scrolling, but not two-dimensional screen translation, there is no need (or teaching) in Zimmerman for heuristics that differentiate a finger contact for one-dimensional scrolling from a finger contact for two-dimensional screen translation.</p>	
<p>15. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation</p>			<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
command.	X	X	a heuristic in which "a contact comprising a moving finger gesture <u>that initially moves within a predefined range of angles</u> corresponds to the two-dimensional screen translation command" as required by this claim.
16. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.			X
17. A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	Paragraph 0274, and Fig. 24.	Col. 5, lines 17-21, and 29-31.	
detect one or more	Paragraph 0120.	Col. 3, lines 15-16.	Paragraph 0087.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
finger contacts with the touch screen display;			
apply one or more heuristics to the one or more finger contacts to determine a command for the device; and	<p>Pallakoff may use heuristics to translate imprecise finger gestures into commands.</p> <p>But Pallakoff does not expressly disclose such heuristics.</p>	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0089.
process the command;	If Pallakoff actually uses heuristics to determine a command, then the processors in paragraph 0274 would process such a command.	Col. 3, line 12 – Col. 4, line 9, and Fig. 1.	Paragraph 0093.
wherein the one or more heuristics comprise:	--	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	X	<p>Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling</p>	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	X	command <u>rather than a two-dimensional screen translation command</u> " as required by this claim.	X
<p>a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and</p>	<p>Paragraph 120 states that "one alternative way to allow scrolling of displayed content . . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items when the user really just wanted to move the content."</p> <p>It is not clear from this passage if Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event,</p>	X	<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u> " as required by this claim.		
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.			Paragraph 0095.
18. The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	Paragraph 0274, and Fig. 24.	Col. 5, lines 17-21, and 29-31.	Fig. 7.
while displaying a web browser application,	Paragraph 0060 and Fig. 14-A.		Paragraph 0087.
detect one or more first finger contacts with the touch screen display;	Paragraph 120.	Zimmerman discloses "detecting one or more first finger contacts with	Paragraph 0087.

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
		<p>the touch screen display" at Col. 3, lines 15-16.</p> <p>But Zimmerman does not disclose "while displaying a web browser application, detecting one or more first finger contacts with the touch screen display," as required by this claim.</p>	
<p>apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and</p>	<p>Pallakoff may apply a first set of heuristics for a web browser application to one or more finger contacts to determine a command.</p> <p>But Pallakoff does not expressly disclose applying such a set of heuristics.</p>	X	Paragraph 0089.
<p>process the first command;</p>	<p>If Pallakoff actually applies such a set of heuristics to determine a command, then the processors in paragraph 0274 would process such a command.</p>	X	Paragraph 0093.
<p>wherein the first set of heuristics comprises:</p>	--	--	--
<p>the vertical screen scrolling heuristic; and</p>	X	<p>Zimmerman discloses a heuristic for determining that a finger contact</p>	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
		<p>corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic "for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u>" as required by this claim.</p> <p>In addition, Zimmerman does not disclose that this heuristic is part of a set of heuristics for a web browser application, as required by this claim.</p>	
<p>the two-dimensional screen translation heuristic; and</p>	<p>Paragraph 120 states that "one alternative way to allow scrolling of displayed content . . . is to let the user move the content around simply by touching a point on the touch screen over any part of the displayed content</p>		<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation command at paragraph 0097.</p> <p>But Hashimoto</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
	<p>that is not a link, button, or other selectable item, and then dragging their finger as though they are dragging the content around within the frame. However, that can lead to users accidentally clicking on selectable items when the user really just wanted to move the content."</p> <p>It is not clear from this passage if Pallakoff is using a "heuristic" as required by this claim.</p> <p>But, in any event, Pallakoff does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>		<p>does not disclose a heuristic "for determining that the one or more finger contacts correspond to the two-dimensional screen translation command <u>rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim.</p>
while displaying a photo album	Paragraph 0002 mentions "photo		

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
application,	and video editors." But Pallakoff does not disclose "while displaying a photo album application, detecting one or more second finger contacts with the touch screen display" as required by this claim.		
detect one or more second finger contacts with the touch screen display;	Paragraph 0002 mentions "photo and video editors." But Pallakoff does not disclose "while displaying a photo album application, detecting one or more second finger contacts with the touch screen display" as required by this claim.	Zimmerman discloses "detecting one or more second finger contacts with the touch screen display" at Col. 3, lines 15-16. But Zimmerman does not disclose "while displaying a photo album application, detecting one or more second finger contacts with the touch screen display," as required by this claim.	Hashimoto discloses "detecting one or more second finger contacts with the touch screen display" at paragraph 0087. But Hashimoto does not disclose "while displaying a photo album application, detecting one or more second finger contacts with the touch screen display," as required by this claim.
apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and			
process the second command;			
wherein the second set	--	--	--

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
of heuristics comprises:			
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	X	X	<p>Paragraph 0095 states "Slide Right Advances to next page."</p> <p>But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.</p>
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	X	X	<p>Paragraph 0095 states "Slide Left Returns to previous page."</p> <p>But: (1) this heuristic is not part of a set of heuristics for a photo album application and (2) the next item is a web page, not an image in a set of images, as required by this claim.</p>
19. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves	X	Zimmerman discloses a heuristic for determining that a finger contact corresponds to a one-dimensional vertical screen scrolling command at Col. 3, lines 51-	X

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
<p>within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.</p>		<p>60, and Fig. 1.</p> <p>But Zimmerman does not disclose a heuristic in which "a finger swipe gesture <u>that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display</u> corresponds to a one-dimensional vertical screen scrolling command" as required by this claim.</p> <p>Because Zimmerman teaches one-dimensional scrolling, but not two-dimensional screen translation, there is no need (or teaching) in Zimmerman for heuristics that differentiate a finger contact for one-dimensional scrolling from a finger contact for two-dimensional screen translation.</p>	
<p>20. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture</p>			<p>Hashimoto discloses a heuristic for determining that a finger contact corresponds to a two-dimensional screen translation</p>

Claim Language	Pallakoff	Zimmerman et al.	Hashimoto et al.
that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.			<p>command at paragraph 0097.</p> <p>But Hashimoto does not disclose a heuristic in which "a contact comprising a moving finger gesture <u>that initially moves within a predefined range of angles</u> corresponds to the two-dimensional screen translation command" as required by this claim.</p>

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
1. A computing device, comprising:	p. 6, Figure	
a touch screen display;	p. 378 states "Touch-sensitive LCD screen (includes stylus)"	
one or more processors;	p. 378 states "Intel XScale™ processor, 312 MHz"	
memory; and	p. 171, step 5	
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:	p. 379 lists "Included software"	http://www.google.com/apis/maps/ is accessed by a browser program.

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
instructions for detecting one or more finger contacts with the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.</p>	X
instructions for applying one or more heuristics to the one or more finger contacts to determine a command for the device; and	<p>The Treo 700 may use heuristics to translate imprecise finger gestures into commands.</p> <p>But the user guide does not expressly disclose such heuristics.</p>	X
instructions for processing the command;	<p>If the Treo 700 actually uses finger-contact heuristics to determine a command for a web browser application, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.</p>	X
wherein the one or more heuristics comprise:	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	<p>p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down."</p> <p>But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional</u></p>	X

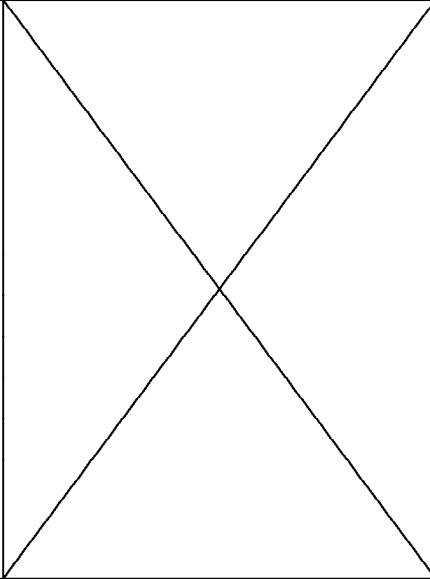
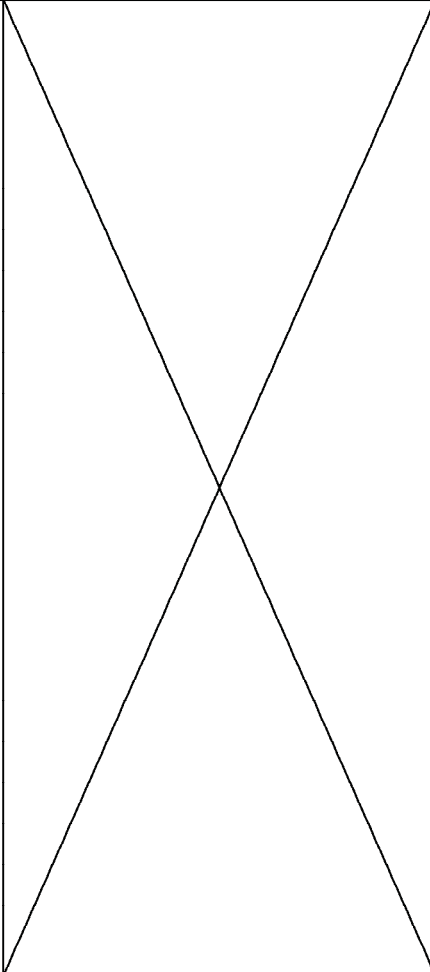
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	<p><u>screen translation command</u> " as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.</p>	X
<p>a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and</p>	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically, horizontally, or to <u>alternate</u> between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).</p>	X
<p>a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from</p>	<p>p. 193 states "4. Press Right or Left to scroll to the next item in the album."</p> <p>But the Treo 700 does not have "a next item <u>heuristic</u> for</p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
displaying a respective item in a set of items to displaying a next item in the set of items.	determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.	X
2. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame.	X	<p>http://www.google.com/apis/maps/ is a web page that includes a frame with map content. The map content within the frame may be translated, without translating the entire page, by mouse clicking and dragging a cursor within the frame. Alternatively, the entire page may be translated by mouse clicking and dragging on a scroll bar for the entire page.</p> <p>But prior art devices displaying this web page do not include "a <u>heuristic for determining that the one or more <u>finger contacts</u> correspond to a command to <u>translate content within a frame rather than translating an entire page that includes the frame,</u>" as required by this claim.</u></p>
3. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining which user interface object is selected when two user interface objects have overlapping hit	X	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
regions.		
4. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.		
5. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.		
6. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal		

