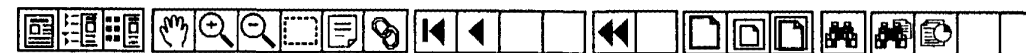


Exhibit 8-7



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100

1-2

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98

An early case that indicated the CAPC's new interpretation of means-plus-function claims was adjudicated in 1987 in a case involving portable calculators. *Texas Instruments, Inc. v. U.S. International Trade Commission*, 231 USPQ 833 (Fed. Cir. 1988) In the *Texas Instruments* case, the court affirmed an International Trade Commission (ITC) determination that the structure of certain accused devices were as different from the devices disclosed in patent that they did not literally infringe a claim written in means plus function format, even though the accused devices performed all of the functions required by the claim. It is important to note that the court was referring to literal infringement, not infringement under the doctrine of equivalents.

As first, many attorneys felt that the *Texas Instruments* case was an anomaly. However, in view of further CAFC decisions subsequent to 1987, it appears to have become the rule. For example, in *Vidcon Industries Inc. v. Rumble Manufacturing Co. Inc.*, 25 USPQ2d 1451, 1454 (Fed. Cir. 1993), the court said that "a means phrase does not cover every means for performing the specified function." Rather, § 112, "operates more like the reverse doctrine of equivalents than the doctrine of equivalents because it restricts the coverage of literal claim language." In another case, the court pointed out that "Section 112, e1f6 rules out the possibility that any and every means which performs the function specified in the claim literally satisfies that limitation." *The L. & W. Corp., v. Record Inc.*, 19 USPQ2d 1367, 1370 (Fed. Cir. 1991). "For a means plus function limitation to read on an accused device, the accused device must incorporate the means for performing the function disclosed in the specification or a structural equivalent of the means, plus it must perform the identical function." *Johnson v. IVAC Corp.*, 12 USPQ2d 1382, 1387 (Fed. Cir. 1989). That is, if an accused device does not accomplish the function required of an element written in means plus function format, there can not be literal infringement.

While the courts have been narrowing the interpretation of means plus function claims in the infringement context, the PTO has traditionally taken a different view in determining patentability. Specifically, during prosecution, claims are always given their "broadest reasonable interpretation." The PTO has traditionally taken the position that the broadest reasonable

interpretation of an element written in means plus function format, in any possible manner of accomplishing the recited function. This has been the PTO's position ever since the current patent laws were first enacted in 1952. The courts approved of this practice many years ago in the case *In re Lundberg*, 113 USPQ 530 (CCPA 1979).

A few years ago, several panels of the CAFC ruled that the PTO must interpret claims during prosecution under § 112, 6-f) in the same way that they are interpreted during litigation. *In re Bond*, 15 USPQ2d 1564 (1990). That is, the court held that during prosecution, means plus function claims must be considered limited to the structure(s) actually disclosed in the specification and structural equivalents thereof. However, the PTO refused to follow the court's ruling. In fact, the Commissioner of Patents and Trademarks issued an order indicating that the litigators were not to follow the ruling of *In re Bond*. The PTO's reasoning was based on a CAFC rule that says that a normal (3-judge) panel cannot overrule an older decision, and that if two decisions conflict, the older decision will be treated as the law. In this case, the older decision was *In re Lundberg*, which supported the PTO's broad interpretation of elements written in means plus function during prosecution. The only way that an older CCPA or CAFC case can be overruled is either by the Supreme Court or by an en banc (9-judge) decision of the CAFC.

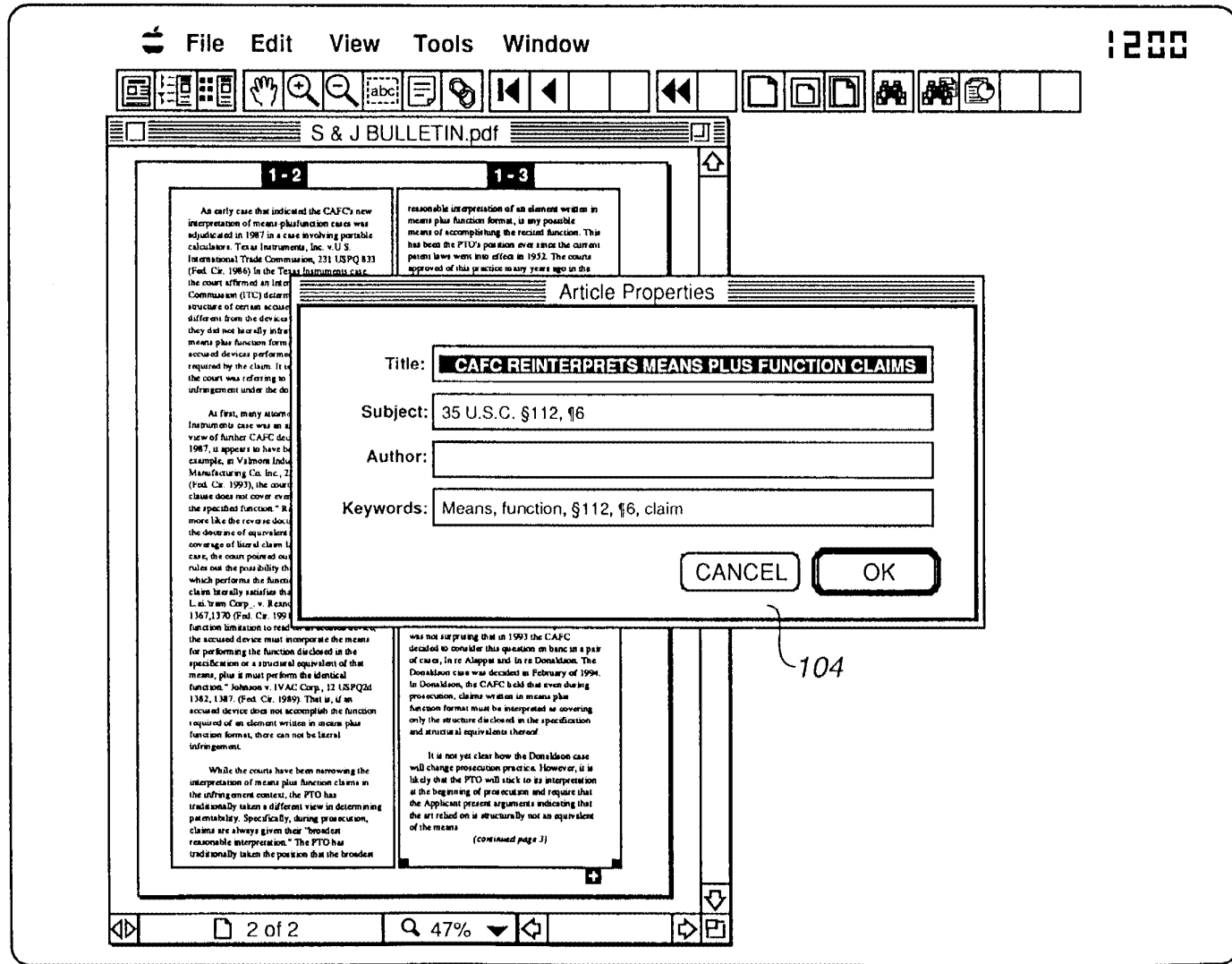
In view of the disparity between the court's decision in *In re Bond* and the PTO's position, it was not surprising that in 1993 the CAFC decided to consider the question en banc as a pair of cases, *In re Alappat* and *In re Donalson*. The *Donalson* case was decided in February of 1994. In *Donalson*, the CAFC held that even during prosecution, claims written in means plus function format must be interpreted as covering only the structure disclosed in the specification and structural equivalents thereof.

It is not yet clear how the *Donalson* case will change prosecution practice. However, it is likely that the PTO will stick to its interpretation at the beginning of prosecution and require that the Applicant present arguments indicating that the art relied on is structurally not an equivalent of the claim.

(continued page 3)

Fig. 3e

Fig. 3f



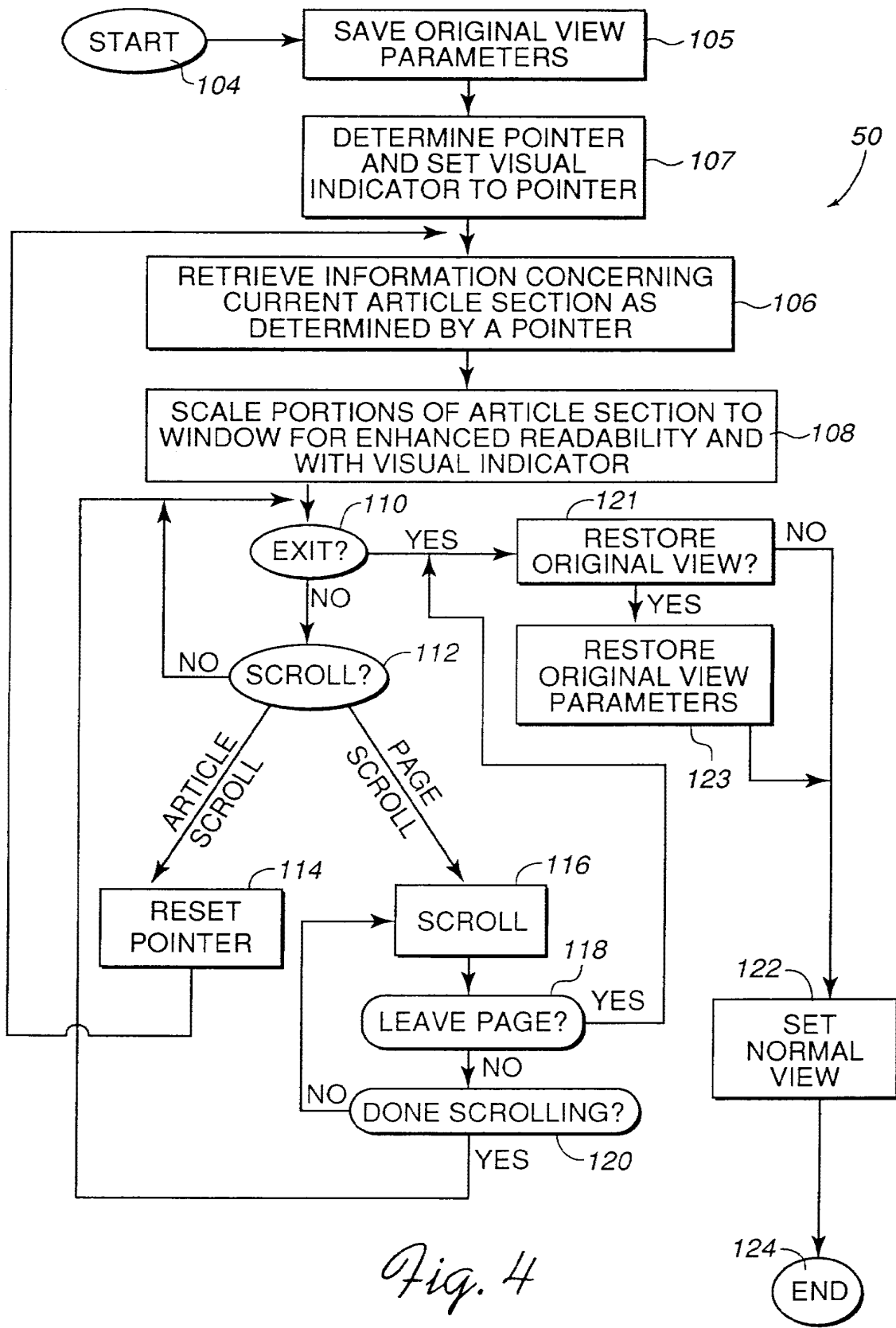


Fig. 4



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COURT OF APPEALS, FEDERAL
CIRCUIT (CAFC) REINTERPRETS
MEANS PLUS FUNCTION CLAIMS

Over the last few years, one of the most important changes in the interpretation of claim language in the United States has been the narrowing of the scope of claim elements written in means plus function format. This narrowing has coincided with a narrowing of the breadth of equivalents that claims are being given under the doctrine of equivalents.

Many U.S. patent practitioners believed, and continue to believe, that claims written in "means plus function" format were broader in scope than analogous claims that did not use means plus function language. That is, there has been an impression that elements written in means plus function format such as "control means for..." would be interpreted more broadly than an analogous structural clause such as "a controller for...". In fact, as the law stands today, just the opposite would appear to be true.

By way of historical context, the United States patent laws provide that an invention may be claimed in terms of a means for providing a function. 35 USC §112, ¶6. If read literally, an element of a claim described as a means for performing a function would encompass any means for performing the required function. Over the years, there have been numerous court cases that suggested that means plus function language does indeed cover virtually any means for performing the function. However, most recently, the Court of Appeals for the Federal Circuit (CAFC) has emphasized that section 112, ¶6 is not intended to cover any conceivable means for performing the required function. Rather, such claims are limited by the embodiment disclosed in the specification. That is, claims written in means plus function format must be construed to cover the structure, material, or acts described in the specification and their structural equivalents.

(continued page 2)

1 of 2 47% 76

Fig. 4a

24

84

86

78

76

80

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Fig. 4b

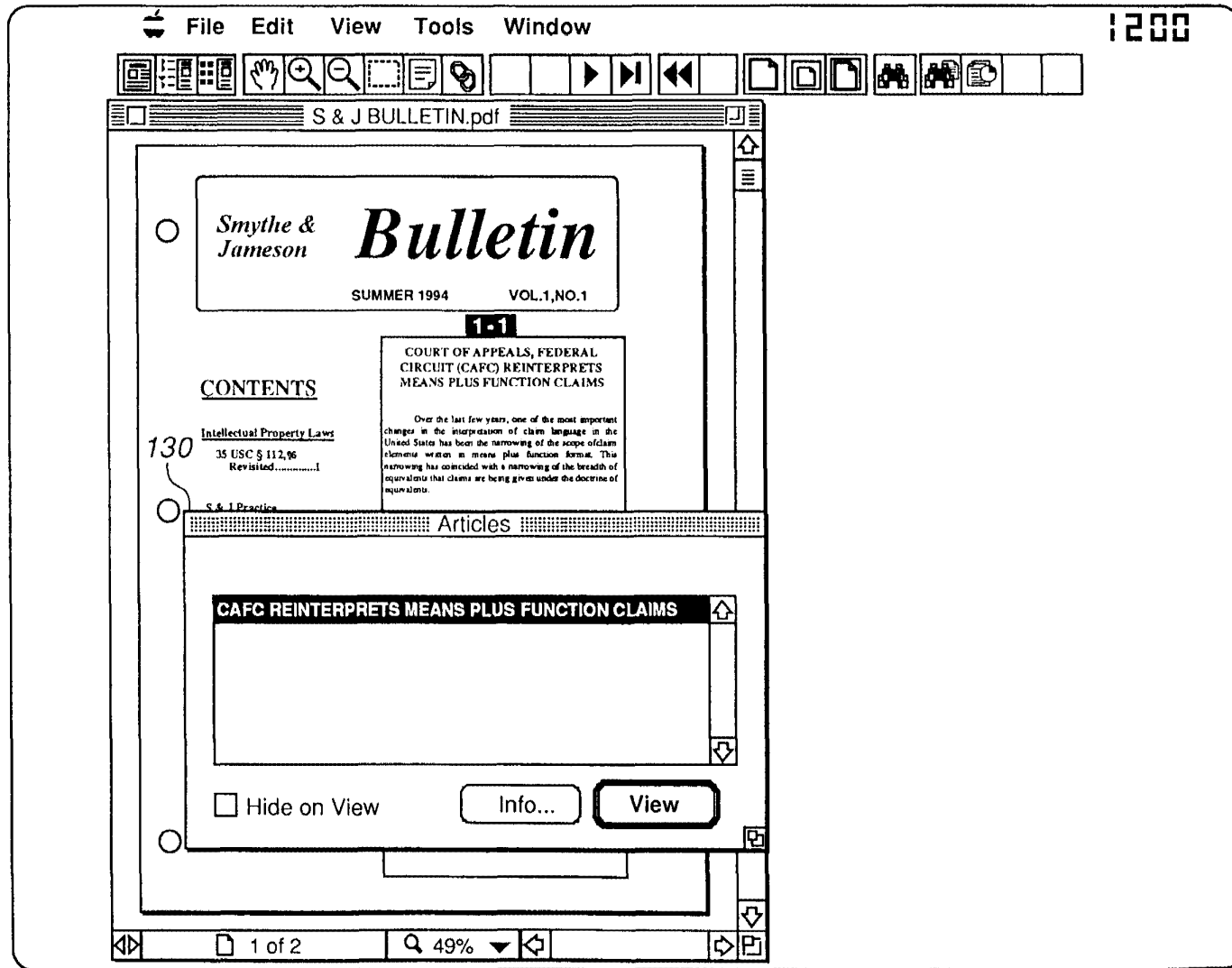


Fig. 4c

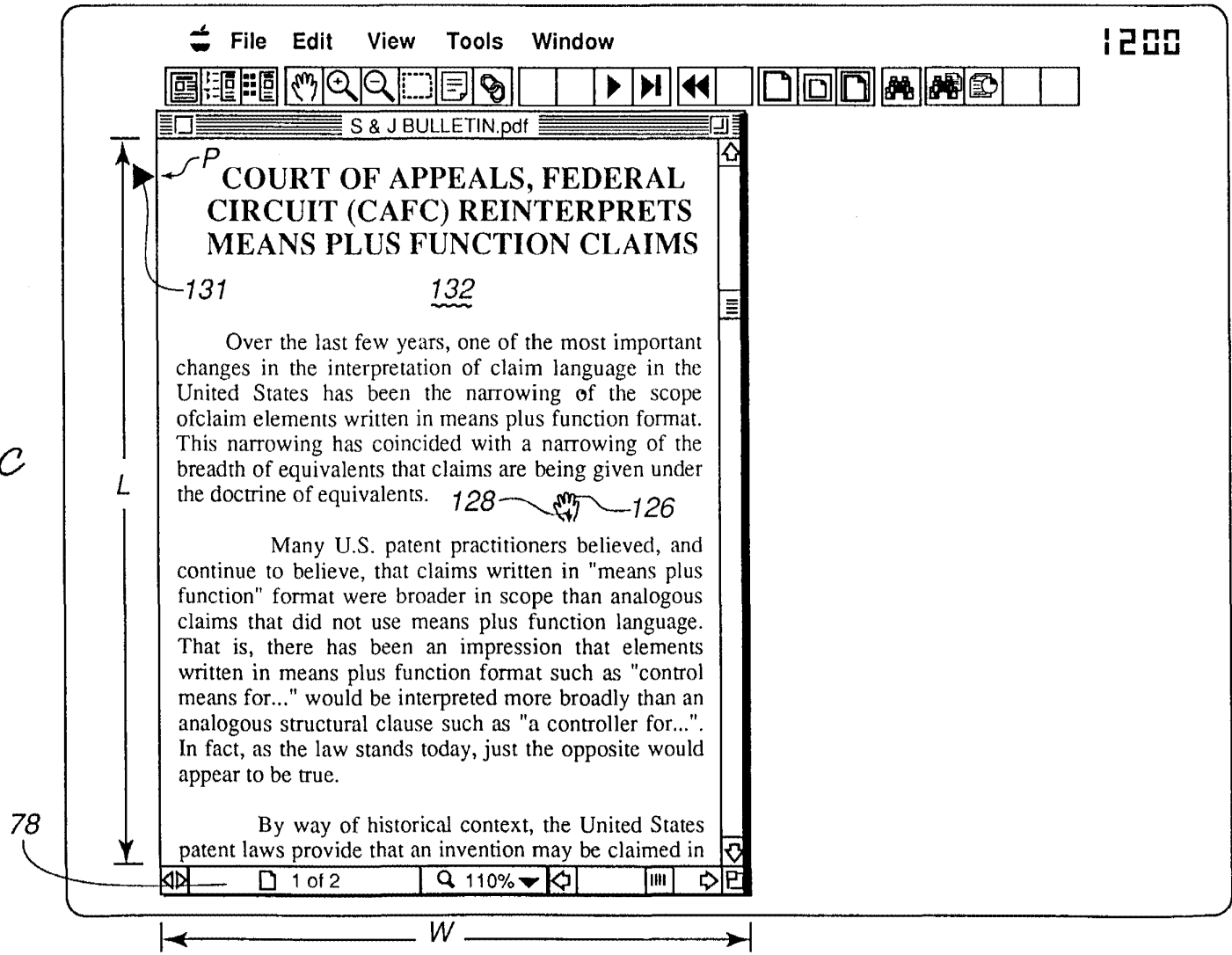


Fig. 4d

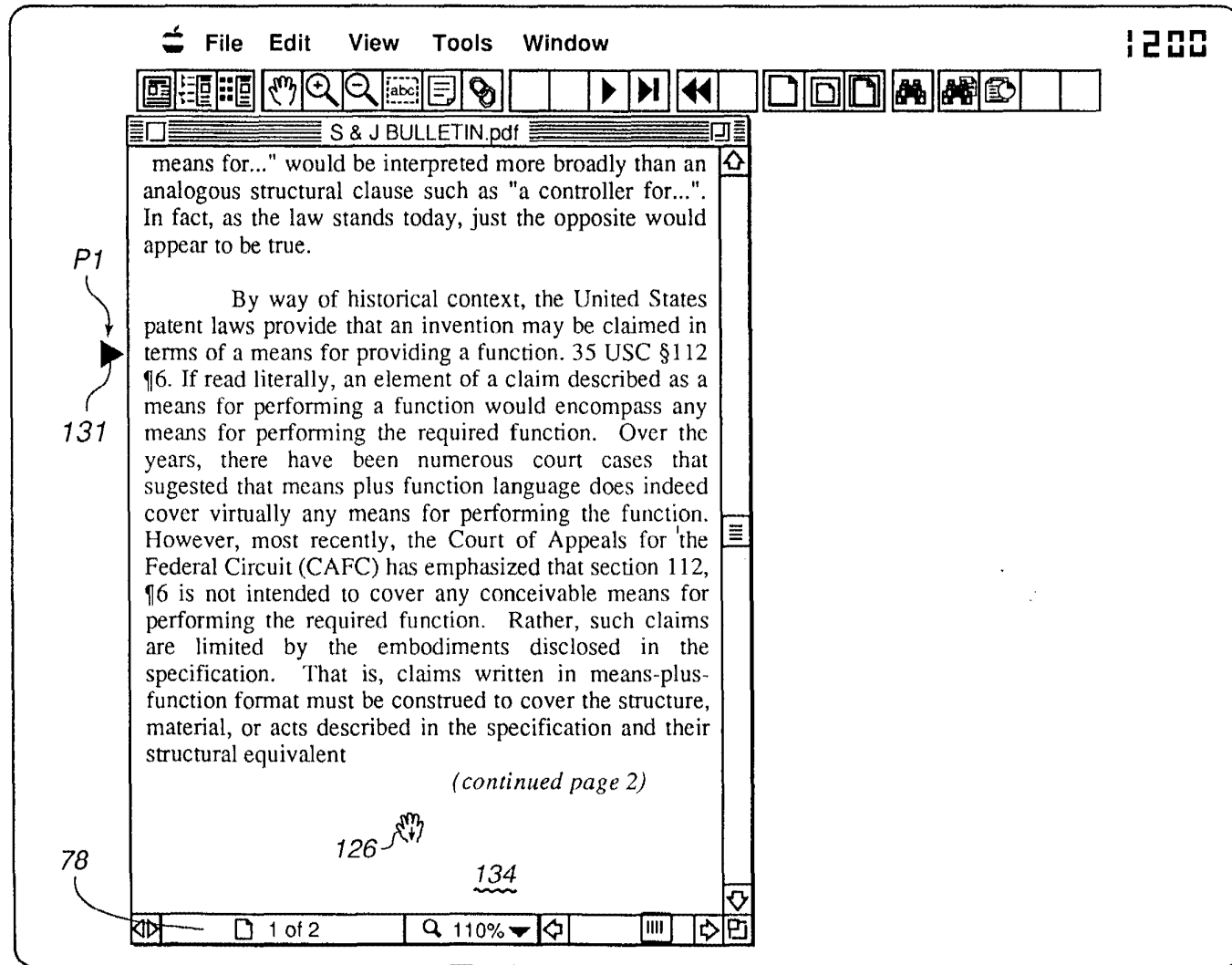


Fig. 4e

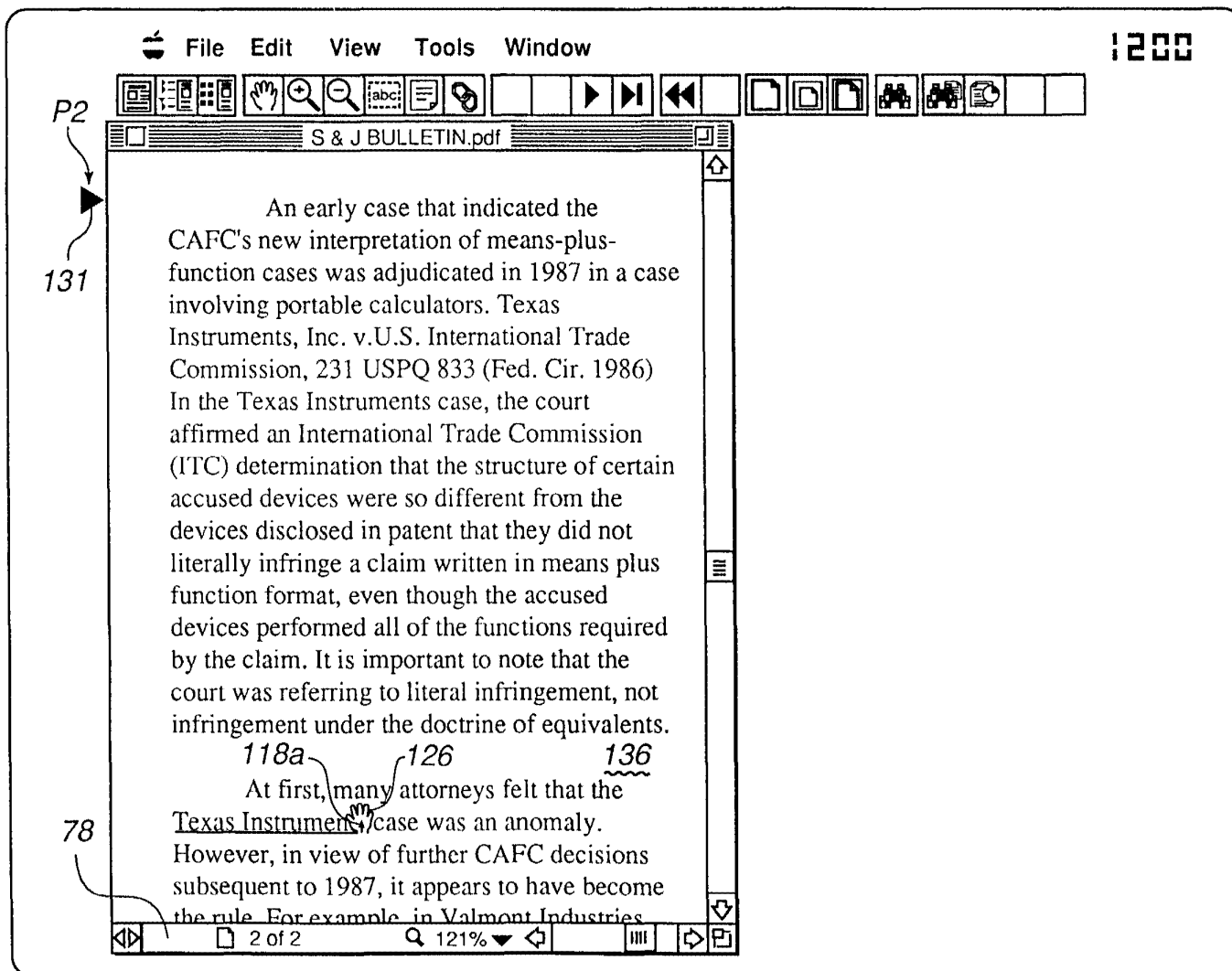


Fig. 5

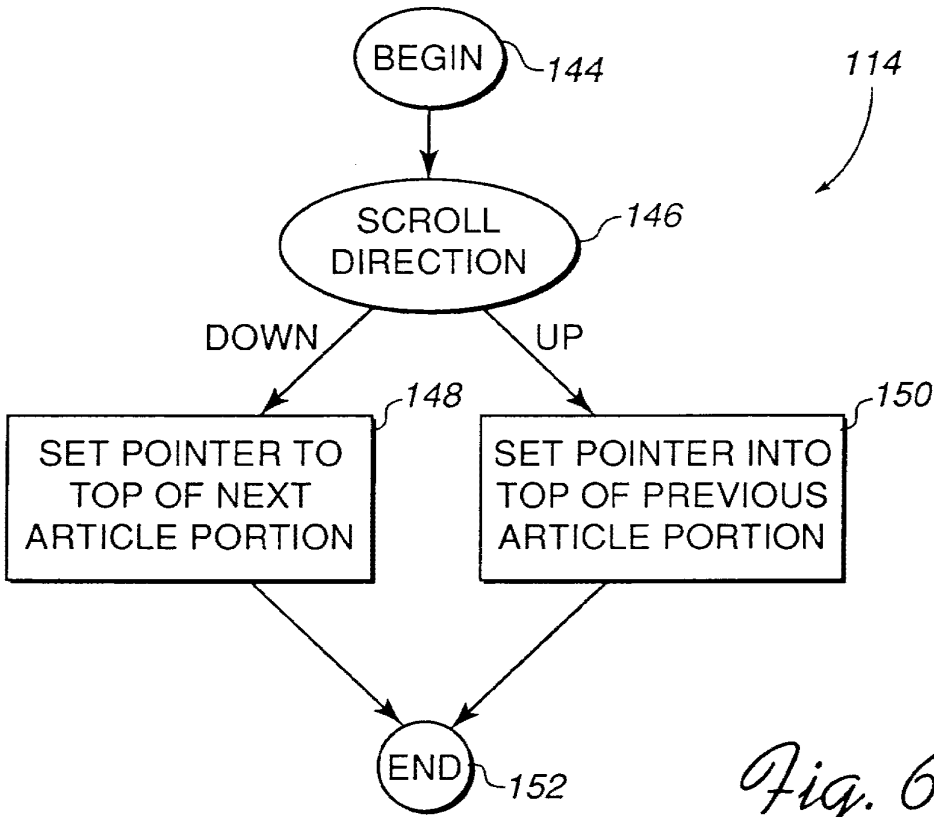
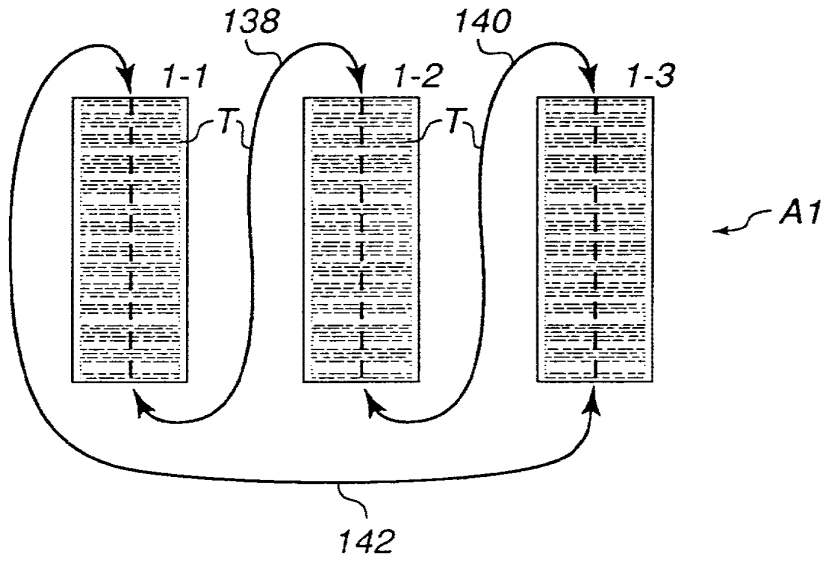