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	X	X
7. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.	X	X
8. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page of content that includes the frame.	X	<p>http://www.google.com/apis/maps/ is a web page that includes a frame with map content. The map content within the frame may be translated, without translating the entire page, by mouse clicking and dragging a cursor within the frame. Alternatively, the entire page may be translated by mouse clicking and dragging on a scroll bar for the entire page.</p> <p>But prior art devices displaying this web page do not include "<u>in one heuristic . . . an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to</u></p>

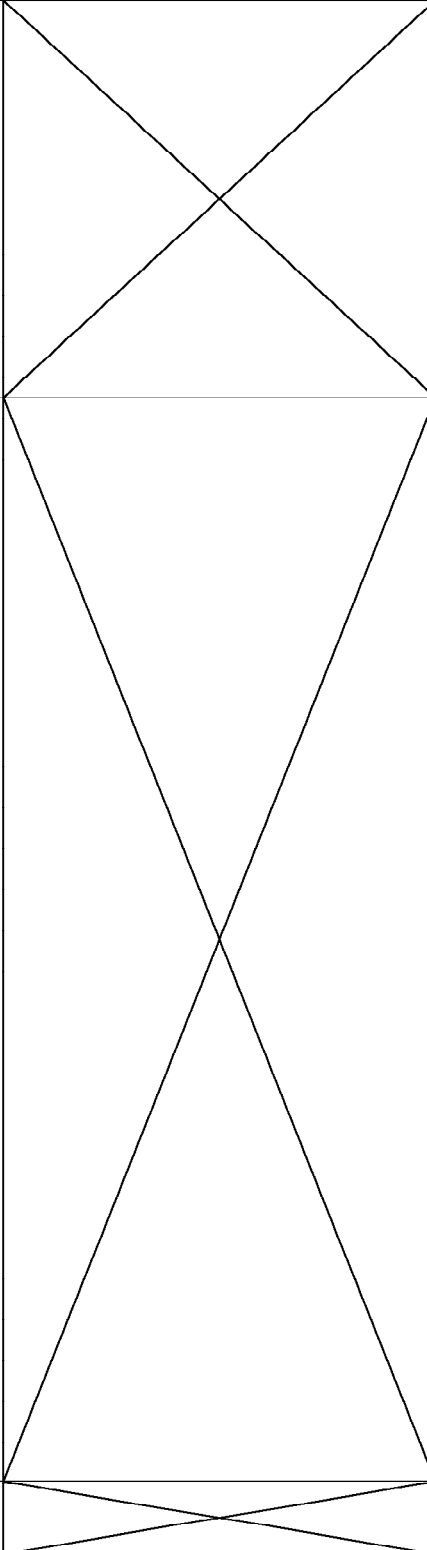
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	X	<u>translate content within a frame rather than translating the entire page of content that includes the frame,</u> " as required by this claim.
9. The computing device of claim 1, including:	--	--
instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.</p> <p>p. 160 states "Viewing a Web Page."</p>	X
instructions for applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	<p>The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a web browser application.</p> <p>But the user guide does not expressly disclose such heuristics.</p>	X
instructions for processing the first command;	<p>If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.</p>	X
wherein the first set of heuristics comprises:	--	--
the vertical screen scrolling heuristic; and	<p>p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down."</p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	<p>But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.</p>	
<p>the two-dimensional screen translation heuristic; and</p>	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically, horizontally, or to <u>alternate</u> between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen</p>	

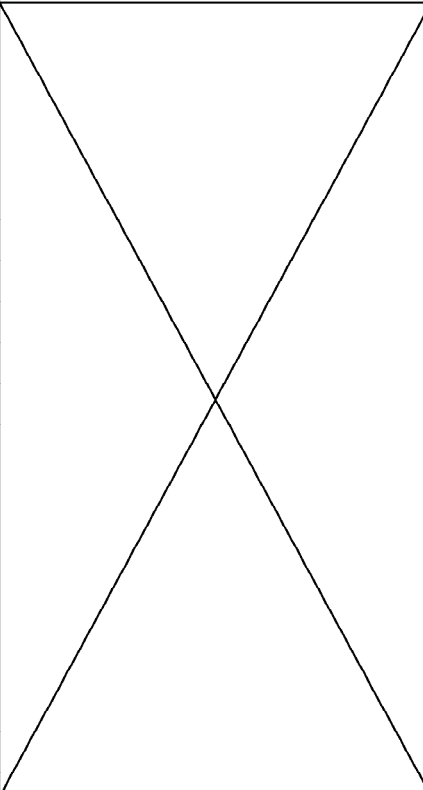
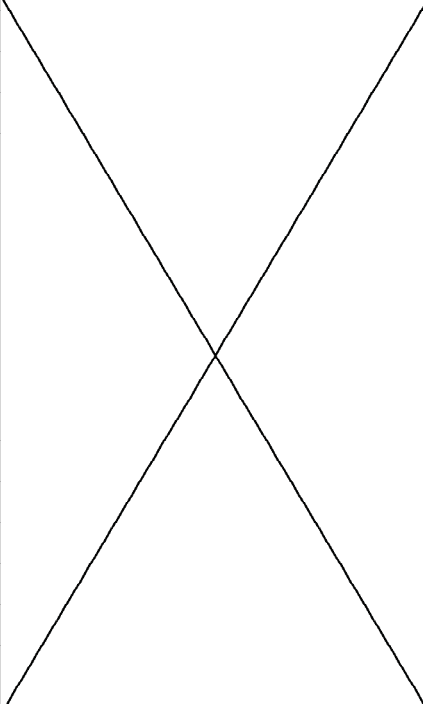
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).	X
instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.</p> <p>p. 193 states "Viewing Pictures and Videos."</p>	X
instructions for applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	<p>The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a photo album application.</p> <p>But the user guide does not expressly disclose such heuristics.</p>	X
instructions for processing the second command;	If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.	X
wherein the second set of heuristics comprises:	--	--
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	<p>p. 193 states "4. Press Right or Left to scroll to the next item in the album."</p> <p>But the Treo 700 does not have "a next item <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim.</p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.	X
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	<p>p. 193 states "4. Press Right or Left to scroll to the next item in the album."</p> <p>But the Treo 700 does not have "a <u>heuristic</u> for determining that the one or more second <u>finger contacts</u> correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a previous item.</p>	
10. The computing device of claim 9, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a <u>heuristic</u> for determining that the one or more first <u>finger contacts</u> correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll horizontally.</p>	
11. A computer-	p. 6, Figure	http://www.google.com/apis/m

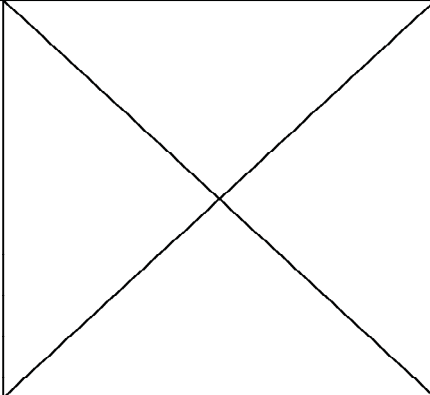
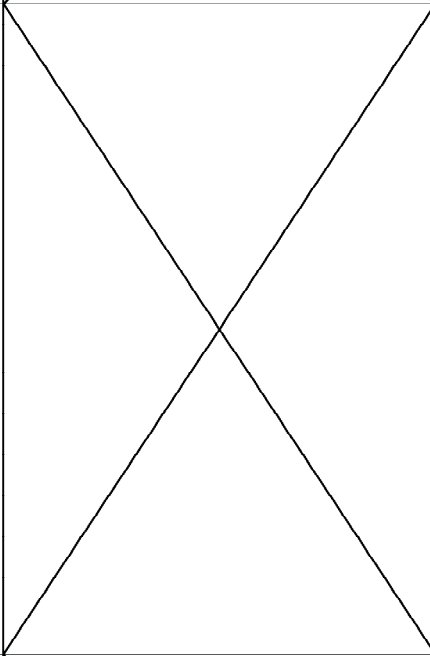
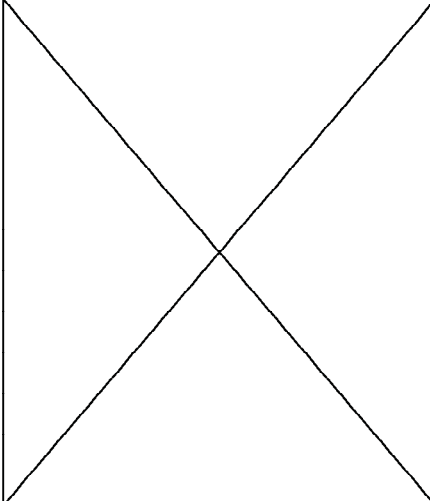
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
implemented method, comprising:		aps/ is accessed by a browser program.
at a computing device with a touch screen display,	p. 6, Figure; p. 378 states "Touch-sensitive LCD screen (includes stylus)"	X
detecting one or more finger contacts with the touch screen display;	p. 378 states "Touch-sensitive LCD screen (includes stylus)" The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.	
applying one or more heuristics to the one or more finger contacts to determine a command for the device; and	The Treo 700 may use heuristics to translate imprecise finger gestures into commands. But the user guide does not expressly disclose such heuristics.	X
processing the command;	If the Treo 700 actually uses finger-contact heuristics to determine a command for a web browser application, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.	
wherein the one or more heuristics comprise:	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down." But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	<p>correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.</p>	
<p>a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and</p>	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically, horizontally, or to <u>alternate</u> between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).</p>	
<p>a next item heuristic for determining that</p>	<p>p. 193 states "4. Press Right or Left to scroll to the next</p>	

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	<p>item in the album."</p> <p>But the Treo 700 does not have "a next item <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.</p>	X
12. The computer-implemented method of claim 11, including:	--	--
while displaying a web browser application,	p. 160 states "Viewing a Web Page."	http://www.google.com/apis/maps/ is displayed by a browser program.
detecting one or more first finger contacts with the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.</p>	X
applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	<p>The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a web browser application.</p> <p>But the user guide does not expressly disclose such heuristics.</p>	X
processing the first command;	If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.	X
wherein the first set of	--	--

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
<p>heuristics comprises: the vertical screen scrolling heuristic; and</p>	<p>p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down."</p> <p>But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.</p>	
<p>the two-dimensional screen translation heuristic; and</p>	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command</u> rather than the <u>one-dimensional vertical screen scrolling command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll</p>	

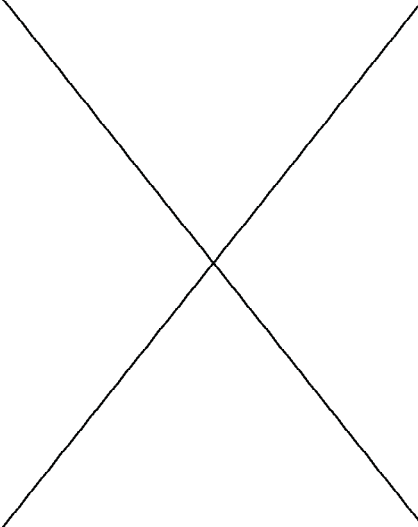
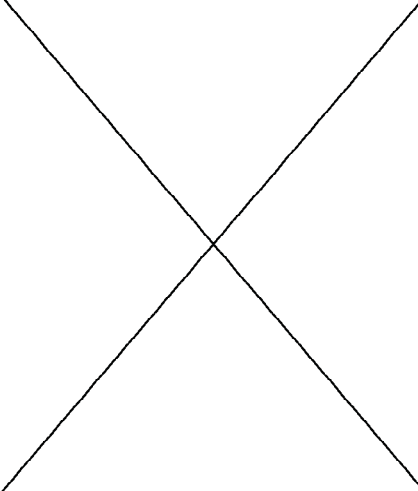
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	vertically, horizontally, or to alternate between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).	X
while displaying a photo album application,	p. 193 states "Viewing Pictures and Videos."	X
detecting one or more second finger contacts with the touch screen display;	p. 378 states "Touch-sensitive LCD screen (includes stylus)" The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.	X
applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a photo album application. But the user guide does not expressly disclose such heuristics.	X
processing the second command;	If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.	X
wherein the second set of heuristics comprises:	--	--
the next item heuristic, wherein the respective item in the set of items	p. 193 states "4. Press Right or Left to scroll to the next item in the album."	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
<p>is a respective image in a set of images; and</p>	<p>But the Treo 700 does not have "a next item <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.</p>	
<p>a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.</p>	<p>p. 193 states "4. Press Right or Left to scroll to the next item in the album."</p> <p>But the Treo 700 does not have "a <u>heuristic</u> for determining that the one or more second <u>finger contacts</u> correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a previous item.</p>	
<p>13. The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen</p>	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left, or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a <u>heuristic</u> for determining that the one or more first <u>finger contacts</u> correspond to a one-dimensional horizontal screen scrolling command <u>rather than the two-dimensional screen translation command</u> "</p>	

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
translation command.	as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll horizontally.	X
14. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.	X	X
15. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.	X	X
16. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a	X	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	X	X
17. A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	p. 171, step 5; p. 379 lists "Included software"	http://www.google.com/apis/maps/ is accessed by a browser program which may be stored in a computer readable storage medium.
detect one or more finger contacts with the touch screen display;	p. 378 states "Touch-sensitive LCD screen (includes stylus)" The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.	X
apply one or more heuristics to the one or more finger contacts to determine a command for the device; and	The Treo 700 may use heuristics to translate imprecise finger gestures into commands. But the user guide does not expressly disclose such heuristics.	X
process the command;	If the Treo 700 actually uses finger-contact heuristics to determine a command for a web browser application, then the "Intel XScale™	X

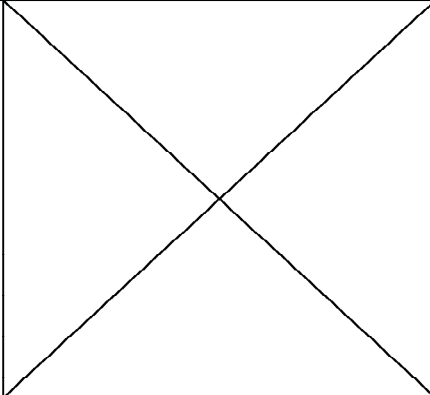
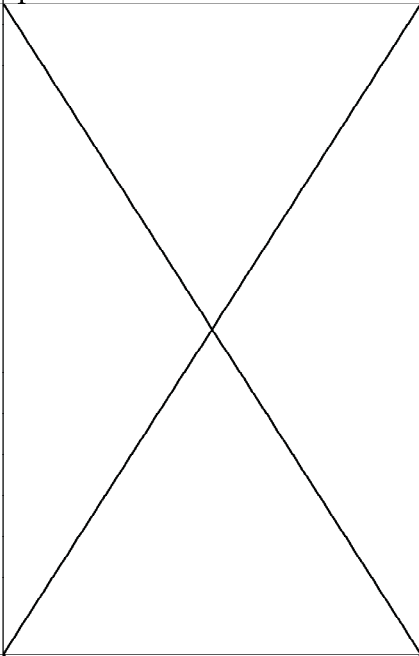
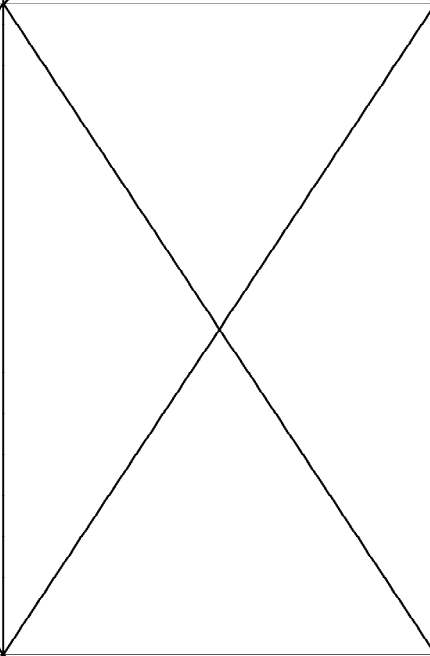
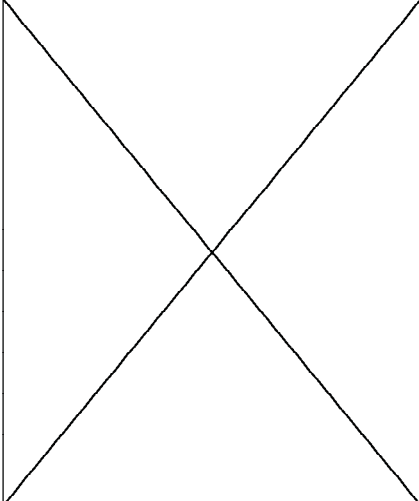
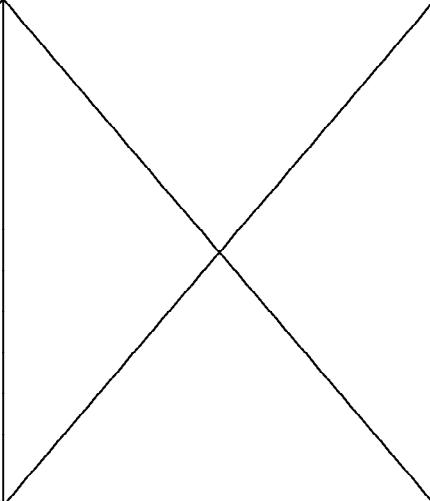
Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	processor, 312 MHz" (p. 378) would process such a command.	X
wherein the one or more heuristics comprise:	--	--
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	<p>p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down."</p> <p>But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.</p>	X
a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left, or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command</u> rather than the <u>one-dimensional vertical screen scrolling</u></p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	<p><u>command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically, horizontally, or to <u>alternate</u> between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).</p>	
<p>a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.</p>	<p>p. 193 states "4. Press Right or Left to scroll to the next item in the album."</p> <p>But the Treo 700 does not have "a next item <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.</p>	
<p>18. The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:</p>	<p>p. 171, step 5; p. 379 lists "Included software"</p>	<p>http://www.google.com/apis/maps/ is accessed by a browser program which may be stored in a computer readable storage medium.</p>
<p>while displaying a web browser application,</p>	<p>p. 160 states "Viewing a Web Page."</p>	<p>http://www.google.com/apis/maps/ is displayed by a browser program.</p>

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
detect one or more first finger contacts with the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons and a stylus, and works only imprecisely in response to finger contacts.</p>	X
apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	<p>The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a web browser application.</p> <p>But the user guide does not expressly disclose such heuristics.</p>	X
process the first command;	<p>If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.</p>	X
wherein the first set of heuristics comprises:	--	--
the vertical screen scrolling heuristic; and	<p>p. 161 states "Scroll through the page: In Optimized Mode (the default format, which is optimized for your device screen), press Up or Down."</p> <p>But the Treo 700 does not have "a vertical screen scrolling <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a one-dimensional vertical screen scrolling command <u>rather than a two-dimensional screen translation command</u> " as required by this claim.</p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically.	X
the two-dimensional screen translation heuristic; and	<p>p. 161 states "In Wide Page Mode, press Up , Down , Left , or Right to scroll in all directions."</p> <p>But the Treo 700 does not have "a two-dimensional screen translation <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to the <u>two-dimensional screen translation command</u> rather than the <u>one-dimensional vertical screen scrolling command</u>" as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button (i.e., a 5-way toggle button) to scroll vertically, horizontally, or to <u>alternate</u> between vertical and horizontal scrolling so that all of a Web page may be viewed. The Treo 700 does not provide for two-dimensional screen translation (i.e., <u>simultaneous</u> vertical and horizontal screen translation).</p>	X
while displaying a photo album application,	p. 193 states "Viewing Pictures and Videos."	X
detect one or more second finger contacts with the touch screen display;	<p>p. 378 states "Touch-sensitive LCD screen (includes stylus)"</p> <p>The Treo 700 is designed to work with physical buttons</p>	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
	and a stylus, and works only imprecisely in response to finger contacts.	X
apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	The Treo 700 may use heuristics to translate imprecise finger gestures into commands for a photo album application. But the user guide does not expressly disclose such heuristics.	X
process the second command;	If the Treo 700 actually uses finger-contact heuristics to determine a command, then the "Intel XScale™ processor, 312 MHz" (p. 378) would process such a command.	X
wherein the second set of heuristics comprises:	--	--
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	p. 193 states "4. Press Right or Left to scroll to the next item in the album." But the Treo 700 does not have "a next item <u>heuristic</u> for determining that the one or more <u>finger contacts</u> correspond to a command," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a next item.	X
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the	p. 193 states "4. Press Right or Left to scroll to the next item in the album." But the Treo 700 does not have "a <u>heuristic</u> for determining that the one or	X

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/maps/
<p>respective image in the set of images to displaying a previous image in the set of images.</p>	<p>more second <u>finger contacts</u> correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images," as required by this claim. Rather, the Treo 700 uses a deterministic push of a physical button to go to a previous item.</p>	
<p>19. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.</p>		
<p>20. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation</p>		

Claim Language	"Sprint Power Vision Smart Device Treo™ 700 by Palm" user manual	http://www.google.com/apis/ maps/
command.		