Fig. 6

148

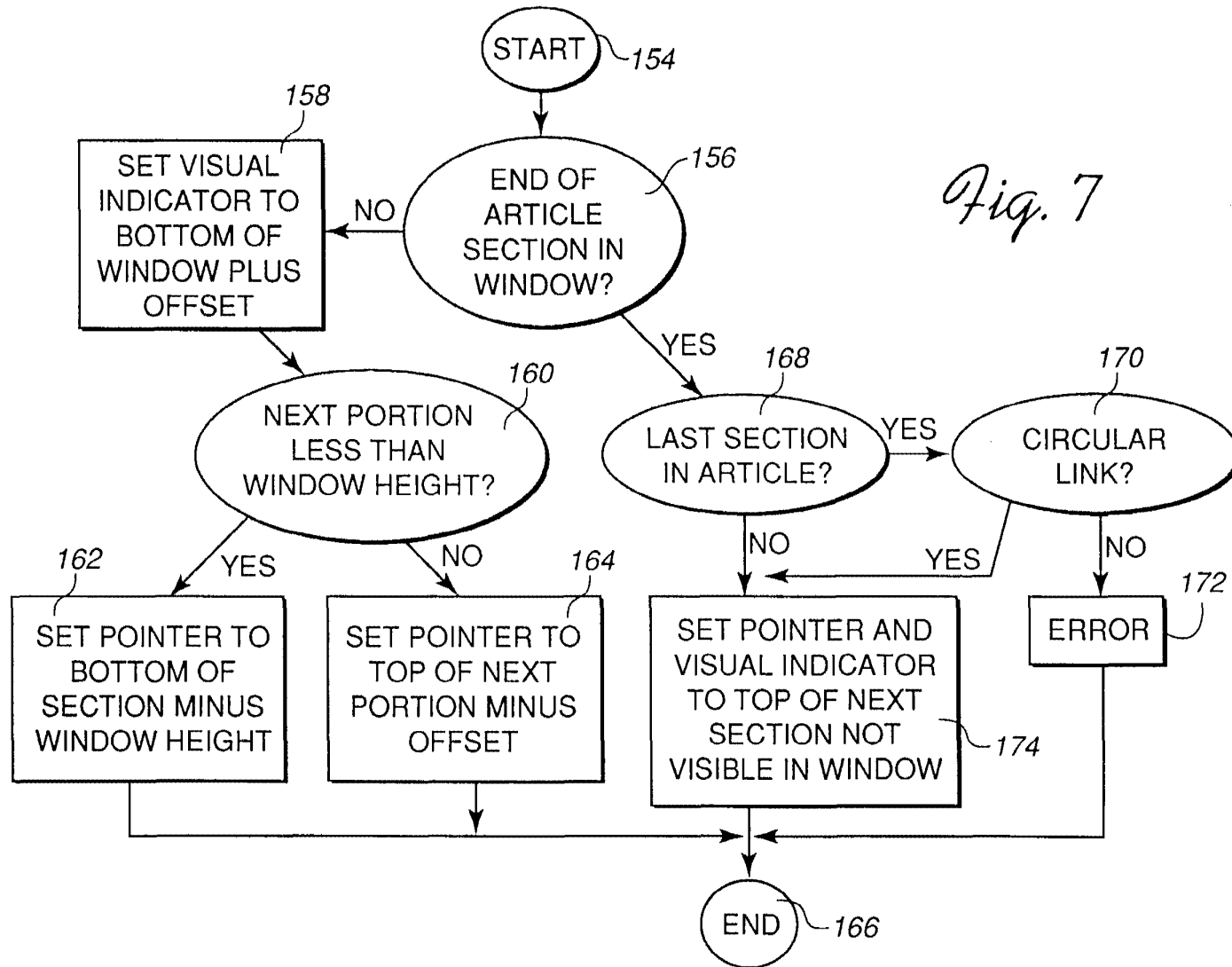


Fig. 7

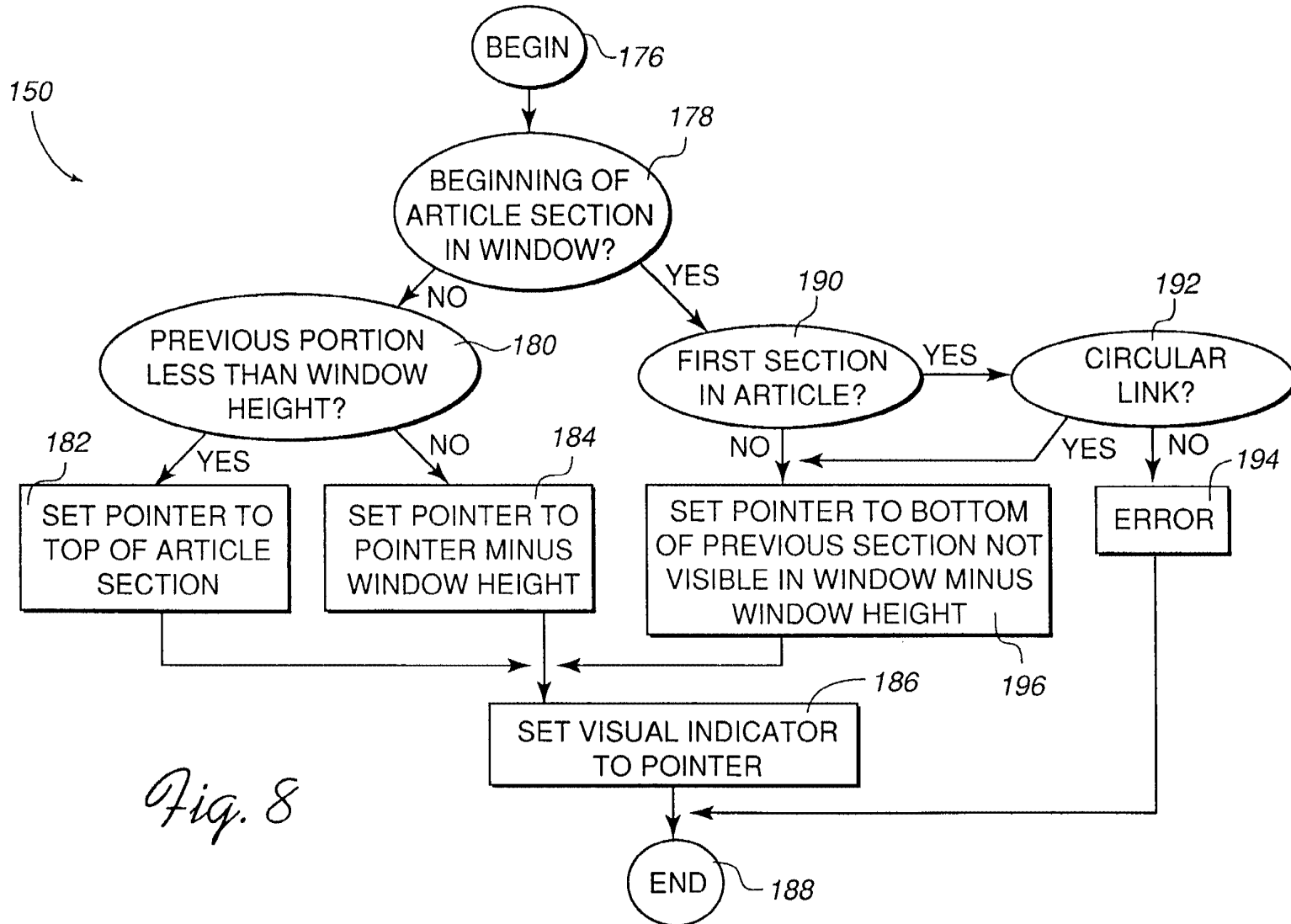


Fig. 8



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 95 30 5286

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	COMPUTER GRAPHICS, vol. 28, no. 1, February 1994 pages 59-60, S. CUNNINGHAM 'Electronic Publishing with Adobe Acrobat' * page 59, left column, last paragraph - right column, paragraph 3 * * page 59, right column, paragraph 8 * ---	1-47	G06F17/21
A	COMPUTER COMMUNICATIONS, vol. 13, no. 4, May 1990 LONDON, GB, pages 243-249, NAJAH NAFFAH 'Multimedia applications' * page 245, right column, line 45 - page 246, left column, line 35 * ---	1-47	
A	ELECTRONIC PUBLISHING: ORIGINATION, DISSEMINATION AND DESIGN, vol. 6, no. 4, December 1993 UK, pages 481-493, P. N. SMITH ET AL 'Journal publishing with Acrobat: the CAJUN project' * the whole document * ---	1-47	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	THE COMPUTER JOURNAL, vol. 32, no. 6, December 1989 CAMBRIDGE, CAMBS., GB, pages 482-493, D. F. BRAILSFORD ET AL 'Electronic Publishing - a Journal and its Production' * the whole document * -----	1-47	G06F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 18 December 1995	Examiner Abram, R
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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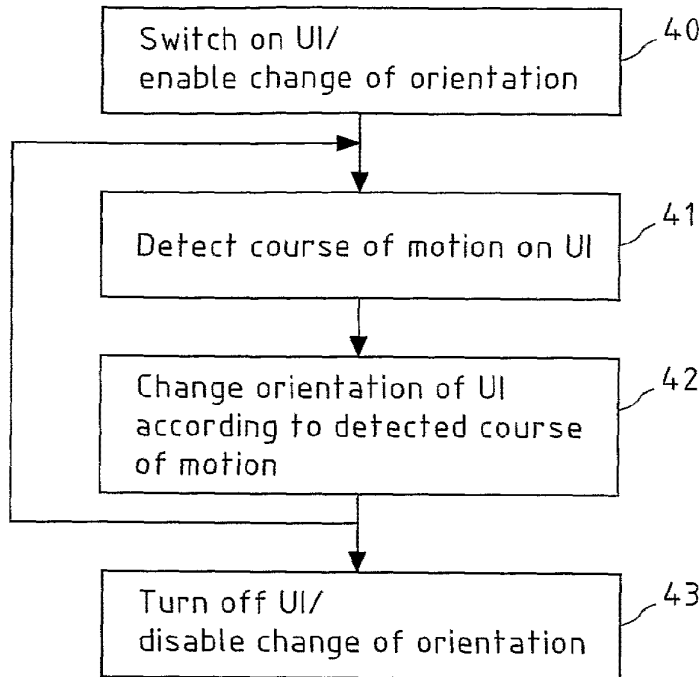
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[Continued on next page]

(54) Title: CHANGING AN ORIENTATION OF A USER INTERFACE VIA A COURSE OF MOTION



(57) Abstract: The invention relates to a method for changing an orientation of a User Interface (UI), the method comprises the steps of detecting a course of motion that is performed on the UI, and changing the orientation of the UI with respect to a device in which the UI is integrated according to the detected course of motion. The course of motion that is performed on the UI may for instance be the dragging of an element across a touch-screen display or the drawing of a gesture on a touch-screen display. The invention further relates to a device, a mobile phone, a computer program and a computer program product.

WO 2005/052773 A2



SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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**Changing an Orientation of a User Interface
Via a Course of Motion**

5

Field of the invention

The invention relates to a method for changing an orientation of a user interface.

10

Background of the invention

The ongoing miniaturization of hand-held multi-media devices such as Personal Digital Assistants (PDAs) or mobile phones in recent years appears to be only bounded by the perceptual limits of the human user. This particularly applies to the design of the User Interfaces (UIs) of hand-held devices, such as for instance displays or touch-screen displays, with a remarkable trend to increase the relative area of the hand-held device that is consumed by its UI. Portrayal of content on such UIs can be further improved by allowing for a change of the orientation of the UI with respect to the hand-held device said UI is integrated in. Such a change of the orientation of the UI may for instance take the shape of a rotation of the UI with respect to the hand-held device, so that said hand-held device can for instance be used in both horizontal and vertical position.

When the orientation of a UI is changed, the logic that controls the UI has to be adapted to the change of orientation.

Fig. 1a exemplarily depicts a mobile phone 1 with a rectangular UI 2 of size $a \times b$. In the left figure of Fig. 1a, an image is displayed on the UI 2, for instance a snapshot taken by the user of a different mobile phone

and sent to the user of the mobile phone 1 via the Multimedia Messaging Service (MMS). To view the snapshot properly, either the user of mobile phone 1 would have to rotate his mobile phone 1 by 90° clockwise, or the orientation of the UI would have to be rotated by 90° clockwise, as depicted in the right figure of Fig. 1a. Such a rotation of the orientation of the UI can be initiated by the user by pressing a key 3 on his mobile phone 1 or by browsing through the menu of his mobile phone 1 to find the menu option that allows for the rotation of the UI orientation. Rotation of the orientation of the UI 2 is performed in software, for instance by the UI controller of the mobile phone 1.

Fig. 1b shows a second example of improved portrayal of images on a UI 2 of a mobile phone 1 when rotating the orientation of the UI 2. A typical landscape image is to be viewed on the UI 2 of the mobile phone 1 as shown in the left figure of Fig. 1b. Due to the limited width of the UI 2, the landscape image is either re-sized to fit the width b of the UI 2, as shown in the upper left figure of Fig. 1b, or only a part of the entire image is displayed on the UI 2 by fitting the height of the image to the height of the display and inserting a scroll bar 4, so that the remaining parts on the right side of the image can be explored by the user of the mobile phone 1 by scrolling (see the lower left figure of Fig. 1b). Portrayal is improved by rotating the orientation of the UI 2 by 90° clockwise, for instance by pressing a key 3 of the mobile phone 1, that switches between portrait orientation (as on the left of Fig. 1b) and landscape orientation (as on the right of Fig. 1b). The full-size

image then can be viewed under optimum exploitation of the dimensions of the UI 2.

In prior art devices, the orientation of a UI can be
5 changed by pressing a hard key of the device, for
instance a portrait/landscape key 3 as in the example of
Fig. 1b. However, due to the limited size of hand-held
devices, additional hard keys are generally difficult to
10 place on the device, and assigning an already existing
hard key additional functionality, for instance that the
hard key has to be pressed for a longer duration to call
the additional functionality, may distract the user of
the device.

15 In further prior art, the change of the orientation of
the UI is implemented as a menu option of a display menu.
The user of the device then has to browse the devices
menu and find the corresponding entry in order to change
the orientation of the UI, which is a time-consuming and
20 annoying task especially when the orientation of a UI has
to be frequently changed. Furthermore, the unskilled user
of the device may not be aware of the possibility to
change the orientation of the UI or may get lost in the
menu when searching for it.

25 A further prior art approach to cause the change of the
orientation of a UI uses motion sensors in the device to
determine if the device itself is rotated by a user. For
instance, in the example of Fig. 1b, when the user
30 rotates the mobile phone 1 with the image being displayed
according to the upper or lower left figure by 90°
clockwise, the rotation is sensed by the mobile phone 1,

and the orientation of the UI 2 is automatically switched from portrait mode to landscape mode (see the right figure of Fig. 1b), without any further user interaction like pressing a hard key or similar. This approach, however, deprives the user of his freedom to choose in which orientation of the UI 2 he prefers to watch an image. Furthermore, this method may become unstable in a mobile environment where the mobile phone 1 is subject to frequent relocation and shocks.

10

Summary of the invention

It is proposed that a method for changing an orientation of a UI comprises detecting a course of motion that is performed on said UI, and changing said orientation of said UI with respect to the device said UI is integrated in according to said detected course of motion.

Said UI may for instance be a display or touch-screen display of a hand-held device. The orientation of said UI with respect to said device can be changed, for instance by rotating the UI with respect to said device. If said UI is a touch-screen display, then the complete display and input control logic is rotated. The method according to the present invention then allows a user of said device to use said device for instance in vertical and horizontal mode for both viewing content and for operating the touch-screen display. Said course of motion may be performed on said UI by a user of said device the UI is integrated in. Said course of motion is detected, and said orientation of said UI is changed according to said detected course of motion. For instance, if said course of motion is a part of a circle that is drawn on a

30

touch-screen display with a stylus, the length of the circle may be indicative of the angle by which the UI orientation is to be changed. For instance, a half circle may initiate the rotation of the UI orientation by 180°,
5 so that content is displayed upside-down on said UI.

According to a method of the present invention, said course of motion is performed on said UI via a UI interaction device. The user of the device into which
10 said UI is integrated may require such a UI interaction device to perform the course of motion on said UI.

According to a method of the present invention, said UI is a touch-screen display and said UI interaction device
15 is a touching device, in particular a stylus. Said touching device may equally well be the finger tip of a user. In addition to its text, image and/or video presentation capabilities, said touch-screen display may be capable of detecting courses of motion that are drawn
20 or written on said display as if the display was a sheet of paper, and may be of resistive, capacitive or surface wave type. Said courses of motion may for instance be lines, characters, symbols, or a simple selection of designated areas of said touch-screen-display.

25

According to a method of the present invention, said UI interaction device is a device that controls the movement of an element on said UI, in particular a track-ball or a joystick. Said element being displayed on said UI may for
30 instance be an arrow or a dot that is used for drawing or handwriting.

According to a method of the present invention, said course of motion is performed on said UI by dragging an element that is displayed on said UI. Said element may
5 for instance be a small box in the right upper corner of the UI. Dragging is performed when a stylus is placed on said box to grab the box, and then is moved across the UI in order to initiate a change of the orientation of the UI. For instance, dragging the box to the right lower
10 corner may cause a change of the orientation of the UI by 90° clockwise, dragging the box to the left upper corner may cause a change of the orientation of the UI by 90° counter-clockwise, and dragging the box to the left lower corner may cause a change of the orientation of the
15 UI by 180°. Said element that is displayed on said UI may be a soft button that is already provided on said UI for other purposes, and is assigned additional functionality, i.e. to initiate the change of the orientation of said UI, only when being dragged across the UI.

20

According to a method of the present invention, said element is located near the edge of the UI. Said element then does not unnecessarily cover the center part of the displayed content.

25

According to a method of the present invention, said course of motion is performed on said UI by drawing a gesture on said UI. Gestures may for instance be
handwritten characters or symbols that are recognized
30 when being written on a touch-screen display or drawn on a UI by the aid of a joystick or track-ball. For each possible change of the orientation of the UI, one specific gesture may be defined. Alternatively, one

gesture, such as a circle, may be defined for the change of the orientation of the UI.

According to a method of the present invention, said
5 gesture is a circle or a part thereof. The degree of completeness of the circle and/or the direction of rotation of the circle may indicate by which angle the orientation of the UI is to be rotated. For instance, a quarter circle being drawn counter-clockwise may indicate
10 that the orientation of the UI shall be rotated by 90° counter-clockwise.

According to a method of the present invention, said detected course of motion is visualized on said UI. The
15 course of motion is then not only detected, but actively displayed on the UI, so that the user that performs the course of motion can control its accomplishment.

According to a method of the present invention, said
20 orientation of said UI is changed by 90° , 180° or 270° with respect to the device said UI is integrated in. However, depending on the shape of the UI, smaller angle steps may be advantageous. For instance, in a circular UI, rotation steps of 1° or less may be preferred.

25 According to a method of the present invention, images that are displayed on said UI are transformed and/or re-scaled according to said changed orientation. Changing the orientation of a non-square UI may require
30 transformation (for instance stretching/compressing to adapt both the height and width of an image to the height and width of the rotated UI) and/or re-scaling (to fit

either the height of an image to the height of the rotated UI or the width of an image to the width of the rotated UI) of the images in order to optimally fit the dimensions of the rotated UI.

5

According to a method of the present invention, said UI is integrated in a hand-held device, in particular a mobile phone or a Personal Digital Assistant (PDA). However, the present invention may equally well be applied to television sets or computer monitors.