Detailed Explanation of Patentability:

35 U.S.C. § 102

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." MPEP § 2131 citing *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). . . . "The identical invention must be shown in as complete detail as is contained in the ... claim." MPEP § 2131 citing *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989).

All of claims 1-20 include the "vertical screen scrolling heuristic" element:

“a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command” (Independent claims 1, 11, and 17).

As shown in the two charts in the preceding section, the references deemed most closely related to the subject matter of the claims do not teach or suggest this claim element, either expressly or inherently.

Similarly, all of claims 1-20 include the "two-dimensional screen translation heuristic" element:

“a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command” (Independent claims 1, 11, and 17).

As shown in the two charts in the preceding section, the references deemed most closely related to the subject matter of the claims do not teach or suggest this claim element, either expressly or inherently.

In addition, as shown in the two charts in the preceding section, the references deemed most closely related to the subject matter of the claims do not teach or suggest at least one of the claim elements added in each of dependent claims 2-10, 12-16, and 18-20, either expressly or inherently. For example, as shown in the two charts in the preceding section for dependent claim 2, the references deemed most closely related to the subject matter of the claims do not teach or suggest the claim element added in dependent claim 2 (i.e., the added claim element "wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame."), either expressly or inherently.

Thus, at least two elements in each of independent claims 1, 11, and 17 and at least three elements in each of dependent claims 2-10, 12-16, and 18-20 are not taught or suggested by the references deemed most closely related.

Applicants respectfully submit that for at least the reasons set forth above, the references deemed most closely related to the subject matter of the claims do not anticipate any of claims 1-20 of the above captioned patent application under 35 U.S.C. § 102(a)-(g) at least because none of these references discloses each and every limitation of any of claims 1-20. MPEP §2131.

35 U.S.C. § 103(a)

One of the criteria required to establish a prima facie case of obviousness is that the prior art must teach or suggest all the claim limitations. MPEP §2143.

Applicants respectfully submit that the references deemed most closely related to the subject matter of the claims, either standing alone or in combination, do not render claims 1-20 of the above-captioned patent application obvious under 35 U.S.C. § 103(a) because, as explained in the two charts above, at least two elements in each of independent claims 1, 11, and 17 and at least three elements in each of dependent claims 2-10, 12-16, and 18-20 are not taught or suggested by any of the references deemed most closely related to the subject matter of the claims. MPEP §2143.

Concise Statement of Utility:

The invention as claimed in independent claims 1, 11, and 17 has utility at least because it translates imprecise finger gestures into precise, user-intended commands, thereby enabling electronic devices with touch screen displays to behave in a manner desired by the user despite inaccurate input by the user.

Showing of Support under 35 USC 112, First Paragraph:

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. <u>11/850,635</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/937,991</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/937,993</u> , to which the above captioned application claims benefit
1. A computing device, comprising: a touch screen display;	At least paragraph 0095; and Figures 1A-1B. At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0095; and Figures 1A-1B. At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0094; and Figures 1A-1B. At least paragraph 0094; and Figures 1A-1B.	At least paragraph 0084; and Figures 1A-1B. At least paragraph 0084; and Figures 1A-1B.
one or more processors;	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0094; and Figures 1A-1B.	At least paragraph 0084; and Figures 1A-1B.
memory; and	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0094; and Figures 1A-1B.	At least paragraph 0084; and Figures 1A-1B.
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:	At least paragraph 0115; and Figures 1A-1B.	At least paragraph 0115; and Figures 1A-1B.	At least paragraph 0114; and Figures 1A-1B.	At least paragraph 0104; and Figures 1A-1B.
instructions for detecting one or more finger contacts with the touch screen	At least paragraphs 0011, 0012, 0830, and 0861; and Figures	At least paragraphs 0011, 0012, 0830, and 0861; and Figures 64A-	At least paragraphs 0011, 0012, 0796, and 0827; and Figures 64A-	At least paragraph 0819; claim 171; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
display;	64A-64B.	64B.	64B.	
instructions for applying one or more heuristics to the one or more finger contacts to determine a command for the device; and	At least paragraphs 0011, 0012, 0831, and 0862; and Figures 64A-64B.	At least paragraphs 0011, 0012, 0831, and 0862; and Figures 64A-64B.	At least paragraphs 0011, 0012, 0797, and 0828; and Figures 64A-64B.	At least paragraph 0820; claim 171; and Figure 39C.
instructions for processing the command;	At least paragraphs 0011, 0012, and 0831; and Figures 64A-64B.	At least paragraphs 0011, 0012, and 0831; and Figures 64A-64B.	At least paragraphs 0011, 0012, and 0797; and Figures 64A-64B.	At least paragraph 0820; claim 171; and Figure 39C.
wherein the one or more heuristics comprise:	At least paragraphs 0011, 0012, and 0832; and Figures 64A-64B.	At least paragraphs 0011, 0012, and 0832; and Figures 64A-64B.	At least paragraphs 0011, 0012, and 0798; and Figures 64A-64B.	At least paragraph 0821; claim 171; and Figure 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0011, 0012, 0445, 0446, 0832, and 0862; and Figures 39C, 64A, and 64B.	At least paragraphs 0011, 0012, 0445, 0446, 0832, and 0862; and Figures 39C, 64A, and 64B.	At least paragraphs 0011, 0012, 0432, 0433, 0798, 0813, 0814, and 0828; and Figures 39C and 64A-64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 171; and Figure 39C.
a two-dimensional screen translation heuristic for	At least paragraphs 0011, 0012, 0445,	At least paragraphs 0011, 0012, 0445,	At least paragraphs 0011, 0012, 0432,	At least paragraphs 0434, 0435, 0821, 836,

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and	0446, 0832, and 0862; and Figures 39C, 64A, and 64B.	0446, 0832, and 0862; and Figures 39C, 64A, and 64B.	0433, 0798, 0813, 0814, and 0828; and Figures 39C, 64A, and 64B.	and 837; claim 171; and Figure 39C.
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	At least paragraphs 0011, 0012, and 0832; and Figures 16A, 24A, 64A, and 64B.	At least paragraphs 0011, 0012, and 0832; and Figures 16A, 24A, 64A, and 64B.	At least paragraphs 0011, 0012, and 0798; and Figures 16A, 24A, and 64A, and 64B.	At least paragraph 0821; claim 171; and Figures 16A and 24A.
2. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate	At least paragraphs 0843, 0856, and 0868; and Figures 42A-42C.	At least paragraphs 0843, 0856, and 0868; and Figures 42A-42C.	At least paragraphs 0809, 0822, and 0834; and Figures 42A-42C.	At least paragraphs 0832 and 0845; and Figures 42A-42C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
content within a frame rather than translating an entire page that includes the frame.				
3. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining which user interface object is selected when two user interface objects have overlapping hit regions.	At least paragraph 0846; and Figures 58A-58D.	At least paragraph 0846; and Figures 58A-58D.	At least paragraph 0812; and Figures 58A-58D.	At least paragraph 0835; and Figures 58A-58D.
4. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 0432 and 0813; and Figure 39C.	At least paragraphs 0434 and 0836; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
scrolling command.				
5. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.	At least paragraphs 0446 and 0848; and Figure 39C.	At least paragraphs 0446 and 0848; and Figure 39C.	At least paragraphs 0433 and 0814; and Figure 39C.	At least paragraphs 0435 and 0837; and Figure 39C.
6. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command	At least paragraphs 0012, 0016, 0531, and 0862; and Figures 39G, and 64B.	At least paragraphs 0012, 0016, 0531, and 0862; and Figures 39G, and 64B.	At least paragraphs 0012, 0016, 0531, 0815, and 0828; and Figures 39G, and 64B.	At least paragraphs 0825, 837, and 838; and Figure 39G.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
rather than the two-dimensional screen translation command.				
7. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.	At least paragraph 0853; and Figures 57A-57C.	At least paragraph 0853; and Figures 57A-57C.	At least paragraph 0819; and Figures 57A-57C.	At least paragraph 0842; and Figures 57A-57C.
8. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page	At least paragraph 0856; and Figures 42A-42C.	At least paragraph 0856; and Figures 42A-42C.	At least paragraph 0822; and Figures 42A-42C.	At least paragraph 0845; and Figures 42A-42C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
of content that includes the frame.				
9. The computing device of claim 1, including:	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0095; and Figures 1A-1B.	At least paragraph 0094; and Figures 1A-1B.	At least paragraph 0084; and Figures 1A-1B.
instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch screen display;	At least paragraphs 0012, 0860, and 0861; and Figure 64B.	At least paragraphs 0012, 0860, and 0861; and Figure 64B.	At least paragraphs 0012, 0826, and 0827; and Figure 64B.	At least paragraph 0819; and Figures 39A-39D.
instructions for applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	At least paragraphs 0012 and 0862; and Figure 64B.	At least paragraphs 0012 and 0862; and Figure 64B.	At least paragraphs 0012 and 0828; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.
instructions for processing the first command;	At least paragraphs 0012 and 0863; and Figure 64B.	At least paragraphs 0012 and 0863; and Figure 64B.	At least paragraphs 0012 and 0829; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.
wherein the first set of heuristics comprises:	At least paragraphs 0012 and 0862; and	At least paragraphs 0012 and 0862; and	At least paragraphs 0012 and 0828; and	At least paragraph 0821; and Figures 39A-

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
	Figure 64B.	Figure 64B.	Figure 64B.	39D.
the vertical screen scrolling heuristic; and	At least paragraphs 0012, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0012, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0012, 0432, 0433, 0798, 0813, 0814, and 0828; and Figures 39C and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 171; and Figure 39C.
the two-dimensional screen translation heuristic; and	At least paragraphs 0012, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0012, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0012, 0432, 0433, 0798, 0813, 0814, and 0828; and Figures 39C and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 171; and Figure 39C.
instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;	At least paragraphs 0012 and 0870; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0870; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0836; and Figures 12A, 16A, and 64B.	At least paragraph 0819; and Figures 12A and 16A.
instructions for applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the	At least paragraphs 0012 and 0871; and Figure 64B.	At least paragraphs 0012 and 0871; and Figure 64B.	At least paragraphs 0012 and 0837; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
device; and				
instructions for processing the second command;	At least paragraphs 0012 and 0872; and Figure 64B.	At least paragraphs 0012 and 0872; and Figure 64B.	At least paragraphs 0012 and 0838; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.
wherein the second set of heuristics comprises:	At least paragraphs 0012 and 0871; and Figure 64B.	At least paragraphs 0012 and 0871; and Figure 64B.	At least paragraphs 0012 and 0837; and Figure 64B.	At least paragraph 0821; and Figures 12A and 16A.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraphs 0012 and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0837; and Figures 12A, 16A, and 64B.	At least paragraph 0821; and Figures 12A and 16A.
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	At least paragraphs 0012 and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0012 and 0837; and Figures 12A, 16A, and 64B.	At least paragraph 0822; and Figures 12A and 16A.
10. The computing device of claim 9, wherein the first set of heuristics comprises	At least paragraphs 0012, 0531, and 0862; and Figures 39G and	At least paragraphs 0012, 0531, and 0862; and Figures 39G and	At least paragraphs 0012, 0016, 0531, 0815, and 0828; and	At least paragraphs 0825, 837, and 838; and Figure 39G.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	64B.	64B.	Figures 39G and 64B.	
11. A computer-implemented method, comprising:	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraph 0079; claims 144 and 145; and Figures 39A-39D.
at a computing device with a touch screen display,	At least paragraphs 0009, 0010, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0009, 0010, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0009, 0010, and 0094; and Figures 1A-1B and 64A-64B.	At least paragraph 0084; and Figures 1A-1B.
detecting one or more finger contacts with the touch screen display;	At least paragraphs 0009, 0010, 0830, and 0861; and Figures 64A-64B.	At least paragraphs 0009, 0010, 0830, and 0861; and Figures 64A-64B.	At least paragraphs 0009, 0010, 0796, and 0827; and Figures 64A-64B.	At least paragraph 0819; claims 144 and 145; and Figure 39C.
applying one or more heuristics to the one or more finger contacts to determine a command for	At least paragraphs 0009, 0010, 0831, and 0862; and Figures 64A-64B.	At least paragraphs 0009, 0010, 0831, and 0862; and Figures 64A-64B.	At least paragraphs 0009, 0010, 0797, and 0828; and Figures 64A-64B.	At least paragraph 0820; claims 144 and 145; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
the device; and				
processing the command;	At least paragraphs 0009, 0010, and 0831; and Figures 64A-64B.	At least paragraphs 0009, 0010, and 0831; and Figures 64A-64B.	At least paragraphs 0009, 0010, and 0797; and Figures 64A-64B.	At least paragraph 0820; claims 144 and 145; and Figure 39C.
wherein the one or more heuristics comprise:	At least paragraphs 0009, 0010, and 0832; and Figures 64A-64B.	At least paragraphs 0009, 0010, and 0832; and Figures 64A-64B.	At least paragraphs 0009, 0010, and 0798; and Figures 64A-64B.	At least paragraph 0821; claims 144 and 145; and Figure 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0009, 0010, 0445, 0446, and 0832; and Figures 39C and 64A-64B.	At least paragraphs 0009, 0010, 0445, 0446, and 0832; and Figures 39C and 64A-64B.	At least paragraphs 0009, 0010, 0432, 0433, 0798, 0813, and 0814; and Figures 39C and 64A-64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claims 144 and 145; and Figure 39C.
a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional	At least paragraphs 0009, 0010, 0445, 0446, and 0832; and Figures 39C, 64A, and 64B.	At least paragraphs 0009, 0010, 0445, 0446, and 0832; and Figures 39C, 64A, and 64B.	At least paragraphs 0009, 0010, 0432, 0433, 0798, 0813, and 0814; and Figures 39C, 64A, and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claims 144 and 145; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
vertical screen scrolling command; and				
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	At least paragraphs 0009, 0010, and 0832; and Figures 16A, 24A, and 64A-64B.	At least paragraphs 0009, 0010, and 0832; and Figures 16A, 24A, and 64A-64B.	At least paragraphs 0009, 0010, and 0798; and Figures 16A, 24A, and 64A-64B.	At least paragraph 0821; claims 144 and 145; and Figures 16A and 24A.
12. The computer-implemented method of claim 11, including:	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraphs 0009 and 0010; and Figures 64A-64B.	At least paragraph 0079; claims 144 and 145; and Figures 39A-39D.
while displaying a web browser application,	At least paragraphs 0009, 0010, and 0860-0861; and Figure 64B.	At least paragraphs 0009, 0010, and 0860-0861; and Figure 64B.	At least paragraphs 0009, 0010, and 0826-0827; and Figure 64B.	At least paragraph 0819; and Figures 39A-39D.
detecting one or more first finger contacts with the touch screen display;	At least paragraphs 0009, 0010, and 0860-0861; and Figure 64B.	At least paragraphs 0009, 0010, and 0860-0861; and Figure 64B.	At least paragraphs 0009, 0010, and 0826-0827; and Figure 64B.	At least paragraph 0819; and Figures 39A-39D.
applying a first set of heuristics for the web browser application to the	At least paragraphs 0009, 0010, and 0862; and Figure 64B.	At least paragraphs 0009, 0010, and 0862; and Figure 64B.	At least paragraphs 0009, 0010, and 0828; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
one or more first finger contacts to determine a first command for the device; and				
processing the first command;	At least paragraphs 0009, 0010, and 0863; and Figure 64B.	At least paragraphs 0009, 0010, and 0863; and Figure 64B.	At least paragraphs 0009, 0010, and 0829; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.
wherein the first set of heuristics comprises:	At least paragraphs 0009, 0010, and 0862; and Figure 64B.	At least paragraphs 0009, 0010, and 0862; and Figure 64B.	At least paragraphs 0009, 0010, and 0828; and Figure 64B.	At least paragraph 0821; and Figures 39A-39D.
the vertical screen scrolling heuristic; and	At least paragraphs 0009, 0010, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0009, 0010, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0009, 0010, 0432, 0433, 0798, 0813, 0814, and 0828; and Figures 39C and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; and Figure 39C.
the two-dimensional screen translation heuristic; and	At least paragraphs 0009, 0010, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0009, 0010, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0009, 0010, 0432, 0433, 0798, 0813, 0814, and 0828; and Figures 16A, 35B, 39C, and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; and Figure 39C.
while displaying a photo album application,	At least paragraphs 0009, 0010, and 0870-0871; and Figures 12A,	At least paragraphs 0009, 0010, and 0870-0871; and Figures 12A,	At least paragraphs 0009, 0010, and 0836-0837; and Figures 12A,	At least paragraph 0819; and Figures 12A and 16A.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
	16A, and 64B.	16A, and 64B.	16A, and 64B.	
detecting one or more second finger contacts with the touch screen display;	At least paragraphs 0009, 0010, and 0870; and Figure 64B.	At least paragraphs 0009, 0010, and 0870; and Figure 64B.	At least paragraphs 0009, 0010, and 0836; and Figure 64B.	At least paragraph 0819; and Figures 12A and 16A.
applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	At least paragraphs 0009, 0010, and 0871; and Figure 64B.	At least paragraphs 0009, 0010, and 0871; and Figure 64B.	At least paragraphs 0009, 0010, and 0837; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.
processing the second command;	At least paragraphs 0009, 0010, and 0872; and Figure 64B.	At least paragraphs 0009, 0010, and 0872; and Figure 64B.	At least paragraphs 0009, 0010, and 0838; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.
wherein the second set of heuristics comprises:	At least paragraphs 0009, 0010, and 0871; and Figure 64B.	At least paragraphs 0009, 0010, and 0871; and Figure 64B.	At least paragraphs 0009, 0010, and 0837; and Figure 64B.	At least paragraph 0821; and Figures 12A and 16A.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraphs 0009, 0010, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0009, 0010, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0009, 0010, and 0837; and Figures 12A, 16A, and 64B.	At least paragraph 0821; and Figures 12A and 16A.
a heuristic for determining	At least paragraphs	At least paragraphs	At least paragraphs	At least paragraph