It is proposed that a computer program comprises instructions operable to cause a processor to perform the above-mentioned method steps. Said computer program may be executed by a central processing unit of a hand-held device such as a mobile phone or a PDA.

It is proposed that a computer program product comprises a computer program with instructions operable to cause a processor to perform the above mentioned method steps.

It is proposed that a device for changing an orientation of a UI comprises means for detecting a course of motion that is performed on said display, and means for changing said orientation of said UI with respect to a device said UI is integrated in according to said detected course of motion. Said device for changing an orientation of a UI and said device in which said UI is integrated may be the same device, or may be devices in the same device, as for instance a hand-held device.

According to a device of the present invention, said device for changing an orientation of a UI is integrated in a hand-held device, in particular a mobile phone or a
5 Personal Digital Assistant (PDA).

It is proposed that a mobile phone comprises at least one UI, means for detecting a course of motion that is performed on said UI, and means for changing an
10 orientation of said UI with respect to said mobile phone according to said detected course of motion. Said mobile phone may for instance comprise one large UI, for instance a display or a touch-screen display, for multimedia applications and one smaller UI for displaying
15 telephone numbers, incoming messages and the like. Said UIs may for instance be located on opposite sides of the mobile phone. The orientation of said at least one UI with respect to said mobile phone can be changed, for instance by rotating said UI with respect to said mobile
20 phone.

According to a mobile phone of the present invention, the mobile phone further comprises a UI interaction device, via which said course of motion is performed on said at
25 least one UI.

According to a mobile phone of the present invention, said at least one UI is a touch-screen display and said display interaction device is a touching device, in
30 particular a stylus.

According to a mobile phone of the present invention, said UI interaction device is a device that controls the

movement of an element on said at least one UI, in particular a track-ball or a joystick.

According to a mobile phone of the present invention,
5 said course of motion is performed on said at least one UI by dragging an element that is displayed on said at least one UI.

According to a mobile phone of the present invention,
10 said course of motion is performed on said at least one UI by drawing a gesture on said at least one UI.

According to a mobile phone of the present invention,
said mobile phone further comprises means for visualizing
15 said detected course of motion on said at least one UI.

According to a mobile phone of the present invention,
said orientation of said at least one UI is changed by
90°, 180° or 270° with respect to said mobile phone.
20

According to a mobile phone of the present invention,
the mobile phone further comprises means for
transforming and/or re-scaling images that are displayed
on said at least one UI according to said changed
25 orientation.

These and other aspects of the invention will be apparent
from and elucidated with reference to the embodiments
described hereinafter.
30

Brief description of the figures

In the figures is shown:

- 5 Fig. 1a: a first example of a change of the orientation of a UI according to the prior art;
- 10 Fig. 1b: a second example of a change of the orientation of a UI according to the prior art;
- 15 Fig. 2a: a first embodiment of a mobile phone according to the present invention, wherein a change of the orientation of a UI by 180° is initiated by dragging;
- 20 Fig. 2b: a first embodiment of a mobile phone according to the present invention, wherein a change of the orientation of a UI by 90° is initiated by dragging;
- 25 Fig. 3a: a second embodiment of a mobile phone according to the present invention, wherein a change of the orientation of a UI by 180° is initiated by drawing a gesture;
- 30 Fig. 3b: a second embodiment of a mobile phone according to the present invention, wherein

a change of the orientation of a UI by
90° is initiated by drawing a gesture;

Fig. 4: a flow chart of the method according to
5 the
present invention; and

Fig. 5: a device according to the present
invention.

10

Detailed description of the invention

Fig. 2a depicts a first embodiment of a mobile phone 1
according to the present invention. On the UI 2 of the
mobile phone 1 on the left of Fig. 2a, which is
15 exemplarily assumed to be a touch-screen display, an
image is shown upside-down. Furthermore, according to the
present invention, a dragging element 5 is shown in the
right upper corner of the touch-screen display 2. The
center figure of Fig. 2a schematically depicts how a user
20 of the mobile phone 1 selects the dragging element 5, for
instance by tipping it with a stylus, and drags it to the
left lower corner of the display, as indicated by arrow
6. The mobile phone detects this course of motion 6 on
its display and changes the orientation of the display by
25 180° degrees, as shown in the right figure of Fig. 2a, so
that the image now can be viewed properly.

In Fig. 2b, the touch-screen display 2 of the mobile
phone 1 is rotated by 90° clockwise by a user by dragging
30 the dragging element 5 from the right upper corner to the
right lower corner of the display, as indicated by the
arrow 7. Whereas in the left figure of Fig. 2b, the image

can not be properly viewed on the display, in the right figure of Fig. 2b, the orientation of the touch-screen display 2 has been changed in a way that the image now can be properly viewed.

5

In Fig. 3a, text is rendered by a touch-screen display 2 of a mobile phone 1, wherein said text is upside-down (see left figure). By drawing a gesture 8 on the touch-screen display 2 of the mobile phone 1, a user can change the orientation of the touch-screen display 2 by 180°
10 degrees. In the example in the center figure of Fig. 3a, this gesture is a complete circle 8 drawn counter-clockwise. As can be seen from the right figure of Fig. 3a, after the change of the orientation of the display 2,
15 the text is in correct position and can be properly read.

Quite similarly, in Fig. 3b, text that is rotated by 90° counter-clockwise (left figure) can be read properly (right figure) by changing the orientation of the display
20 2 by 90° clockwise, wherein a half circle 9 drawn clockwise is used as a gesture (center figure).

It is apparent that the present invention allows for a convenient way of changing the orientation of a UI that
25 does not require additional hard keys on the device and that does not require to browse a menu to trigger the change of the orientation. In contrast, the input capabilities that are naturally offered by a touch-screen display or by a display on which characters or curves can
30 be drawn by using a joystick, a mouse, or a track-ball, are used. With the dragging method, at least three rotation directions can be intuitively defined, when the

dragging element is located in a corner of the UI. When the dragging element is located in the center of the UI, for instance being transparent to a certain degree in order not to cover too much of the actual content, more rotation directions may be defined. With the gesture-based method, an even more robust way of initiating the change of orientation of a UI is presented, which is in particular advantageous in mobile environments, because a simple gesture such as a circle (or approximation thereof) can always be easily and precisely drawn.

Fig. 4 depicts a flowchart of the method according to the present invention. In a first step 40, the UI is turned on, or the dragging-based or gesture-based change of orientation of the UI is activated, for instance by menu selection of the user. It is then continuously checked in a step 41 whether a course of motion is performed on the UI, either by dragging or drawing a gesture on a touch-screen display or by writing or drawing characters with a display interaction means such as a joystick or trackball. In a step 42, the orientation of the UI is then changed according to the detected course of motion. The steps 41 and 42 are continuously repeated to allow for multiple rotations of the orientation of a UI for the same displayed content or for a sequence of different content, until the UI is turned off or until the dragging-based or gesture-based change of orientation of the UI is deactivated in a step 43.

Fig. 5 depicts a device according to the present invention. The device comprises a UI 53. Image data 50 is processed by a Central Processing Unit (CPU) 51, which

may for instance be the CPU of a mobile phone. Processing may comprise converting the format of image data 50 or the like. The converted image data then is forwarded to a UI controller 52, which drives the UI 53 according to the converted image data that is output by the CPU. The UI is connected to a course of motion detector 54, which detects whether any course of motion is performed on the UI 53 by a user of the mobile phone. The course of motion detector 54 may process the output signals of a touch-screen display 53, or may be capable of processing the input of a display interaction device such as a joystick, track-ball or the like. Detected course of motion then is signaled to the CPU 51, which determines the angle by which the orientation of the UI has to be changed, and converts the image data 50 accordingly, so that the image displayed on the UI 53 is rotated as indicated by the user of the mobile phone in his performed course of motion on the UI. Said conversion may further comprise transformation of the dimensions of the image to fit both the width and height of the rotated UI, or re-scaling of the image to fit either the width or the height of the rotated UI. Image data conversion may equally well be performed by the UI controller 52 instead of the CPU 51.

The invention has been described above by means of embodiments. It should be noted that there are alternative ways and variations which are obvious to a skilled person in the art and can be implemented without deviating from the scope and spirit of the appended claims. In particular, the invention is by no means limited to application in mobile phones or PDAs, it can also be used to change the orientation of a UI in

television sets or computer monitors. Various different kinds of visible and invisible dragging elements can be imagined for the dragging-based methods, and various kinds of segmented gestures representing different angles
5 of rotation and families of gestures, wherein each family member defines one specific angle of rotation, may be thought of. The dragging-based method and the gesture-based method are well suited for joint application in the same device.

Claims

1. A method for changing an orientation of a User Interface (UI), comprising:
 - 5 - detecting a course of motion that is performed on said UI, and
 - changing said orientation of said UI with respect to a device said UI is integrated in according to said detected course of motion.
- 10 2. The method according to claim 1, wherein said course of motion is performed on said UI via a UI interaction device.
- 15 3. The method according to claim 2, wherein said UI is a touch-screen display and wherein said UI interaction device is a touching device.
- 20 4. The method according to claim 2, wherein said UI interaction device is a device that controls the movement of an element on said UI.
- 25 5. The method according to claim 1, wherein said course of motion is performed on said UI by dragging an element that is displayed on said UI.
6. The method according to claim 5, wherein said element is located near an edge of the UI.
- 30 7. The method according to claim 1, wherein said course of motion is performed on said UI by drawing a gesture on said UI.

8. The method according to claim 7, wherein said gesture is a circle of a part thereof.
9. The method according to claim 1, wherein said detected
5 course of motion is visualized on said UI.
10. The method according to claim 1, wherein said orientation of said UI is changed by 90°, 180° or 270° with respect to the device said UI is integrated in.
10
11. The method according to claim 1, wherein images that are displayed on said UI are transformed and/or re-scaled according to said changed orientation.
- 15 12. The method according to claim 1, wherein said UI is integrated in a hand-held device, in particular a mobile phone or a Personal Digital Assistant (PDA).
13. A computer program stored on a data processing
20 readable medium, the computer program with instructions operable to cause a processor to perform the method steps of claim 1.
14. A computer program product stored on a data
25 processing readable medium, the computer program comprising a computer program with instructions operable to cause a processor to perform the method steps of claim 1.
- 30 15. A device for changing an orientation of a UI, comprising:

- means for detecting a course of motion that is performed on said UI, and
- means for changing said orientation of said UI with respect to a device said UI is integrated in according to said detected course of motion.

16. The device according to claim 15, wherein said device for changing an orientation of said UI is integrated in a hand-held device, in particular a mobile phone or a Personal Digital Assistant (PDA).

17. A mobile phone, comprising:

- at least one UI,
- means for detecting a course of motion that is performed on said UI, and
- means for changing an orientation of said UI with respect to said mobile phone according to said detected course of motion.

18. The mobile phone according to claim 17, further comprising a UI interaction device, via which said course of motion is performed on said at least one UI.

19. The mobile phone according to claim 18, wherein said at least one UI is a touch-screen display and wherein said UI interaction device is a touching device.

20. The mobile phone according to claim 18, wherein said UI interaction device is a device that controls the movement of an element on said at least one UI.

21. The mobile phone according to claim 17, wherein said course of motion is performed on said at least one UI by dragging an element that is displayed on said at least one UI.
- 5
22. The mobile phone according to claim 17, wherein said course of motion is performed on said at least one UI by drawing a gesture on said at least one UI.
- 10
23. The mobile phone according to claim 17, further comprising means for visualizing said detected course of motion on said at least one UI.
- 15
24. The mobile phone according to claim 17, wherein said orientation of said at least one UI is changed by 90°, 180° or 270° with respect to said mobile phone.
- 20
25. The mobile phone according to claim 17, further comprising means for transforming and/or re-scaling images that are displayed on said at least one UI according to said changed orientation.

1/4

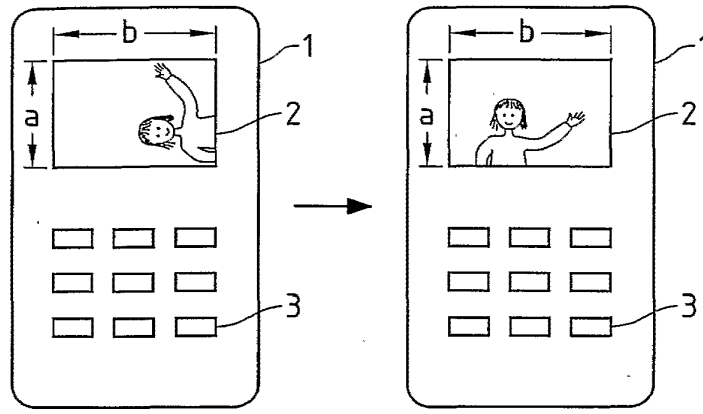


Fig.1a Prior Art

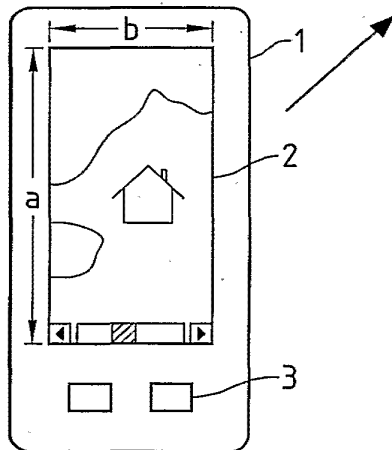
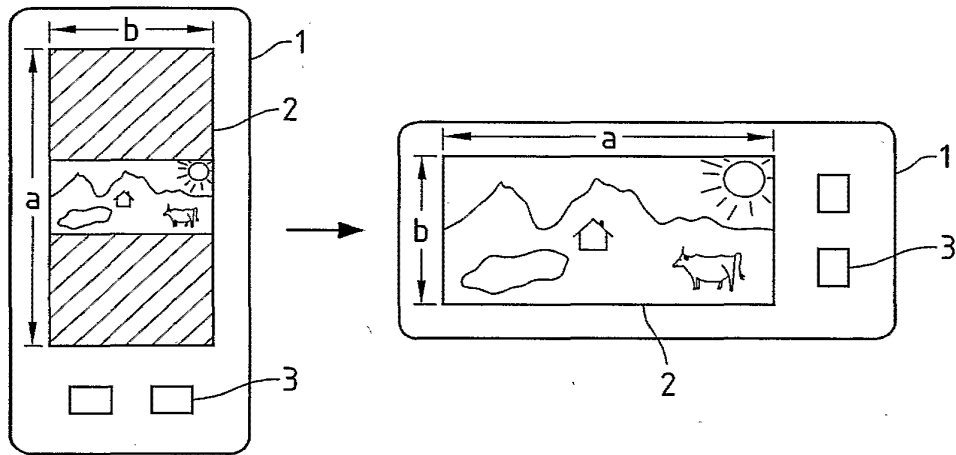


Fig.1b Prior Art

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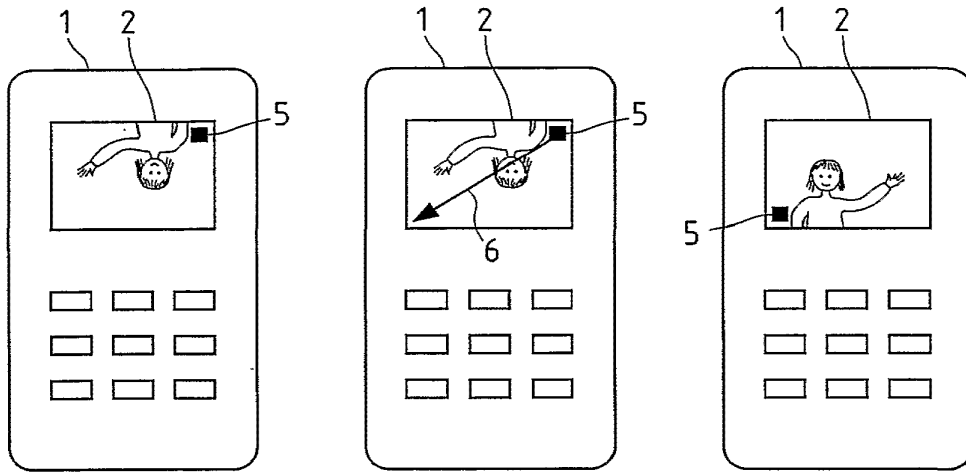