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	0009, 0010, and 0871; and Figures 12A, 16A, and 64B.	0009, 0010, and 0871; and Figures 12A, 16A, and 64B.	0009, 0010, and 0837; and Figures 12A, 16A, and 64B.	0822; and Figures 12A and 16A.
13. The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	At least paragraphs 0009, 0010, 0531, and 0862; and Figures 39G and 64B.	At least paragraphs 0009, 0010, 0531, and 0862; and Figures 39G and 64B.	At least paragraphs 0009, 0010, 0531, 0815, and 0828; and Figures 39G and 64B.	At least paragraphs 0825, 837, and 838; and Figure 39G.
14. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 0432 and 0813; and Figure 39C.	At least paragraphs 0434 and 0836; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.				
15. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.	At least paragraphs 0446 and 0848; and Figure 39C.	At least paragraphs 0446 and 0848; and Figure 39C.	At least paragraphs 0433 and 0814; and Figure 39C.	At least paragraphs 0435 and 0837; and Figure 39C.
16. The computer-implemented method of claim 11, wherein, in one	At least paragraphs 0009, 0010,0531, and 0862; and Figures 39G,	At least paragraphs 0009, 0010,0531, and 0862; and Figures 39G,	At least paragraphs 0009, 0010,0531, 0815, and 0828; and Figures	At least paragraphs 0825, 837, and 838; and Figure 39G.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	and 64B.	and 64B.	39G and 64B.	
17. A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	At least paragraphs 0013, 0014, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0013, 0014, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0013, 0014, and 0094; and Figures 1A-1B and 64A-64B.	At least paragraph 0084; claim 172; and Figures 1A-1B.
detect one or more finger contacts with the touch screen display;	At least paragraphs 0013, 0014, 0830, and 0861; and Figures 64A-64B.	At least paragraphs 0013, 0014, 0830, and 0861; and Figures 64A-64B.	At least paragraphs 0013, 0014, 0796, and 0827; and Figures 64A-64B.	At least paragraph 0819; claim 172; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
apply one or more heuristics to the one or more finger contacts to determine a command for the device; and process the command;	At least paragraphs 0013, 0014, 0831, and 0862; and Figures 64A-64B. At least paragraphs 0013, 0014, and 0831; and Figures 64A-64B.	At least paragraphs 0013, 0014, 0831, and 0862; and Figures 64A-64B. At least paragraphs 0013, 0014, and 0831; and Figures 64A-64B.	At least paragraphs 0013, 0014, 0797, and 0828; and Figures 64A-64B. At least paragraphs 0013, 0014, and 0797; and Figures 64A-64B.	At least paragraph 0820; claim 172; and Figure 39C. At least paragraph 0820; claim 172; and Figure 39C.
wherein the one or more heuristics comprise:	At least paragraphs 0013, 0014, and 0832; and Figures 64A-64B.	At least paragraphs 0013, 0014, and 0832; and Figures 64A-64B.	At least paragraphs 0013, 0014, and 0798; and Figures 64A-64B.	At least paragraph 0821; claim 172; and Figure 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0013, 0014, 0445, 0446, and 0832; and Figures 39C and 64A-64B.	At least paragraphs 0013, 0014, 0445, 0446, and 0832; and Figures 39C and 64A-64B.	At least paragraphs 0013, 0014, 0432, 0433, 0798, 0813, and 0814; and Figures 39C and 64A-64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 172; and Figure 39C.
a two-dimensional screen translation heuristic for determining that the one or more finger contacts	At least paragraphs 0013, 0014, 0445, 0446, and 0832; and Figures 39C, 64A, and	At least paragraphs 0013, 0014, 0445, 0446, and 0832; and Figures 39C, 64A, and	At least paragraphs 0013, 0014, 0432, 0433, 0798, 0813, and 0814; and Figures 39C,	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 172; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and	64B.	64B.	64A, and 64B.	
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	At least paragraphs 0013, 0014, and 0832; and Figures 16A, 24A, and 64A-64B.	At least paragraphs 0013, 0014, and 0832; and Figures 16A, 24A, and 64A-64B.	At least paragraphs 0013, 0014, and 0798; and Figures 16A, 24A, and 64A-64B.	At least paragraph 0821; claim 172; and Figures 16A and 24A.
18. The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	At least paragraphs 0013, 0014, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0013, 0014, and 0095; and Figures 1A-1B and 64A-64B.	At least paragraphs 0013, 0014, and 0094; and Figures 1A-1B and 64A-64B.	At least paragraph 0084; claim 172; and Figures 1A-1B.
while displaying a web	At least paragraphs	At least paragraphs	At least paragraphs	At least paragraph

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
browser application,	0013, 0014, and 0860-0861; and Figure 64B.	0013, 0014, and 0860-0861; and Figure 64B.	0013, 0014, and 0826-0827; and Figure 64B.	0819; and Figures 39A-39D.
detect one or more first finger contacts with the touch screen display;	At least paragraphs 0013, 0014, and 0860-0861; and Figure 64B.	At least paragraphs 0013, 0014, and 0860-0861; and Figure 64B.	At least paragraphs 0013, 0014, and 0826-0827; and Figure 64B.	At least paragraph 0819; and Figures 39A-39D.
apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	At least paragraphs 0013, 0014, and 0862; and Figure 64B.	At least paragraphs 0013, 0014, and 0862; and Figure 64B.	At least paragraphs 0013, 0014, and 0828; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.
process the first command;	At least paragraphs 0013, 0014, and 0863; and Figure 64B.	At least paragraphs 0013, 0014, and 0863; and Figure 64B.	At least paragraphs 0013, 0014, and 0829; and Figure 64B.	At least paragraph 0820; and Figures 39A-39D.
wherein the first set of heuristics comprises:	At least paragraphs 0013, 0014, and 0862; and Figure 64B.	At least paragraphs 0013, 0014, and 0862; and Figure 64B.	At least paragraphs 0013, 0014, and 0828; and Figure 64B.	At least paragraph 0821; and Figures 39A-39D.
the vertical screen scrolling heuristic; and	At least paragraphs 0013, 0014, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0013, 0014, 0445, 0446, 0832, and 0862; and Figures 39C and 64B.	At least paragraphs 0013, 0014, 0432, 0433, 0798, 0813, 0814, and 828; and Figures 39C and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 172; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
the two-dimensional screen translation heuristic; and while displaying a photo album application,	At least paragraphs 0013, 0014, 0445, 0446, 0832, and 0862; and Figures 39C and 64B. At least paragraphs 0013, 0014, and 0870-0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, 0445, 0446, 0832, and 0862; and Figures 39C and 64B. At least paragraphs 0013, 0014, and 0870-0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, 0432, 0433, 0798, 0813, 0814, and 828; and Figures 39C and 64B. At least paragraphs 0013, 0014, and 0836-0837; and Figures 12A, 16A, and 64B.	At least paragraphs 0434, 0435, 0821, 836, and 837; claim 172; and Figure 39C. At least paragraph 0819; and Figures 12A and 16A.
detect one or more second finger contacts with the touch screen display;	At least paragraphs 0013, 0014, and 0870; and Figure 64B.	At least paragraphs 0013, 0014, and 0870; and Figure 64B.	At least paragraphs 0013, 0014, and 0836; and Figure 64B.	At least paragraph 0819; and Figures 12A and 16A.
apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	At least paragraphs 0013, 0014, and 0871; and Figure 64B.	At least paragraphs 0013, 0014, and 0871; and Figure 64B.	At least paragraphs 0013, 0014, and 0837; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.
process the second command;	At least paragraphs 0013, 0014, and 0872; and Figure 64B.	At least paragraphs 0013, 0014, and 0872; and Figure 64B.	At least paragraphs 0013, 0014, and 0838; and Figure 64B.	At least paragraph 0820; and Figures 12A and 16A.
wherein the second set of heuristics comprises:	At least paragraphs 0013, 0014, and 0871;	At least paragraphs 0013, 0014, and 0871;	At least paragraphs 0013, 0014, and 0837;	At least paragraph 0821; and Figures 12A

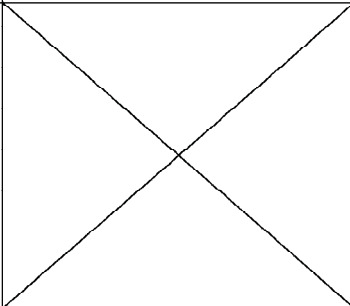
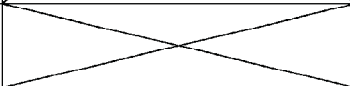
Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
	and Figure 64B.	and Figure 64B.	and Figure 64B.	and 16A.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraphs 0013, 0014, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, and 0837; and Figures 12A, 16A, and 64B.	At least paragraph 0821; and Figures 12A and 16A.
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	At least paragraphs 0013, 0014, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, and 0871; and Figures 12A, 16A, and 64B.	At least paragraphs 0013, 0014, and 0837; and Figures 12A, 16A, and 64B.	At least paragraph 0822; and Figures 12A and 16A.
19. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 0445 and 0847; and Figure 39C.	At least paragraphs 432 and 0813; and Figure 39C.	At least paragraphs 0434 and 0836; and Figure 39C.

Claim Limitation	Support for claim limitation in the above captioned patent application	Support for claim limitation in US application no. 11/850,635, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,991, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/937,993, to which the above captioned application claims benefit
<p>vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.</p> <p>20. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.</p>	<p>At least paragraphs 0446 and 0848; and Figure 39C.</p>	<p>At least paragraphs 0446 and 0848; and Figure 39C.</p>	<p>At least paragraphs 433 and 0814; and Figure 39C.</p>	<p>At least paragraphs 0435 and 0837; and Figure 39C.</p>

Showing of Support under 35 USC 112, First Paragraph (continued):

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
1. A computing device, comprising:	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figures 1-2.
a touch screen display;	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figures 1-2.
one or more processors;	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figure 1.
memory; and	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figure 1.
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:	At least paragraph 0103; and Figures 1A-1B.	At least paragraph 0103; and Figures 1A-1B.	At least paragraph 0070; and Figure 1.
instructions for detecting one or more finger contacts with the touch screen display;	At least paragraph 0784; claim 171; and Figure 39C.	At least paragraph 0763; claim 171; and Figure 39C.	At least paragraphs 0063, 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
instructions for applying one or more heuristics to the one or more finger contacts to determine a	At least paragraph 0785; claim 171; and Figure 39C.	At least paragraph 0764; claim 171; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
command for the device; and			
instructions for processing the command;	At least paragraph 0785; claim 171; and Figure 39C.	At least paragraph 0764; claim 171; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
wherein the one or more heuristics comprise:	At least paragraph 0786; claim 171; and Figure 39C.	At least paragraph 0765; claim 171; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 171; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 171; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 171; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 171; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.

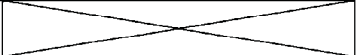
Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
than the one-dimensional vertical screen scrolling command; and			
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	At least paragraph 0786; claim 171; and Figures 16A and 24A.	At least paragraph 0765; claim 171; and Figures 16A and 24A.	At least paragraphs 0138 and 0154; and Figures 12A and 16.
2. The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame.	At least paragraphs 0797 and 0810; and Figures 42A-42C.	At least paragraphs 0776 and 0810; and Figures 42A-42C.	
3. The computing device of claim 1, wherein the one or more heuristics include a	At least paragraph 0800; and Figures 58A-58D.	At least paragraph 0779; and Figures 58A-58D.	

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
heuristic for determining which user interface object is selected when two user interface objects have overlapping hit regions.			X
4. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.	At least paragraphs 0421 and 0801; and Figure 39C.	At least paragraphs 0421 and 0780; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
5. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the	At least paragraphs 0422 and 0802; and Figure 39C.	At least paragraphs 0422 and 0781; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
two-dimensional screen translation command.			
6. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	At least paragraphs 0790, 802, and 803; and Figure 39G.	At least paragraphs 0769, 0781, and 0782; and Figure 39G.	X
7. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.	At least paragraph 0807; and Figures 57A-57C.	At least paragraph 0786; and Figures 57A-57C.	X

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
8. The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page of content that includes the frame.	At least paragraph 0810; and Figures 42A-42C.	At least paragraph 0789; and Figures 42A-42C.	X
9. The computing device of claim 1, including:	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figures 1-2.
instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch screen display;	At least paragraph 0784; and Figures 39A-39D.	At least paragraph 0763; and Figures 39A-39D.	At least paragraph 0063, 0255, 0256, and 0258; and Figure 39C.
instructions for applying a first set of heuristics for the	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
web browser application to the one or more first finger contacts to determine a first command for the device; and			
instructions for processing the first command;	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
wherein the first set of heuristics comprises:	At least paragraph 0786; and Figures 39A-39D.	At least paragraph 0765; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
the vertical screen scrolling heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 171; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 171; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
the two-dimensional screen translation heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 171; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 171; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;	At least paragraph 0784; and Figures 12A and 16A.	At least paragraph 0763; and Figures 12A and 16A.	At least paragraphs 0063, 0137-0139 and 0153-0155; and Figures 12A and 16.
instructions for applying a second set of heuristics for the photo album application	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
to the one or more second finger contacts to determine a second command for the device; and			
instructions for processing the second command;	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
wherein the second set of heuristics comprises:	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0138 and 0154; and Figures 12A and 16.
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	At least paragraph 0787; and Figures 12A and 16A.	At least paragraph 0766; and Figures 12A and 16A.	At least paragraphs 0137 and 0153; and Figures 12A and 16.
10. The computing device of claim 9, wherein the first	At least paragraphs 0790, 802, and 803; and Figure 39G.	At least paragraph 0769, 0780, and 0781; and Figure 39G.	

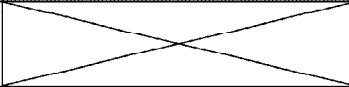
Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.			X
11. A computer-implemented method, comprising:	At least paragraph 0078; claims 144 and 145; and Figures 39A-39D.	At least paragraph 0078; claims 144 and 145; and Figures 39A-39D.	At least paragraph 0049; and Figures 12A, 16, and 39C.
at a computing device with a touch screen display,	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0083; and Figures 1A-1B.	At least paragraph 0054; and Figures 1-2.
detecting one or more finger contacts with the touch screen display;	At least paragraph 0784; claims 144 and 145; and Figure 39C.	At least paragraph 0763; claims 144 and 145; and Figure 39C.	At least paragraphs 0063, 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
applying one or more heuristics to the one or more finger contacts to determine a command for the device; and	At least paragraph 0785; claims 144 and 145; and Figure 39C.	At least paragraph 0764; claims 144 and 145; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
processing the command;	At least paragraph 0785; claims 144 and 145; and Figure 39C.	At least paragraph 0764; claims 144 and 145; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.

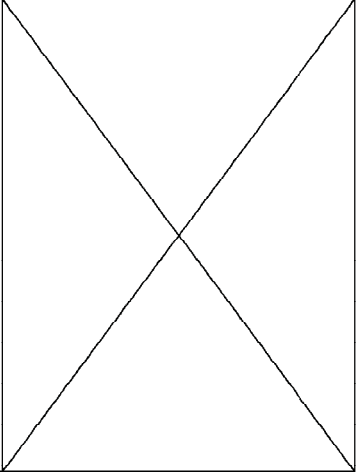
Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
			39C.
wherein the one or more heuristics comprise:	At least paragraph 0786; claims 144 and 145; and Figure 39C.	At least paragraph 0765; claims 144 and 145; and Figure 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claims 144 and 145; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claims 144 and 145; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claims 144 and 145; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claims 144 and 145; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
a next item heuristic for determining that the one or	At least paragraph 0786; claims 144 and 145; and Figures 16A	At least paragraph 0765; claims 144 and 145; and	At least paragraphs 0138 and 0154; and Figures 12A and 16.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	and 24A.	Figures 16A and 24A.	
12. The computer-implemented method of claim 11, including:	At least paragraph 0078; claims 144 and 145; and Figures 39A-39D.	At least paragraph 0078; claims 144 and 145; and Figures 39A-39D.	At least paragraph 0049; and Figures 12A, 16, and 39C.
while displaying a web browser application,	At least paragraph 0784; and Figures 39A-39D.	At least paragraph 0763; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
detecting one or more first finger contacts with the touch screen display;	At least paragraph 0784; and Figures 39A-39D.	At least paragraph 0763; and Figures 39A-39D.	At least paragraph 0063, 0255, 0256, and 0258; and Figure 39C.
applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
processing the first command;	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
wherein the first set of	At least paragraph 0786; and	At least paragraph 0765; and	At least paragraphs 0255, 0256,

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
heuristics comprises:	Figures 39A-39D.	Figures 39A-39D.	and 0258; and Figure 39C.
the vertical screen scrolling heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claims 144 and 145; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claims 144 and 145; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
the two-dimensional screen translation heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claims 144 and 145; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claims 144 and 145; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
while displaying a photo album application,	At least paragraph 0784; and Figures 12A and 16A.	At least paragraph 0763; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
detecting one or more second finger contacts with the touch screen display;	At least paragraph 0784; and Figures 12A and 16A.	At least paragraph 0763; and Figures 12A and 16A.	At least paragraphs 0063, 0137-0139 and 0153-0155; and Figures 12A and 16.
applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
processing the second command;	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
wherein the second set of heuristics comprises:	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0138 and 0154; and Figures 12A and 16.
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.	At least paragraph 0787; and Figures 12A and 16A.	At least paragraph 0766; and Figures 12A and 16A.	At least paragraphs 0137 and 0153; and Figures 12A and 16.
13. The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling	At least paragraphs 0790, 802, and 803; and Figure 39G.	At least paragraphs 0769, 0781, and 0782; and Figure 39G.	X

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
command rather than the two-dimensional screen translation command.			
14. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.	At least paragraphs 0421 and 0801; and Figure 39C.	At least paragraphs 0421 and 0780; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
15. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the	At least paragraphs 0422 and 0802; and Figure 39C.	At least paragraphs 0422 and 0781; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
two-dimensional screen translation command.			
16. The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.	At least paragraphs 0790, 802, and 803; and Figure 39G.	At least paragraphs 0769, 0781, and 0782; and Figure 39G.	
17. A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	At least paragraph 0083; claim 172; and Figures 1A-1B.	At least paragraph 0083; claim 172; and Figures 1A-1B.	At least paragraph 0054; and Figure 1.
detect one or more finger	At least paragraph 0784; claim	At least paragraph 0763; claim	At least paragraphs 0063, 0137-

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
contacts with the touch screen display;	172; and Figures 39C.	172; and Figures 39C.	0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
apply one or more heuristics to the one or more finger contacts to determine a command for the device; and	At least paragraph 0785; claim 172; and Figures 39C.	At least paragraph 0764; claim 172; and Figures 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
process the command;	At least paragraph 0785; claim 172; and Figures 39C.	At least paragraph 0764; claim 172; and Figures 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
wherein the one or more heuristics comprise:	At least paragraph 0786; claim 172; and Figures 39C.	At least paragraph 0765; claim 172; and Figures 39C.	At least paragraphs 0137-0139, 0153-0155, 0255, 0256, and 0258; and Figures 12A, 16, and 39C.
a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 172; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 172; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
a two-dimensional screen	At least paragraphs 0421, 0422,	At least paragraphs 0421,	At least paragraphs 0255, 0256,

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and	0786, 0801, and 0802; claim 172; and Figure 39C.	0422, 0765, 0780, and 0781; claim 172; and Figure 39C.	and 0258; and Figure 39C.
a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.	At least paragraph 0786; claim 172; and Figures 16A and 24A.	At least paragraph 0765; claim 172; and Figures 16A and 24A.	At least paragraphs 0138 and 0154; and Figures 12A and 16.
18. The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:	At least paragraph 0083; claim 172; and Figures 1A-1B.	At least paragraph 0083; claim 172; and Figures 1A-1B.	At least paragraph 0054; and Figure 1.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
while displaying a web browser application,	At least paragraph 0784; and Figures 39A-39D.	At least paragraph 0763; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
detect one or more first finger contacts with the touch screen display;	At least paragraph 0784; and Figures 39A-39D.	At least paragraph 0763; and Figures 39A-39D.	At least paragraph 0063, 0255, 0256, and 0258; and Figure 39C.
apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
process the first command;	At least paragraph 0785; and Figures 39A-39D.	At least paragraph 0764; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
wherein the first set of heuristics comprises:	At least paragraph 0786; and Figures 39A-39D.	At least paragraph 0765; and Figures 39A-39D.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
the vertical screen scrolling heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 172; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 172; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
the two-dimensional screen translation heuristic; and	At least paragraphs 0421, 0422, 0786, 0801, and 0802; claim 172; and Figure 39C.	At least paragraphs 0421, 0422, 0765, 0780, and 0781; claim 172; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
while displaying a photo album application,	At least paragraph 0784; and Figures 12A and 16A.	At least paragraph 0763; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.

Claim Limitation	Support for claim limitation in provisional application no. 60/879,469, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/879,253, to which the above captioned application claims benefit	Support for claim limitation in provisional application no. 60/824,769, to which the above captioned application claims benefit
detect one or more second finger contacts with the touch screen display;	At least paragraph 0784; and Figures 12A and 16A.	At least paragraph 0763; and Figures 12A and 16A.	At least paragraphs 0063, 0137-0139 and 0153-0155; and Figures 12A and 16.
apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
process the second command;	At least paragraph 0785; and Figures 12A and 16A.	At least paragraph 0764; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
wherein the second set of heuristics comprises:	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0137-0139 and 0153-0155; and Figures 12A and 16.
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and	At least paragraph 0786; and Figures 12A and 16A.	At least paragraph 0765; and Figures 12A and 16A.	At least paragraphs 0138 and 0154; and Figures 12A and 16.
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the	At least paragraph 0787; and Figures 12A and 16A.	At least paragraph 0766; and Figures 12A and 16A.	At least paragraphs 0137 and 0153; and Figures 12A and 16.