Fig.2a

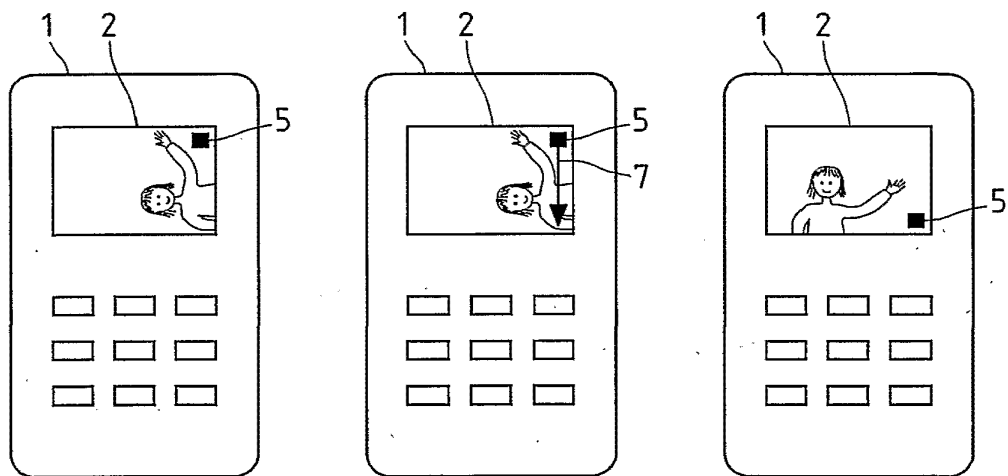


Fig.2b

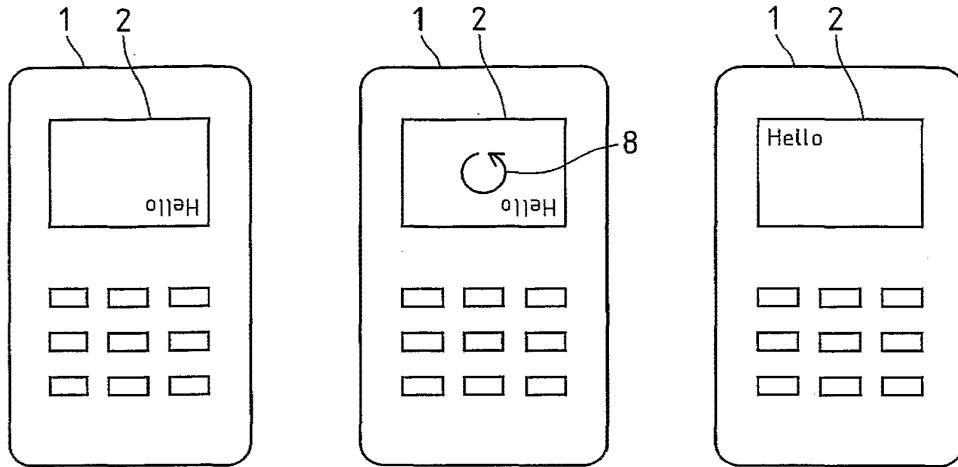


Fig.3a

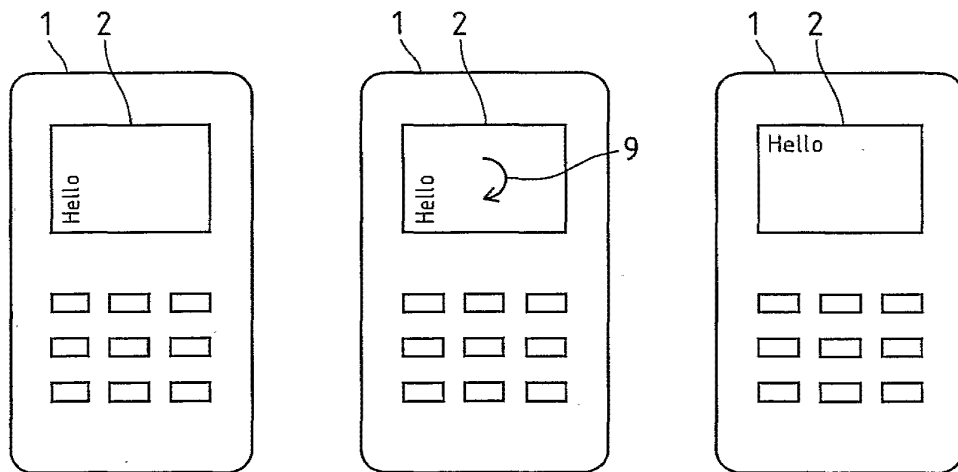


Fig.3b

4/4

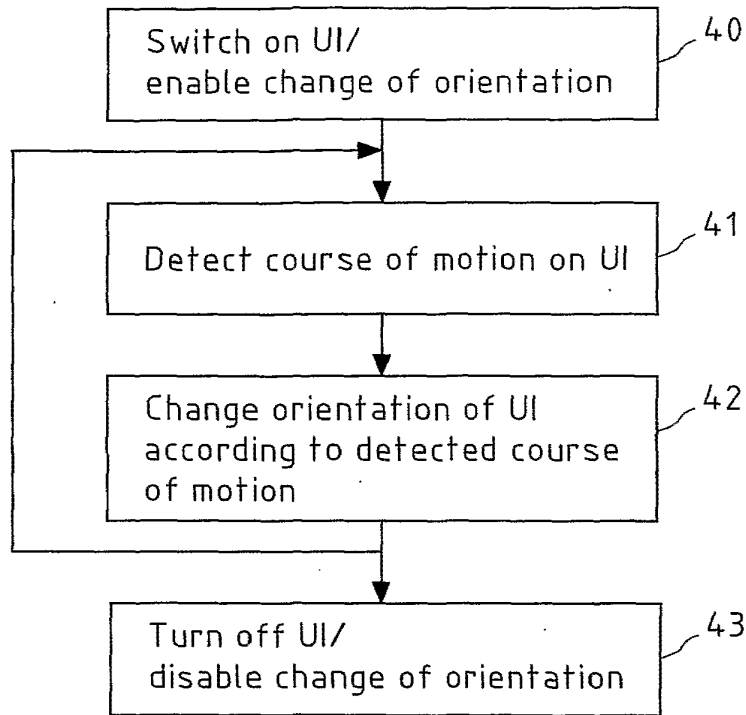


Fig.4

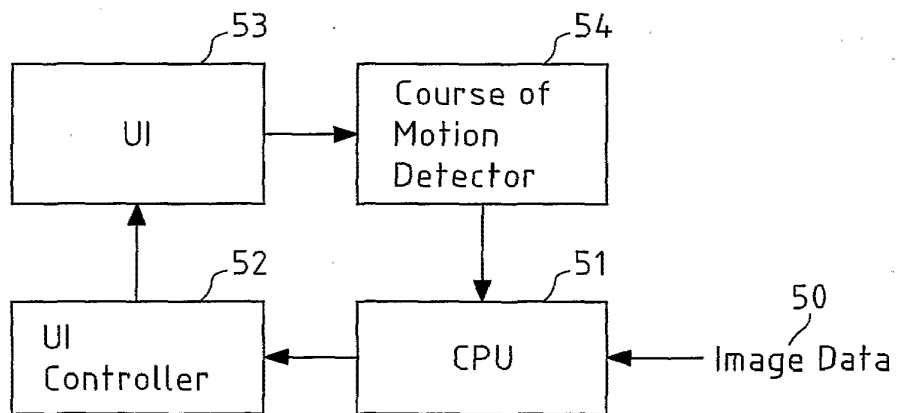


Fig.5

PATENT COOPERATION TREATY

63266-5054-WO
Gsu

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

To:
MORGAN LEWIS & BOCKIUS LLP
Attn. Williams, Gary S.
2 Palo Alto Square
3000 El Camino Real, Suite 700
Palo Alto, CA 94306
ETATS-UNIS D'AMERIQUE

(PCT Rule 44.1)

Date of mailing (day/month/year)	19/09/2008
Applicant's or agent's file reference 63266-5054WO	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US2008/050292	International filing date (day/month/year) 04/01/2008
Applicant APPLE INC.	

1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:
The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the International Search Report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70

For more detailed instructions, see the notes on the accompanying sheet.

2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-2016	Authorized officer Stylianos Vasilakis	RECEIVED DACTYING SEP 26 2008 MORGAN LEWIS
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NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Volume I/A, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 63266-5054WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2008/050292	International filing date (day/month/year) 04/01/2008	(Earliest) Priority Date (day/month/year) 07/01/2007
Applicant APPLE INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 7 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of:

- the international application in the language in which it was filed
 a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box No. II)

3. Unity of invention is lacking (see Box No III)

4. With regard to the title,

- the text is approved as submitted by the applicant
 the text has been established by this Authority to read as follows:

LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING AND ROTATION ON A TOUCH-SCREEN DISPLAY

5. With regard to the abstract,

- the text is approved as submitted by the applicant
 the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 8C
 as suggested by the applicant
 as selected by this Authority, because the applicant failed to suggest a figure
 as selected by this Authority, because this figure better characterizes the invention
- b. none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2008/050292

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

In accordance with some embodiments, a computer-implemented method for use in conjunction with a device (100) with a touch screen display (112) is disclosed. In the method, a movement (3925) of an object on or near the touch screen display (112) is detected. In response to detecting the movement (3925), an electronic document (3912) displayed on the touch screen display (112) is translated in a first direction (3928-2). If an edge of the electronic document (3912) is reached while translating the electronic document (3912) in the first direction (3928-2) while the object is still detected on or near the touch screen display (112), an area (3930) beyond the edge of the document (3912) is displayed. After the object is no longer detected on or near the touch screen display (112), the document (3912) is translated in a second direction (3928-1) until the area (3930) beyond the edge of the document is no longer displayed.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2008/050292

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F3/048 H04M1/725

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/021676 A1 (CHEN HUNG-MING [TW] ET AL) 5 February 2004 (2004-02-05) the whole document	1-22
Y	WO 03/060622 A (KONINKL PHILIPS ELECTRONICS NV [NL]) 24 July 2003 (2003-07-24) the whole document	23-42
Y	TIDWELL ET AL: "Designing Interfaces" 20051101, 1 November 2005 (2005-11-01), XP002478404 Section "85. magnetism"	1-42, 48-62
	-/--	

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

9 September 2008

Date of mailing of the international search report

19/09/2008

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kanlis, Angelos

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2008/050292

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/020305 A (APPLE COMPUTER [US]; HOTELLING STEVE [US]; STRICKON JOSHUA A [US]; HUP) 23 February 2006 (2006-02-23) page 24, line 1 - page 28, line 10 figures 10-15C	1-42
A	WO 02/01338 A (INTEL CORP [US]; MILLER ALYSON [US]; MERRILL CINDY [US]; LUNDELL JAMES) 3 January 2002 (2002-01-03) page 3, line 5 - page 4, line 12 figures 2-4	1-42
Y	US 2006/025218 A1 (HOTTA TAKUJI [JP]) 2 February 2006 (2006-02-02) paragraphs [0050], [0058], [0083], [0091], [0109] - [0111], [0130] - [0132], [0140]; figures 1,4,10-12,14,20	43-47
Y	US 2003/184525 A1 (TSAI ALEX [TW]) 2 October 2003 (2003-10-02) paragraphs [0020] - [0030]; figures 2A-3	43-47
A	WO 2005/052773 A (NOKIA CORP [FI]; FABRITIUS HENNA [FI]) 9 June 2005 (2005-06-09) page 13, line 6 - page 15, line 23 figures 3a-5	43-47
Y	US 2004/155888 A1 (PADGITT DAVID GARY [US] ET AL) 12 August 2004 (2004-08-12) paragraphs [0012], [0020] - [0024], [0026]; figures 1-12	48-73
Y	EP 0 701 220 A (ADOBE SYSTEMS INC [US]) 13 March 1996 (1996-03-13) page 8, lines 3-26 figure 4c	63-73
A	WO 2006/003591 A (KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS CORP [US]; HOLLEMANS GERA) 12 January 2006 (2006-01-12) page 4, line 31 - page 5, line 25 figures 2-4	63-73

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/050292

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-42

Translating an electronic document or list of items in response to gestures on a touch screen display.

2. claims: 43-47

Executing rotation commands in response to a multifinger twisting gesture on a touch screen display.

3. claims: 48-73

Scaling of an electronic document in response to a gesture on a touch screen display.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/050292

Patent document cited in search report	A1	Publication date	Patent family member(s)	Publication date
US 2004021676	A1	05-02-2004	TW 591488 B	11-06-2004
WO 03060622	A	24-07-2003	AU 2002367041 A1 CN 1695105 A EP 1459165 A2 JP 2005515530 T US 2003122787 A1 US 2004125088 A1	30-07-2003 09-11-2005 22-09-2004 26-05-2005 03-07-2003 01-07-2004
WO 2006020305	A	23-02-2006	DE 202005021427 U1 DE 202005021492 U1 EP 1774429 A2 JP 2008508601 T KR 20070039613 A	14-02-2008 08-05-2008 18-04-2007 21-03-2008 12-04-2007
WO 0201338	A	03-01-2002	AU 6830201 A EP 1295198 A1 TW 525080 B US 6912694 B1	08-01-2002 26-03-2003 21-03-2003 28-06-2005
US 2006025218	A1	02-02-2006	JP 2006034754 A	09-02-2006
US 2003184525	A1	02-10-2003	NONE	
WO 2005052773	A	09-06-2005	CN 1882905 A EP 1687701 A2 KR 20060091321 A US 2005114788 A1	20-12-2006 09-08-2006 18-08-2006 26-05-2005
US 2004155888	A1	12-08-2004	NONE	
EP 0701220	A	13-03-1996	CA 2154951 A1 DE 69521575 D1 DE 69521575 T2 JP 3818683 B2 JP 8190547 A US 5634064 A	13-03-1996 09-08-2001 16-05-2002 06-09-2006 23-07-1996 27-05-1997
WO 2006003591	A	12-01-2006	EP 1763732 A2 JP 2008505382 T KR 20070026659 A	21-03-2007 21-02-2008 08-03-2007

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(PCT Rule 43*bis*.1)

To:

see form PCT/ISA220

Date of mailing
(day/month/year) see form PCT/ISA210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US2008/050292

International filing date (day/month/year)
04.01.2008

Priority date (day/month/year)
07.01.2007

International Patent Classification (IPC) or both national classification and IPC
INV. G06F3/048 H04M1/725

Applicant
APPLE INC.

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, with the expiration of 3 months from the date of mailing of Form PCT/ISA220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA220.

3. For further details, see notes to Form PCT/ISA220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Date of completion of
this opinion

see form
PCT/ISA210

Authorized Officer

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2008/050292

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - the international application in the language in which it was filed
 - a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material:
 - on paper
 - in electronic form
 - c. time of filing/furnishing:
 - contained in the international application as filed.
 - filed together with the international application in electronic form.
 - furnished subsequently to this Authority for the purposes of search.
4. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2008/050292

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees, the applicant has, within the applicable time limit:
- paid additional fees
 - paid additional fees under protest and, where applicable, the protest fee
 - paid additional fees under protest but the applicable protest fee was not paid
 - not paid additional fees
2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- complied with
 - not complied with for the following reasons:
see separate sheet
4. Consequently, this report has been established in respect of the following parts of the international application:
- all parts.
 - the parts relating to claims Nos.

Box No. V Reasoned statement under Rule 43b/s.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	<u>1-73</u>
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	<u>1-73</u>
Industrial applicability (IA)	Yes: Claims	<u>1-73</u>
	No: Claims	

2. Citations and explanations

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2008/050292

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Re Item IV.

1. The separate inventions/groups of inventions are:

Claims 1-42

Translating an electronic document or list of items in response to gestures on a touch screen display.

Claims 43-47

Executing rotation commands in response to a multifinger twisting gesture on a touch screen display.

Claims 48-73

Scaling of an electronic document in response to a gesture on a touch screen display.

They are not so linked as to form a single general inventive concept (Rule 13.1 PCT) for the following reasons:

The use of gestures on a touch screen display for translation, rotation and scaling is known, e.g., from document WO2006/020305 (see, e.g., figures 13A-13D, 15A-15C, 11A-11H respectively and the associated text of the description).

The remaining features (i.e., special technical features in the sense of Rule 13.2 PCT) of the independent claims, in particular claims 2, 43 and 63, relate to a) translating in a second direction for aligning a document's edge with an edge of a display region, b) executing a 90° or reverse rotation command, depending on the degree of rotation of the gesture and c) displaying a portion of an electronic document in a predefined magnification, i.e., they relate to different aspects, each peculiar to translation, rotation or scaling respectively.

In conclusion, the groups of claims are not linked by common or corresponding special technical features and define three different inventions not linked by a single general inventive concept.

The application, hence does not meet the requirements of unity of invention as defined in Rules 13.1 and 13.2 PCT.

Re Item V.

2. Reference is made to the following documents:

D1: US 2004/021676 A1

D2: J. Tidwell: "Designing Interfaces"

D3: WO 03/060622 A

D4: US 2006/025218 A1

D5: US 2003/184525 A1

D6: US 2004/155888 A1

D7: EP-A-0 701 220

3. INDEPENDENT CLAIM 2

The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 2 does not involve an inventive step in the sense of Article 33(3)PCT.

Document D1 discloses a computer-implemented method (see D1: figure 2), comprising:

- at a device (see D1: reference sign 10) with a touch screen display (see D1: reference sign 11),
- detecting a movement of an object (see D1: reference sign 121) on the touch screen display (see D1: step S202); and
- in response to detecting the movement, translating an electronic document (see D1: paragraph [0021] and figure 3A) displayed on the touch screen display in a first direction (see D1: steps S204 and S207).

Document D1 discloses that, when an edge of the document is reached (as can be understood from D1: paragraph [0024], "*When the view window page 31 moves along a scrolling direction requested by the user, the path... comprises a plurality of scrolling*

signals", paragraph [0026], "*If... the view window page 31 has been scrolled to the end (or the top)*" and step S208), translation of the document is stopped (see D1: paragraph [0026], "*the view window page 31 will not be scrolled further (the moveable distance is zero)*" and step S208), hence the edge of the document remains aligned with the edge of the view window.

The subject matter of claim 2 differs from the disclosure of document D1 in that the document is allowed to be translated beyond its edge, which is then aligned with the edge of the view window, when the finger movement is no longer detected.