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
respective image in the set of images to displaying a previous image in the set of images.			
19. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.	At least paragraphs 0421 and 0801; and Figure 39C.	At least paragraphs 0421 and 0780; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.
20. The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range	At least paragraphs 0422 and 0802; and Figure 39C.	At least paragraphs 0422 and 0781; and Figure 39C.	At least paragraphs 0255, 0256, and 0258; and Figure 39C.

Claim Limitation	Support for claim limitation in provisional application no. <u>60/879,469</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/879,253</u> , to which the above captioned application claims benefit	Support for claim limitation in provisional application no. <u>60/824,769</u> , to which the above captioned application claims benefit
of angles corresponds to the two-dimensional screen translation command.			

Thus, as shown in the table above, claims 1-20 satisfy the requirements of 35 U.S.C. §112, first paragraph.

The claims do not invoke 35 USC 112, sixth paragraph. There are no means- (or step-) plus-function claim elements.

Identification of References Disqualified as Prior Art under 35 USC 103(c):

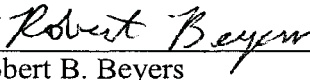
The following references are disqualified as prior art under 35 USC 103(c):

- | | |
|--------------------|----------------|
| 1. Lemay et al | US 20070157094 |
| 2. Ording et al | US 20070152984 |
| 3. Jobs et al | US 20070152979 |
| 4. Kocienda et al | US 20070152978 |
| 5. Hotelling | US 20060197753 |
| 6. Hotelling et al | US 20060026521 |
| 7. Jobs et al | US 20070155434 |
| 8. Chaudhri et al | US 20070150842 |
| 9. Elias et al | US 20070177803 |

In view of this accelerated examination support document, Applicants respectfully request that the Examiner grant the Petition for Accelerated Examination in the above-captioned patent application. Applicants respectfully submit that the claims of the above-captioned patent application are in condition for allowance, and respectfully request that the Examiner allow the claims of the above-captioned application to issue in a U.S. patent.

Respectfully submitted,

Date: April 11, 2008


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Interview Summary	Application No. 12/101,832	Applicant(s) JOBS ET AL.	
	Examiner Duc Q. Dinh	Art Unit 2629	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Duc Q. Dinh. (3) Cyndi Wheeler.
(2) Robert Beyers. (4) _____.

Date of Interview: 02 June 2008.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: IPhone illustration..

Claim(s) discussed: 1-20.

Identification of prior art discussed: Chiu et al (US 20060001652 A1) and Cheston et al. (20060164339 A1).

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed support in the specification for claims 1-20, and newly found references for the application, proposed amended claims for independent claims, Chie, Cheston and an Australian Examiner's report will be submitted an IDS. The Examiner will confirm with the Supervisory Examiner that no supplemental AESD is required for Chiu and Cheston .

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Duc Q Dinh/
Primary Examiner, Art Unit 2629

Examiner's signature, if required

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Steven P. Jobs et al.	Confirmation No.:	9013
Serial No.:	12/101,832	Art Unit:	2629
Filed:	April 11, 2008	Examiner:	Duc Q. Dinh
For:	<i>Touch Screen Device, Method, and Graphical User Interface for Determining Commands by Applying Heuristics</i>	Attorney Docket No.:	P4313USC1/63266-5138-US

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The enclosed Amendment is in response to an in-person interview that was attended by Examiner Dinh, Robert Beyers, and Cyndi Wheeler on June 2, 2008 and to a phone call between Examiner Dinh and Cyndi Wheeler on June 4, 2008.

The Commissioner has been authorized through the electronic filing system to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0310 (order no. 63266-5138-US).

Amendments to the claims begin on page 2.

Remarks begin on page 9.

Amendments to the Claims

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A computing device, comprising:
 - a touch screen display;
 - one or more processors;
 - memory; and
 - one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:
 - instructions for detecting one or more finger contacts with the touch screen display;
 - instructions for applying one or more heuristics to the one or more finger contacts to determine a command for the device; and
 - instructions for processing the command;
 - wherein the one or more heuristics comprise:
 - a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command based on an angle of initial movement of a finger contact with respect to the touch screen display;
 - a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command based on the angle of initial movement of the finger contact with respect to the touch screen display; and
 - a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

2. (Original) The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining that the one or more finger contacts correspond to a command to translate content within a frame rather than translating an entire page that includes the frame.
3. (Original) The computing device of claim 1, wherein the one or more heuristics include a heuristic for determining which user interface object is selected when two user interface objects have overlapping hit regions.
4. (Original) The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.
5. (Original) The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.
6. (Original) The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.
7. (Original) The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, a contact comprising a simultaneous two-thumb twisting gesture corresponds to a 90° screen rotation command.
8. (Original) The computing device of claim 1, wherein, in one heuristic of the one or more heuristics, an N-finger translation gesture corresponds to a command to translate an entire page of content and an M-finger translation gesture corresponds to a command to translate content within a frame rather than translating the entire page of content that includes the frame.

9. (Original) The computing device of claim 1, including:
instructions for detecting one or more first finger contacts with the touch screen display while a web browser application is displayed on the touch screen display;
instructions for applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and
instructions for processing the first command;
wherein the first set of heuristics comprises:
the vertical screen scrolling heuristic; and
the two-dimensional screen translation heuristic; and
instructions for detecting one or more second finger contacts with the touch screen display while a photo album application is displayed on the touch screen display;
instructions for applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and
instructions for processing the second command;
wherein the second set of heuristics comprises:
the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and
a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

10. (Currently amended) The computing device of claim 9, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command based on the angle of initial movement of the finger contact with respect to the touch screen display.

11. (Currently amended) A computer-implemented method, comprising:
at a computing device with a touch screen display,

detecting one or more finger contacts with the touch screen display;
applying one or more heuristics to the one or more finger contacts to
determine a command for the device; and

processing the command;

wherein the one or more heuristics comprise:

a vertical screen scrolling heuristic for determining that the one or
more finger contacts correspond to a one-dimensional vertical screen scrolling command
rather than a two-dimensional screen translation command based on an angle of initial
movement of a finger contact with respect to the touch screen display;

a two-dimensional screen translation heuristic for determining that
the one or more finger contacts correspond to the two-dimensional screen translation
command rather than the one-dimensional vertical screen scrolling command based on
the angle of initial movement of the finger contact with respect to the touch screen
display; and

a next item heuristic for determining that the one or more finger
contacts correspond to a command to transition from displaying a respective item in a set
of items to displaying a next item in the set of items.

12. (Original) The computer-implemented method of claim 11, including:

while displaying a web browser application,

detecting one or more first finger contacts with the touch screen display;

applying a first set of heuristics for the web browser application to the one
or more first finger contacts to determine a first command for the device; and

processing the first command;

wherein the first set of heuristics comprises:

the vertical screen scrolling heuristic; and

the two-dimensional screen translation heuristic; and

while displaying a photo album application,

detecting one or more second finger contacts with the touch screen
display;

applying a second set of heuristics for the photo album application to the
one or more second finger contacts to determine a second command for the device; and

processing the second command;

wherein the second set of heuristics comprises:

the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and

a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

13. (Currently amended) The computer-implemented method of claim 12, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command based on the angle of initial movement of the finger contact with respect to the touch screen display.

14. (Original) The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

15. (Original) The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

16. (Original) The computer-implemented method of claim 11, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

17. (Currently amended) A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

detect one or more finger contacts with the touch screen display;
apply one or more heuristics to the one or more finger contacts to determine a command for the device; and

process the command;

wherein the one or more heuristics comprise:

a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command based on an angle of initial movement of a finger contact with respect to the touch screen display;

a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command based on the angle of initial movement of the finger contact with respect to the touch screen display; and

a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

18. (Original) The computer readable storage medium of claim 17, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

while displaying a web browser application,

detect one or more first finger contacts with the touch screen display;
apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and

process the first command;

wherein the first set of heuristics comprises:

the vertical screen scrolling heuristic; and

the two-dimensional screen translation heuristic; and

while displaying a photo album application,
detect one or more second finger contacts with the touch screen display;
apply a second set of heuristics for the photo album application to the one
or more second finger contacts to determine a second command for the device; and
process the second command;
wherein the second set of heuristics comprises:
the next item heuristic, wherein the respective item in the set of
items is a respective image in a set of images; and
a heuristic for determining that the one or more second finger
contacts correspond to a command to transition from displaying the respective image in
the set of images to displaying a previous image in the set of images.

19. (Original) The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

20. (Original) The computer readable storage medium of claim 17, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

Remarks

This amendment responds to the in-person interview that was attended by Examiner Dinh, Robert Beyers, and Cyndi Wheeler on June 2, 2008 and to a phone call between Examiner Dinh and Cyndi Wheeler on June 4, 2008.

The June 2, 2008 interview discussed:

- support in the specification for claims 1-20;
- newly found references (Chiu et al. US2006/0001652, and Cheston et al. US 2006/0164399) and an Australian Examiner's report;
- proposed claim amendments; and
- submission of an information disclosure statement (IDS) with Chiu, Cheston, and the Australian Examiner's report.

In the June 4, 2008 phone call, Examiner Dinh told Cyndi Wheeler that we would need to file:

- a supplemental accelerated examination support document (AESD); and
- a terminal disclaimer for commonly owned co-pending U.S. Patent Application No. 11/850,635.

In response to the June 2, 2008 in-person interview and the June 4, 2008 phone call, the following materials are being submitted:

- this Amendment, which includes a listing of the claims as amended;
- a supplemental AESD;
- an IDS with Chiu, Cheston, and the Australian Examiner's report; and
- a terminal disclaimer for commonly owned co-pending U.S. Patent Application No. 11/850,635.

If the Examiner believes a discussion of the above would be useful, he is invited to call the Applicants' attorney, Dr. Robert Beyers, at (650) 843-7528.

Respectfully submitted,

Date: June 12, 2008

Robert Beyers

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