It is not clear what technical problem is solved by these features. The application identifies the problem to be solved as implementing the translation in such a way as to reflect the user's intent (see paragraph [0005] of the description of the present application). However, it is clear from the wording of claim 2, that "the object is still detected on the touch screen display", even after "an edge of the electronic document being reached", that the user's intent is not to align the document's edge with that of the view window but to keep translating the electronic document beyond its edge; hence, the aforementioned features go against the user's intent.

Assuming that the objective is to maximize the document area displayed in the view window, this is achieved by the alignment of the document's edge with that of the view window, i.e., by the features disclosed in document D1, and the additional features of claim 2 identified above represent a visual effect that does not solve any technical problem; hence, they do not add anything of inventive significance to the subject matter of claim 2, since they are readily derived from the visual-design requirements, i.e., the specifications provided to the skilled person, without requiring the exercise of inventive skill.

On the other hand, if the technical objective is identified as enabling the user to align the edge of the document with that of the view window without the need to perform precise input operations on the touch screen, then the aforementioned features of claim 2 correspond to a well-known technique of user-interface design (see D2: section "85. Magnetism": "*Magnetism helps compensate for users' lack of perfect dexterity with a*

mouse"; "When a user drags an object close to another object's edge, make it snap to the other object", "Objects that can be 'magnetic' might include... Canvas edges, margins, and screen edges").

Since, depending on the definition of the objective, the additional features defined in claim 2 either do not serve to solve a technical problem (i.e., they are pure design options) or correspond to a known user-interface design technique, the subject matter of claim 2 does not involve an inventive step in the sense of Article 33(3) PCT.

4. INDEPENDENT CLAIM 1

The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 1 does not involve an inventive step in the sense of Article 33(3)PCT.

The additional features defined in independent claim 1 are also known either from document D1 or from the general knowledge of the person skilled in the art of user-interface design. In particular, document D1 discloses a portable multifunction device (see D1: paragraph [0020], "tablet PC" and "PDA") and the use of a finger for interacting with the touch screen display (see D1: paragraph [0020], "via a finger of a user"), while providing a visually distinct area beyond the edge of the document is known from popular electronic-document viewers, such as Microsoft Word and Adobe Acrobat Reader. Finally, it is obvious that the translation in the second direction has to be in a direction opposite the first (in order to cancel the initial translation beyond the edge of the electronic document) and simulating a damped motion is a matter of visual-design nature that is part of the specification and not the solution of a technical problem.

As a consequence, the subject matter of independent claim 1 does not involve an inventive step in the sense of Article 33(3) PCT.

5. INDEPENDENT CLAIMS 23, 24

The present application does not meet the criteria of Article 33(1) PCT, because the

subject matter of claims 23 and 24 does not involve an inventive step in the sense of Article 33(3)PCT.

The subject matter of independent claims 23 and 24 corresponds to that of claims 1 and 2, wherein the translated object is a list of items instead of an electronic document. Document D3 discloses scrolling a list of items in response to finger gestures on a touch screen (see D3: figure 1 and page 4, line 29-page 5, line 10), wherein scrolling is stopped when an end of the list of items is reached (see D3: page 2, lines 10-14).

As a consequence, the argumentation presented above in connection with the subject matter of claims 1 and 2 is also valid for the subject matter of claims 23 and 24, using document D3 in lieu of document D1.

6. INDEPENDENT CLAIM 43

The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 43 does not involve an inventive step in the sense of Article 33(3)PCT.

Document D4 discloses a computer-implemented method (see, e.g. D4: figures 14 and 20), comprising:

- at a device (see D4: reference sign 10) with a touch screen display (see D4: reference sign 14 and figure 22, as well as paragraphs [0058] and [0140]),
- detecting a multifinger twisting gesture on or near the touch screen display (see D4: step S5), wherein the multifinger twisting gesture has a corresponding degree of rotation (see D4: figure 4 and paragraph [0083]);
- if the corresponding degree of rotation exceeds a predefined degree of rotation (see D4: paragraphs [0091], [0110], [0111], [0130], [0131], " θ_1 " or " θ_2 "), executing a special action (see D4: step S103 or S107, as well as paragraphs [0110], [0111], [0130], [0131], "*first special action*" or "*second special action*"); and
- if the corresponding degree of rotation is less than the predefined degree of rotation, executing a screen rotation command with an acute angle of rotation (see D4: step S109, as well as paragraph [0132]).

The subject matter of independent claim 43 differs from the disclosure of document D4 in that the special action is a 90° screen rotation command and that a screen rotation command with an angle of rotation opposite to the acute angle is executed upon ceasing to detect the multifinger twisting gesture while the corresponding degree of rotation is less than the predefined degree of rotation.

However, it is evident that the "special action" mentioned in document D4 will be dictated by the nature and requirements of the particular software application and being a "90° screen rotation command", as defined in claim 43, is an implementation detail that comes from the specifications provided to the skilled person and not from the solution of a technical problem. Furthermore, the reverse screen rotation does not serve to solve any technical problem either, certainly not the problem mentioned in paragraph [0005] of the description of the present application, since the user's intent is obviously not to return to the original orientation (see also section 3 above).

At this juncture, it should also be noted that the end result of the method of claim 43 is that rotation is performed either with a 90° angle or not at all, depending on whether the rotation angle exceeds a predefined threshold or not; in other words, only orientation changes at 90° intervals are allowed.

Document D5 discloses such a setup, wherein desired orientations have directions of 0°, 90°, 180° and 270° (see D5: paragraph [0022]) and the determined rotation angle (see D5: paragraphs [0022]-[0024] and step 34) may result only in a rotation towards one of the predefined orientations (see, e.g., D5: figures 2A-2C). It is obvious that, in a setup such as that of document D5, the method of document D4 will result in a 90° rotation or a restoration of the original orientation, i.e., rotation with an angle opposite to the acute angle, while the transition towards the final orientation (i.e., being a smooth transition or a jump) is a matter of design.

As a consequence, the subject matter of independent claim 43 does not involve an inventive step in the sense of Article 33(3) PCT.

7. INDEPENDENT CLAIM 63

The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 63 does not involve an inventive step in the sense of Article 33(3)PCT.

Document D6 discloses a computer-implemented method of displaying an electronic document (see D6: paragraph [0020], *"jigsaw puzzle-like topographical map"*), comprising:

- at a device (see D6: reference sign 10) with a touch screen display (see D6, reference sign 12 and paragraph [0012], last sentence, *"touch screen"*),
- displaying a first portion of the electronic document at a first magnification (see D6: figure 2 and paragraph [0020]);
- detecting a gesture on or near the touch screen display corresponding to a command to zoom in by a user-specified amount (see D6: paragraph [0024], *"A zooming-in operation may also be performed by the consumer tapping, for example twice, within the display of images displayed on a touch screen display"*); and
- in response to detecting the gesture, displaying decreasing portions of the electronic document at increasing magnifications until a predefined magnification is reached (see D6: paragraph [0026], *"Zooming may continue in this manner until the "lowest" parameter is reached or a level is reached where the graphical details of the images are very discernable, i.e., the system reaches the maximum zoom-in level where even the labels provided to images including generic images are discernable"* and paragraph [0023], *"when the maximum zoom-in level is reached, the zoom-in button 32 may be grayed, faded, or the like to indicate that no further zooming-in is permitted"*).

The subject matter of claim 63 differs from the disclosure of document D6 in that zooming in is allowed even after the predefined magnification is reached, whereas, upon termination of the gesture, the magnification of the displayed document reverts to the predefined magnification.

For the same reasons explained in section 3 above, it is not clear what technical problem these features solve. They certainly do not solve the problem identified in the present application (i.e., implementing the scaling in such a way as to reflect the user's intent; see paragraph [0005] of the description of the present application), since it is evident

from the wording of claim 63 that the user's intent is to keep zooming in even after the predefined magnification is reached.

If the objective is to display as much of the document as possible, while the document is still readable, this is achieved by setting the magnification to the maximum zoom-in level, i.e., the method of document D6 (see, e.g., D6: paragraph [0026], "*maximum zoom-in level where even the labels provided to images including generic images are discernable*") and the additional features of claim 63 identified above represent a visual effect that does not solve any technical problem; hence, they do not add anything of inventive significance to the subject matter of claim 63 and they are readily derived from the visual-design requirements, i.e., the specifications provided to the skilled person, without requiring the exercise of inventive skill.

Finally, it should also be noted that automatically setting the current zoom to a maximum amount of magnification at which reading is comfortable is also disclosed in document D7 (see D7: page 8, lines 10-26). Thus, even if no restriction were imposed on the magnification in document D6 (i.e., it were allowed to exceed the maximum zoom-in level), the skilled person would be aware of the benefits provided by the automatic adjustment of the magnification to the maximum zoom-in level and would readily incorporate this in the method of document D6, so that no precise input operation by the user be required, thus arriving at the definition of present claim 63.

As a consequence, the subject matter of independent claim 63 does not involve an inventive step in the sense of Article 33(3) PCT.

8. INDEPENDENT CLAIM 48

The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 48 does not involve an inventive step in the sense of Article 33(3)PCT.

The method defined by independent claim 48 corresponds to that of claim 63, wherein the scaling operation relates to a zoom-out process. Document D6 is also concerned

with zooming out up to a maximum zoom-out level (see D6: paragraph [0023], "*When the maximum zoom-out level is reached, the zoom-out button 30 may be grayed, faded, or the like to indicate that no further zooming-out is permitted in that direction*") where the electronic document is entirely displayed (see D6: paragraph [0021], "*At the maximum out zoom level, i.e., the view using the topographical map*" and figure 2).

Since the zoom-out button of document D6 (see D6: reference sign 32) appears as a virtual button on the touch screen display (see D6: figure 2-6), the "gesture on or near the touch screen display corresponding to a command to zoom out" defined in claim 48 can be assumed to correspond to the mere interaction with this virtual button (see D6: paragraph [0023], "*To indicate a desire to cause the display to provide a zoomed-in or zoomed-out view of the images, the consumer may interact with either a zoom-in button 30 or zoom-out button 32 that is provided with the graphical user interface*"). Furthermore, a gesture similar to that used for the zooming-in operation (see D6: paragraph [0024], "*A zooming-in operation may also be performed by the consumer tapping, for example twice, within the display of images displayed on a touch screen display*") can be contemplated.

Hence, the subject matter of claim 48 essentially differs from the disclosure of document D6 in that the document is allowed to be zoomed out beyond the maximum zoom-out level and is then displayed at the maximum zoom-out level, when the gesture is terminated.

For the reasons explained in sections 7 and 3 above, no technical problem solved by these features can be identified. In other words, the additional features of claim 48 identified above represent a visual effect and are readily derived from the visual-design requirements, i.e., the specifications provided to the skilled person, without requiring the exercise of inventive skill.

Even if the technical objective is identified as enabling the user to take advantage of the full real estate of the display without the need to perform precise input operations, then the aforementioned additional features of claim 48 represent just another form of "magnetism", a well-known technique of user-interface design (see D2: section "85.

Magnetism: "*Magnetism helps compensate for users' lack of perfect dexterity with a mouse*", "*When a user drags an object close to another object's edge, make it snap to the other object*", "*Objects that can be 'magnetic' might include... Canvas edges, margins, and screen edges*").

As a consequence, the subject matter of independent claim 48 does not involve an inventive step in the sense of Article 33(3) PCT.

9. INDEPENDENT CLAIMS 19-22, 39-42, 45-47, 59-62, 70-73

Since the subject matter of each of independent claims 19-22, 39-42, 45-47, 59-62, 70-73 corresponds to the subject matter of at least one of claims 2, 24, 43, 48 and 63, the same reasoning as given for claims 2, 24, 43, 48 and 63 will apply mutatis mutandis.

10. DEPENDENT CLAIMS 3-18, 25-38, 44, 49-58, 64-69

Dependent claims 3-18, 25-38, 44, 49-58, 64-69 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step (Article 33(3) PCT).

Re Item VII.

11. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in documents D1-D3 is not mentioned in the description, nor are these documents identified therein.
12. The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General information

For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.

Amending claims under Art. 19 PCT

Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220-and the corresponding Notes to form PCT/ISA/220.

Filing a demand for international preliminary examination

In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/ WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT).

If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPRP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).

Filing informal comments

After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.

End of the international phase

At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).

Relevant PCT Rules and more information

Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003

Bitte beachten Sie, dass angeführte Nichtpatentliteratur (wie z. B. wissenschaftliche oder technische Dokumente) je nach geltendem Recht dem Urheberrechtsschutz und/oder anderen Schutzarten für schriftliche Werke unterliegen könnte. Die Vervielfältigung urheberrechtlich geschützter Texte, ihre Verwendung in anderen elektronischen oder gedruckten Publikationen und ihre Weitergabe an Dritte ist ohne ausdrückliche Zustimmung des Rechtsinhabers nicht gestattet.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Bas Ording	Confirmation No.:	8460
Serial No.:	11/956,969	Art Unit:	2174
Filed:	December 14, 2007	Examiner:	Pesin, Boris M.
For:	<i>List Scrolling and Document Translation, Scaling, and Rotation on a Touch-Screen Display</i>	Attorney Docket No.:	P4304US1/63266-5054US

INFORMATION DISCLOSURE STATEMENT

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

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a. A list of all patents, publications, applications, or other information submitted for consideration by the office.
 - 1b. A legible copy of :
 - Each foreign patent;
 - Each publication or that portion which caused it to be listed on the PTO-1449;
 - For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
 - all other information or portion which caused it to be listed on the PTO-1449.
 - 1c. An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
 - 1d. Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.

2. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):
- Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
 - Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
 - Before the mailing of the first Office action on the merits;
 - Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.
3. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.

(Check either Item 3a or 3b)

- 3a. The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
- enclosed
 - to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. _____).

(Item 3b to be checked if any reference known for more than 3 months)

4. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.

(Check either Item 4a or 4b)

- 4a. The Certification Statement in Item 5 below is applicable.
- 4b. The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:
- enclosed.
 - to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. _____).

5. Certification Statement (applicable if Item 3a or Item 4a is checked)

(Check either Item 5a, 5b or 5c)

- 5a. In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. In accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application,

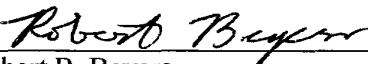
and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

- 5c. Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not **received** by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.
6. Copies of each cited U.S. patent and each U.S. patent application publication are not enclosed pursuant to the USPTO OG Notice dated 05 August 2003 waiving the requirement under 37 C.F.R. 1.98(a)(2)(i) for U.S. patent applications filed after June 30, 2003.
7. This application is a continuation application under 37 C.F.R. §1.53(b) or (d).
(Check appropriate Items 7a, 7b and/or 7c)
- 7a. A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 7b. Copies of publications listed on Form PTO-1449 from prior application Serial No. _____, filed on _____, of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 7c. Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. _____, filed on _____, and are provided herewith.
8. This is a Supplemental Information Disclosure Statement. (Check Item 8a)
- 8a. This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on _____. A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on _____.
9. In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:
(Check Item 9a, 9b, or 9c)
- 9a. satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 9b. set forth in the application.
- 9c. enclosed as an attachment hereto.
10. The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 63266-5054-US).

11. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

Date: October 6, 2008


Robert B. Beyers 46,552
MORGAN, LEWIS & BOCKIUS LLP (Reg. No.)
2 Palo Alto Square
3000 El Camino Real, Suite 700
Palo Alto, CA 94306
(650) 843-4000



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/956,969	12/14/2007	Bas Ordning	P4304US1/63266-5054US	8460

61725 7590 10/20/2008
MORGAN LEWIS & BOCKIUS LLP/ AI
2 PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

EXAMINER

PESIN, BORIS M

ART UNIT	PAPER NUMBER
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2174

MAIL DATE	DELIVERY MODE
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10/20/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Examiner-Initiated Interview Summary	Application No. 11/956,969	Applicant(s) ORDING, BAS	
	Examiner BORIS PESIN	Art Unit 2174	

All Participants:

(1) BORIS PESIN.

(2) Robert Beyers.

Status of Application: _____

(3) Cindi Wheeler.

(4) _____.

Date of Interview: 30 June 2008

Time: 4:30

Type of Interview:

- Telephonic
 Video Conference
 Personal (Copy given to: Applicant Applicant's representative)

Exhibit Shown or Demonstrated: Yes No

If Yes, provide a brief description: .

Part I.

Rejection(s) discussed:

The Examiner with regards to the claims.

Claims discussed:

All

Prior art documents discussed:

Photo Mesa, Jaeger (US 2004/0027398), Zimmerman et al. (US 6690387)

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

Part III.

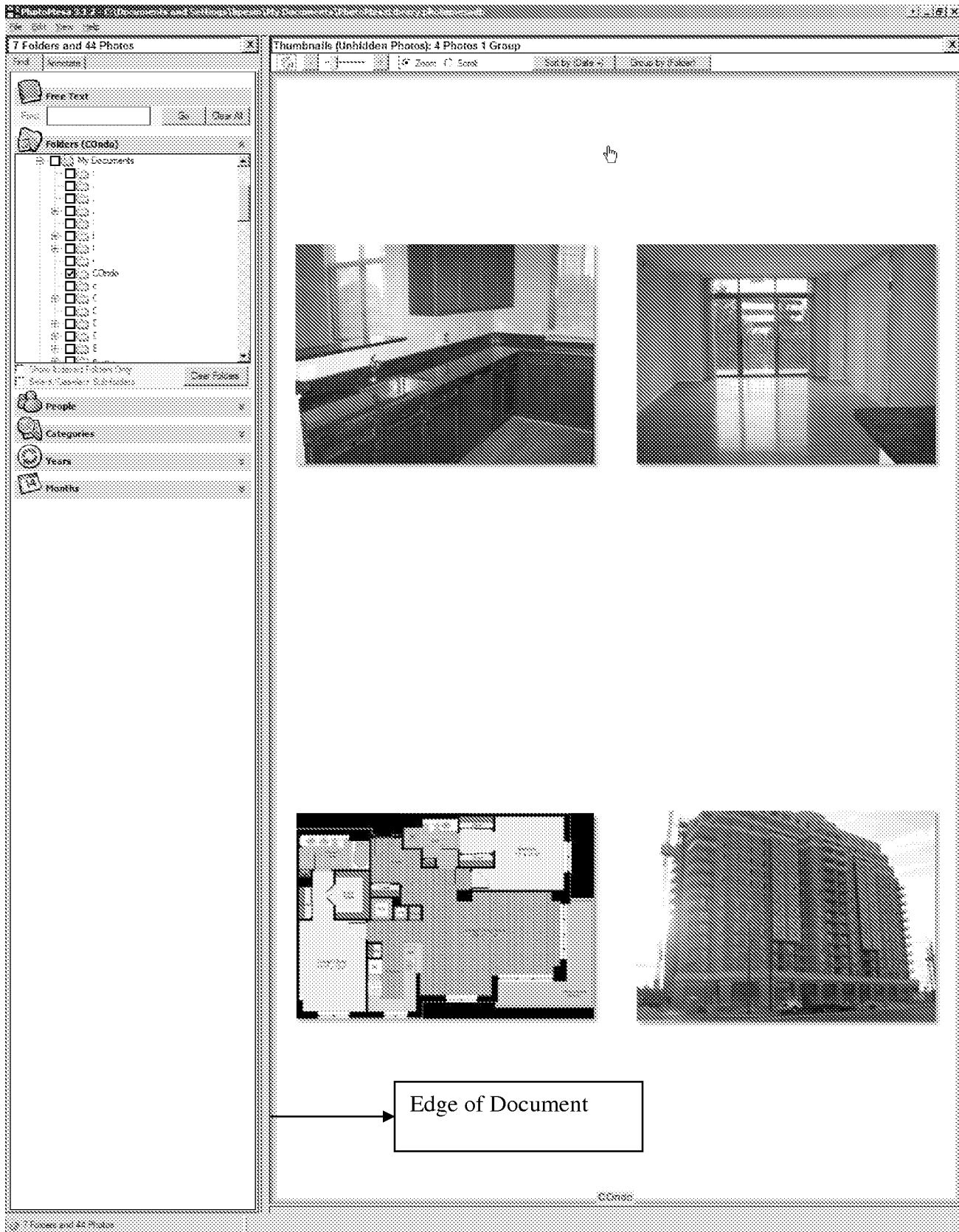
- It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

/Boris Pesin/
Examiner, Art Unit 2174

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: The Examiner explained (see attached explanation) how the prior art found teaches the claimed subject mater. The Applicant requested to propose amendments to the claims in order to overcome the cited art. The Examiner informed the Applicant that he will further examine the claims when the Applicant sends in the proposed amendments and will schedule another interview to discuss if the proposed amendments overcome the cited art. .

Photo Mesa Screen Shots
Figure 1



Edge of Document

Figure 2

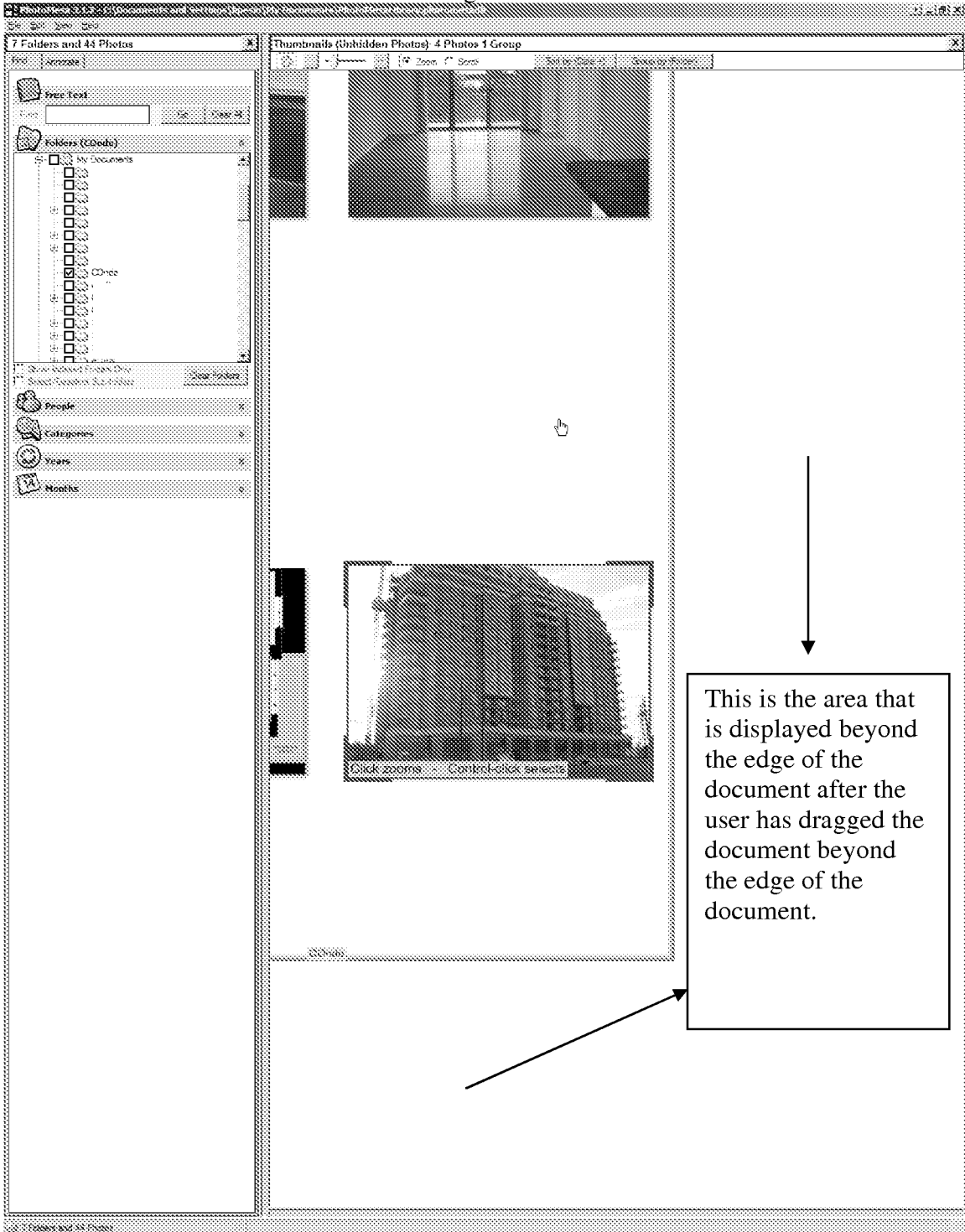
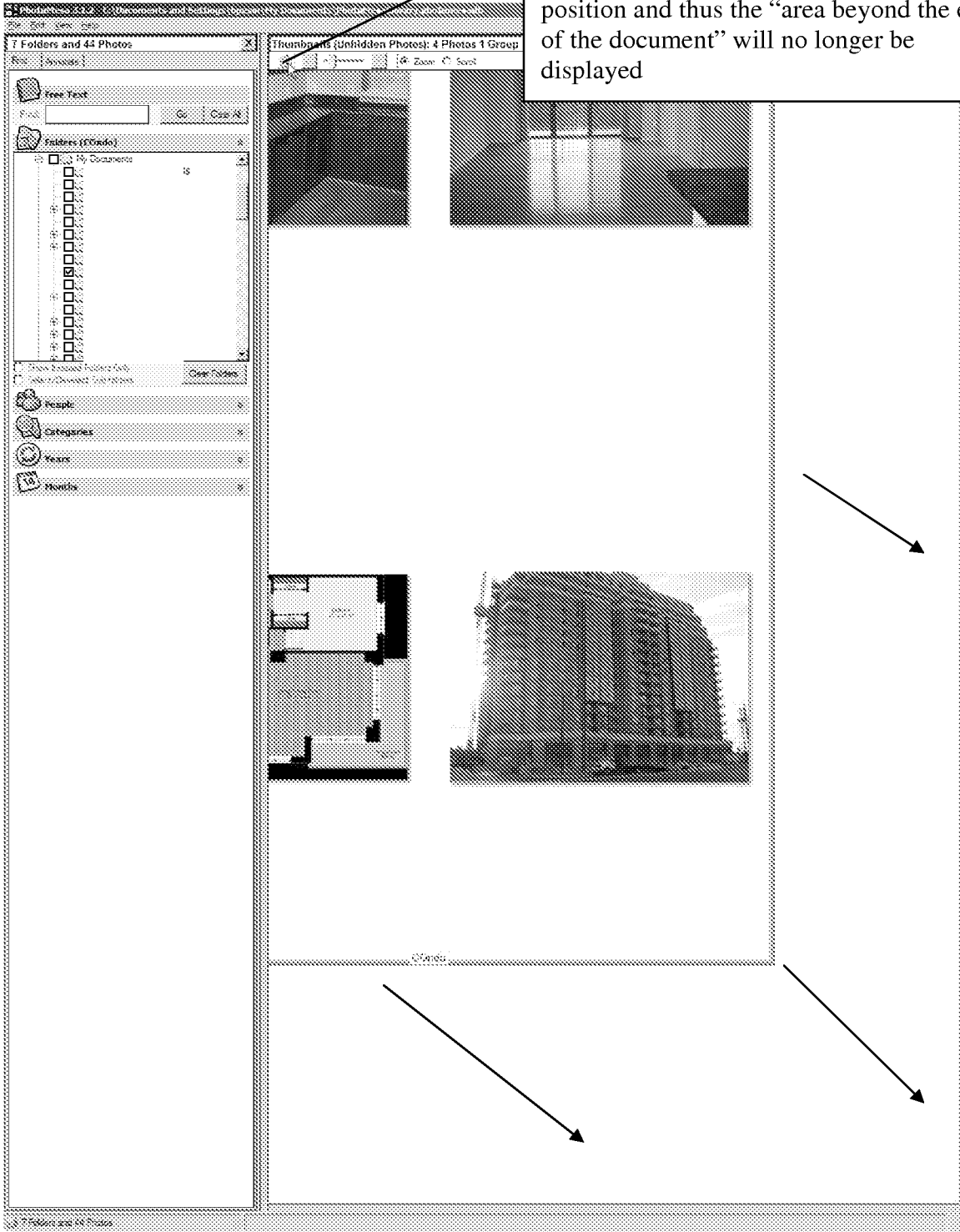
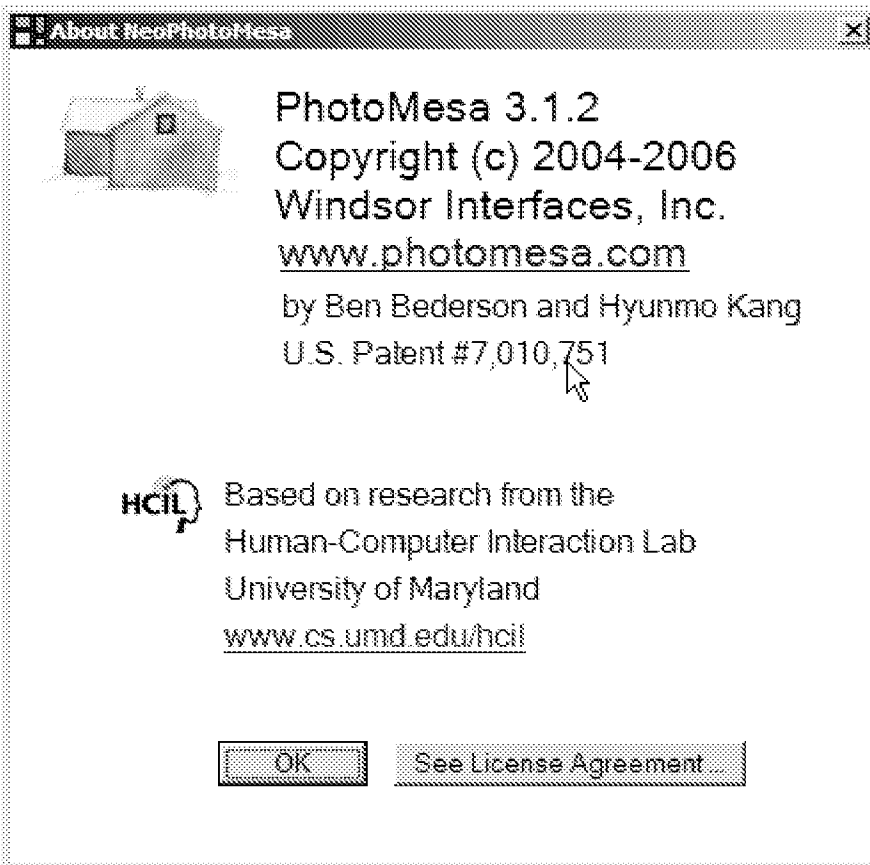


Figure 3

If the user presses the “home” button the document will slide back to the original position and thus the “area beyond the edge of the document” will no longer be displayed





Photomesa would be combined with Jaeger (US 2004/0027398) which teaches “The general mouse release process is now described with reference to the flow diagram of FIG. 34. At block 110, how far the object has moved since it was picked up is calculated. When a user lets go of the mouse after dragging an object, the software immediately works out how far the object has been moved and saves this information as a vector. This is an important piece of information as it enables the object being dragged to snap back to its original position.” (Paragraph 0424).

Thus, the combination would replace Photomesa’s home button with an automatic snap back feature when the user lifts the mouse button.

The third reference, previously cited, teaches the touch screen functionality.

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				Application Number		11/956,969	
				Filing Date		December 14, 2007	
				First Named Inventor		Bas Ording	
				Art Unit		2174	
Examiner Name		Pesin, Boris M.					
Sheet	1	of	1	Attorney Docket No.	P4304US1/63266-5054US		

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
		Number - Kind Code ¹					
		2003/0184525	10-02-2003	Tsai	345	173	
		2004/0155888	08-12-2004	Padgitt et al.	345	619	
		2005/0145807	07-07-2005	Lapstun et al.	250	566	
		2006/0025218	02-02-2006	Hotta	463	37	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation	
		Country Code ² - Number ³ - Kind Code ⁴ (if known)					Yes	No
		EP 0 701 220 A	03-13-1996	Adobe Systems Inc.	G06F	17/21		
		WO 05/052773 A2	06-09-2005	Nokia Corporation	G06F	3/00		
		WO 2006/003591 A	01-12-2006	Konin-Klijke Philips Electronics, N.V.	G06F	3/033		

OTHER NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		International Search Report and Written Opinion for International Application No. PCT/US2008/050292, mailed September 19, 2008.

Examiner Signature	DB2/20858183.1 /Boris Pesin/	Date Considered	10/17/2008
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.F

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				Application Number	11/956,969
		Filing Date	December 14, 2007		
		First Named Inventor	Bas Ording		
		Art Unit	2174		
		Examiner Name	Pesin, Boris M.		
Sheet	1	of	3	Attorney Docket No.	P4304US1/63266-5054US

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
		Number - Kind Code ¹					
		5,844,547	12-01-1998	Minakuchi et al.	345	173	
		5,867,158	02-02-1999	Murasaki et al.	345	341	
		6,034,688	03-07-2000	Greenwood et al.	345	353	
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		6,567,102	05-20-2003	Kung	345	660	
		6,661,409	12-09-2003	Demartines et al.	345	173	
		6,707,449	03-16-2004	Hinckley et al.	345	173	
		6,809,724	10-26-2004	Shiraishi et al.	345	169	
		6,907,575	06-14-2005	Duarte	715	784	
		6,912,462	06-28-2005	Ogaki	701	208	
		6,972,776	12-06-2005	Davis et al.	345	684	
		6,975,306	12-13-2005	Hinckley et al.	345	173	
		7,009,599	03-07-2006	Pihlaja	345	173	
		7,046,230	05-16-2006	Zadesky et al.	345	156	
		7,075,512	07-11-2006	Fabre et al.	345	156	
		7,102,626	09-05-2006	Denny, III	345	179	
		7,154,534	12-26-2006	Seki et al.	348	207.1	
		7,155,048	12-26-2006	Ohara	382	132	
		7,181,373	02-20-2007	Le Cocq et al.	703	1	
		7,184,796	02-27-2007	Karidis et al.	455	566	
		7,240,291	07-03-2007	Card et al.	715	776	
		2003/0095135	05-22-2003	Kaasila et al.	345	613	
		2003/0095697	05-22-2003	Wood et al.	382	131	
		2004/0021676	02-05-2004	Chen et al.	345	684	
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		2004/0263486	12-30-2004	Seni	345	173	
		2005/0168488	08-04-2005	Montague	345	659	
		2005/0198588	09-08-2005	Lin et al.	715	784	
		2005/0237308	10-27-2005	Autio et al.	345	173	
		2005/0270269	12-08-2005	Tokkonen	345	156	
		2005/0275618	12-15-2005	Juh et al.	345	156	
		2005/0026521	02-02-2006	Hotelling et al.	715	702	
		2006/0048073	03-02-2006	Jarrett et al.	715	784	

Examiner Signature	DB2/20768505.1 /Boris Pesin/	Date Considered	10/17/2008
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				Application Number		11/956,969	
				Filing Date		December 14, 2007	
				First Named Inventor		Bas Ordning	
				Art Unit		2174	
Examiner Name		Pesin, Boris M.					
Sheet	2	of	3	Attorney Docket No.	P4304US1/63266-5054US		

		2006/0055669	03-16-2006	Das	345	156	
		2006/0061551	03-23-2006	Fateh	345	158	
		2006/0077544	04-13-2006	Stark	359	448	
		2006/0082549	04-20-2006	Hoshino et al.	345	157	
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		2006/0156249	07-13-2006	Blythe et al.	715	781	
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		2006/0187215	08-24-2006	Rosenberg et al.	345	173	
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		2007/0120835	05-31-2007	Sato	345	173	
		2007/0150826	06-28-2007	Anzures et al.	715	772	
		2007/0150842	06-28-2007	Chaudhri et al.	715	863	
		2007/0152978	07-05-2007	Kocienda et al.	345	173	
		2007/0152979	07-05-2007	Jobs et al.	345	173	
		2007/0155434	07-05-2007	Jobs et al.	455	565	
		2007/0156364	07-05-2007	Rothkopf	702	117	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation	
							Yes	No
		EP 0 635 779 A1	01-25-1995	Xerox Corporation	G06F	3/033		
		EP 0 880 091 A2	11-25-1998	Nokia Mobile Phones Ltd.	G06F	3/033		
		WO 02/01338 A1	01-03-2002	Intel Corporation	G06F	3/033		
		WO 03/060622 A2	07-24-2003	Koninklijke Philips Electronics N.V.	G06F			
		WO 2006/020305 A2	02-23-2006	Apple Computer, Inc.				

Examiner Signature	DB2/20768505.1 /Boris Pesin/	Date Considered	10/17/2008
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OTHER NON PATENT LITERATURE DOCUMENTS		
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		IBM, "Scroll Control Box," IBM Technical Disclosure Bulletin, Vol. 38, No. 04, April 1993, pages 399-403.
		TIDWELL et al., "Magnetism," Designing Interfaces, November 2005, Section 85.
		Invitation to Pay Additional Fees for International Application No. PCT/US2008/050292, mailed July 18, 2008.

Examiner Signature	DB2/20768505.1 /Boris Pesin/	Date Considered	10/17/2008
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		5,495,566 B1	02/27/1996	Kwatinetz	395	157	
		6,690,387 B2	02/10/2004	Zimmerman et al.	345	684	
		2005/0012723 A1	01/20/2005	Pallakoff	345	173	

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		Country Code ² - Number ³ - Kind Code ⁴ (if known).					Yes	No	

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Examiner Signature	/Boris Pesin/	Date Considered	10/17/2008
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				First Named Inventor	Bas Ording	
				Art Unit	2174	
				Examiner Name	Wiley, David Armand	
Sheet	1	of	1	Attorney Docket No.	P4304US1/63266-5054-US	

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		MILLER, D., "PersonalJava Application Environment," Sun Microsystems, http://java.sun.com/products/personaljava/touchable/ , June 8, 1999, 13 pages.

Examiner Signature	/Boris Pesin/	Date Considered	10/17/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1-PA/3703745.1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.P./



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/956,969	12/14/2007	Bas Ording	P4304US1/63266-5054US	8460

61725 7590 10/29/2008
MORGAN LEWIS & BOCKIUS LLP/ AI
2 PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

EXAMINER

PESIN, BORIS M

ART UNIT	PAPER NUMBER
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2174

MAIL DATE	DELIVERY MODE
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10/29/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert Byers on August 4th 2008.

The application has been amended as follows:

1. (Currently amended) A computer-implemented method, comprising:
at a device with a touch screen ~~display~~, display:
displaying a first portion of an electronic document;
detecting a movement of an object on or near the touch screen display;
in response to detecting the movement, translating ~~an~~ the electronic document displayed on the touch screen display in a first direction to display a second portion of the electronic document, wherein the second portion is different from the first portion;
in response to an edge of the electronic document being reached while translating the electronic document in the first direction while the object is still detected on or near the touch screen ~~display~~, display:
displaying an area beyond the edge of the document, and
displaying a third portion of the electronic document, wherein the third portion is smaller than the first portion; and
after in response to detecting that the object is no longer detected on or near the touch screen display, translating the electronic document in a second direction until the area beyond the edge of the electronic document is no longer displayed to display a fourth portion of the electronic document, wherein the fourth portion is different from the first portion.

Art Unit: 2174

2. (Currently amended) The computer-implemented method of claim 1, wherein ~~the device is a portable multifunction device~~ the first portion of the electronic document, the second portion of the electronic document, the third portion of the electronic document, and the fourth portion of the electronic document are displayed at the same magnification.

19. (Currently amended) A 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 programs including:

instructions for displaying a first portion of an electronic document;

instructions for detecting a movement of an object on or near the touch screen display;

instructions for translating ~~an~~ the electronic document displayed on the touch screen display in a first direction to display a second portion of the electronic document, wherein the second portion is different from the first portion, in response to detecting the movement;

instructions for displaying an area beyond an edge of the electronic document and displaying a third portion of the electronic document, wherein the third portion is smaller than the first portion, in response to the edge of the electronic document being reached while translating the electronic document in the first direction while the object is still detected on or near the touch screen display; and

instructions for translating the electronic document in a second direction until the area beyond the edge of the electronic document is no longer displayed to display a fourth portion of the electronic document, wherein the fourth portion is different from the first portion, ~~after~~ in response to detecting that the object is no longer detected on or near the touch screen display.

Art Unit: 2174

20. (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:

display a first portion of an electronic document;

detect a movement of an object on or near the touch screen display;

translate an the electronic document displayed on the touch screen display in a first direction to display a second portion of the electronic document, wherein the second portion is different from the first portion, in response to detecting the movement;

display an area beyond an edge of the electronic document and display a third portion of the electronic document, wherein the third portion is smaller than the first portion, if the edge of the electronic document is reached while translating the electronic document in the first direction while the object is still detected on or near the touch screen display; and

translate the electronic document in a second direction until the area beyond the edge of the electronic document is no longer displayed to display a fourth portion of the electronic document, wherein the fourth portion is different from the first portion, after in response to detecting that the object is no longer detected on or near the touch screen display.

The following is an examiner's statement of reasons for allowance: In regards to the independent claims 1, 19 and 20, the prior art found does not teach in response to an edge of the electronic document being reached while translating the electronic document in the first direction while the object is still detected on or near the touch screen display: displaying an area beyond the edge of the document, and displaying a third portion of the electronic document, wherein the third portion is smaller than the first portion; and in response to detecting that the object is no longer detected on or near the

Art Unit: 2174

touch screen display, translating the electronic document in a second direction until the area beyond the edge of the electronic document is no longer displayed to display a fourth portion of the electronic document, wherein the fourth portion is different from the first portion; in combination with all of the other claim limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BORIS PESIN whose telephone number is (571)272-4070. The examiner can normally be reached on Monday-Friday except every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2174

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Boris Pesin/
Examiner, Art Unit 2174

Notice of Allowability

Application No.	Applicant(s)	
11/956,969	ORDING, BAS	
Examiner	Art Unit	
BORIS PESIN	2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 12/14/2007.
2. The allowed claim(s) is/are 1-20.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>See Continuation Sheet</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 10/06/2008, 7/18/2008, 4/30/2008, 12/14/2008.



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NOTICE OF ALLOWANCE AND FEE(S) DUE

61725 7590 10/29/2008
MORGAN LEWIS & BOCKIUS LLP/ AI
2 PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

EXAMINER
PESIN, BORIS M
ART UNIT PAPER NUMBER
2174
DATE MAILED: 10/29/2008

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/956,969 12/14/2007 Bas Ording P4304US1/63266-5054US 8460

TITLE OF INVENTION: LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE
nonprovisional NO \$1510 \$300 \$0 \$1810 01/29/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
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Alexandria, Virginia 22313-1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

61725 7590 10/29/2008

MORGAN LEWIS & BOCKIUS LLP/ AI
2 PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/956,969	12/14/2007	Bas Ording	P4304US1/63266-5054US	8460

TITLE OF INVENTION: LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/29/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
PESIN, BORIS M	2174	715-702000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. _____ 2</p> <p>_____ 3</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. 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 1.14. This collection is estimated to take 12 minutes 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, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 11/956,969, 12/14/2007, Bas Ording, P4304US1/63266-5054US, 8460
Row 2: 61725, 7590, 10/29/2008, (Empty), (Empty)
Text: MORGAN LEWIS & BOCKIUS LLP/ AI, 2 PALO ALTO SQUARE, 3000 EL CAMINO REAL, PALO ALTO, CA 94306
Text: EXAMINER PESIN, BORIS M
Text: ART UNIT 2174, PAPER NUMBER
Text: DATE MAILED: 10/29/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of References Cited	Application/Control No. 11/956,969	Applicant(s)/Patent Under Reexamination ORDING, BAS	
	Examiner BORIS PESIN	Art Unit 2174	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,690,387	02-2004	Zimmerman et al.	345/684
*	B US-2008/0104544	05-2008	COLLINS et al.	715/846
*	C US-2004/0027398	02-2004	Jaeger, Denny	345/863
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
	L US-			
	M US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)	
U	Microsoft Word 2003 Screen Shots	
V	Photo Mesa 3.1.2 2006 Screen Shots	
W		
X		

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	55	"5353391"	USPAT	OR	OFF	2008/08/01 19:00
S2	268	"5,844,547" "5,867,158" "6,034,688" "6,489,951" "6,567,102" "6,661,409" "6,707,449" "6,809,724" "6,907,575" "6,912,462" "6,972,776" 6,975,306 "7,009,599" "7,046,230" "7,075,512" "7,102,626" "7,154,534" "7,155,048" "7,181,373" "7,184,796" "7,240,291" 2003/0095135 2003/0095697 2004/0021676 2004/0080541 2004/0263486 2005/0168488 2005/0198588 2005/0237308 2005/0270269 2005/0275618 2005/0026521 2006/0048073	USPAT	OR	OFF	2008/08/04 13:15

S3	297	"5,844,547" "5,867,158" "6,034,688" "6,489,951" "6,567,102" "6,661,409" "6,707,449" "6,809,724" "6,907,575" "6,912,462" "6,972,776" 6,975,306 "7,009,599" "7,046,230" "7,075,512" "7,102,626" "7,154,534" "7,155,048" "7,181,373" "7,184,796" "7,240,291" 2003/0095135 2003/0095697 2004/0021676 2004/0080541 2004/0263486 2005/0168488 2005/0198588 2005/0237308 2005/0270269 2005/0275618 2005/0026521 2006/0048073	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:15
S4	0	""5,844,547"" ""5,867,158"" ""6,034,688"" ""6,489,951"" ""6,567,102"" ""6,661,409"" ""6,707,449"" ""6,809,724"" ""6,907,575"" ""6,912,462"" ""6,972,776"" 6,975,306 ""7,009,599"" ""7,046,230"" ""7,075,512"" ""7,102,626"" ""7,154,534"" ""7,155,048"" ""7,181,373"" ""7,184,796""	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:16

		<p>""7,240,291"" 2003/0095135 2003/0095697 2004/0021676 2004/0080541 2004/0263486 2005/0168488 2005/0198588 2005/0237308 2005/0270269 2005/0275618 2005/0026521 2006/0048073"</p>				
S5	297	<p>""5,844,547"" ""5,867,158"" ""6,034,688"" ""6,489,951"" ""6,567,102"" ""6,661,409"" ""6,707,449"" ""6,809,724"" ""6,907,575"" ""6,912,462"" ""6,972,776"" 6,975,306 ""7,009,599"" ""7,046,230"" ""7,075,512"" ""7,102,626"" ""7,154,534"" ""7,155,048"" ""7,181,373"" ""7,184,796"" ""7,240,291"" 2003/0095135 2003/0095697 2004/0021676 2004/0080541 2004/0263486 2005/0168488 2005/0198588 2005/0237308 2005/0270269 2005/0275618 2005/0026521 2006/0048073"</p>	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:16
S6	817	snap with grid	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:52

S7	20408	snap with grid and d715/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:52
S8	103	snap with grid and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:52
S9	29	snap with edge and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:54
S10	11902	magnetic and "715"/\$. ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:59
S11	23	magnetic near effect and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 13:59
S12	12	magnetic with edge and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/04 14:18

10/17/2008 4:14:49 PM

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wsp**

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"11956969"	USPAT	OR	OFF	2008/05/19 12:45
S2	69	snap with grid and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 12:52
S3	3	snap with grid with drag\$4 and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 12:53
S4	19	black with drag\$4 and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 12:55
S5	818	screen with drag \$4 and "715"/\$. ccls.	USPAT	OR	OFF	2008/05/19 12:57
S6	1448	screen with drag \$4 and "715"/\$. ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 12:57
S7	80	screen with drag \$4 with edge and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 12:57
S8	193	beyond with edge and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 13:06
S9	3	scroll with past with scroll with region and "715"/ \$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 13:35
S10	18	scroll with pass\$4 with scroll with region and "715"/ \$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 13:36
S11	11	elastic with scroll \$4 and "715"/\$. ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 13:52
S12	6	"6141018"	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:14
S13	0	float with back with lift with finger	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:15

S14	37	float\$ with lift with finger	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:15
S15	306	return\$ with lift \$3 with finger	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:16
S16	7	return\$ with lift \$3 with finger and "715"/\$.ccls.	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:16
S17	14	"5874936"	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:20
S18	12	"6005573"	US- PGPUB; USPAT	OR	OFF	2008/05/19 14:21

10/17/2008 4:12:13 PM

**C:\Documents and Settings\bpesin\My Documents\EAST\Workspaces\11956969.
wsp**

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	snap with edge with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:56
S2	1	snap\$4 with edge with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:57
S3	1	snap\$4 with edge with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:57
S4	131	snap\$4 with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:58
S5	0	snaping with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:58
S6	2	snapping with document and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:58
S7	4	snapping with edge and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 13:58

10/17/2008 4:14:00 PM**C:\Documents and Settings\bpesin\My Documents\EAST\Workspaces
\11956969 third.wsp**

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	snap with edge and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 16:21
S2	10	snap with border and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 16:26
S3	0	elastic and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 16:28
S4	165	elastic and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/19 16:28
S7	34	("20020147805" "5220655" "5717923" "5727129" "5878384" "5948061" "5958008" "5960409" "6006197" "6014638" "6021439" "6044376" "6052730" "6055510" "6064381" "6088722" "6112238" "6112240" "6300947" "6353822" "6401118" "6448980" "6463455" "6549944" "6564170" "6574793" "6589291" "6598077" "6606581" "6615247" "6658415" "6665715" "6763334" "6934748").PN. OR ("7305622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 16:58
S8	5	((("20020147805" "5220655" "5717923" "5727129" "5878384" "5948061" "5958008" "5960409" "6006197" "6014638" "6021439" "6044376" "6052730" "6055510" "6064381" "6088722" "6112238" "6112240" "6300947" "6353822" "6401118" "6448980" "6463455" "6549944" "6564170" "6574793" "6589291" "6598077" "6606581" "6615247" "6658415" "6665715" "6763334" "6934748").PN. OR ("7305622").URPN.) and probability	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 16:59

S18	0	edge with border with "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:33
S19	322	edge with border and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:33
S20	6930	edge with borderwith drag \$4 and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:35
S21	16	edge with border with drag \$4 and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:35
S22	0	border with drag\$4 with visable and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:37
S23	7	border with drag\$4 with visible and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 20:37
S24	23	("5227771" "5561757" "5666498" "5675755" "5751283").PN. OR ("5815151").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:40
S25	48	("4783648" "4890257" "5060170" "5142618" "5371847" "5436637" "5487143" "5513342"). PN. OR ("5675755"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:42
S26	2	Floating with Marquee	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:50
S27	16	Floating with window with scroll	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:51
S28	0	Floating with banner with scroll	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:53
S29	2	Float\$4 with banner with scroll\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 20:54
S30	1	tablet same microsoft with office	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:46
S31	0	print near view same microsoft with office	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:46
S32	2525465	print near view samewith office	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:46

S33	239	print near view same office	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:46
S34	2	print near view same office and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:46
S35	1	"6,956,564"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 17:58
S36	0	kinetic with scrolling	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 18:48
S37	46	kinetic with scroll\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 18:49
S38	17	scroll\$4 with past with end and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 19:06
S39	0	bounce near back with end and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 19:26
S40	19	bounce near back and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 19:26
S41	22	bounce near back and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 19:31
S42	3	S41 not S40	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 19:32
S43	22	bounce near2 back and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 19:32
S44	27	bounce near3 back and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 19:33
S45	5	S44 not S43	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 19:33
S46	58	"6219032"	USPAT	OR	OFF	2008/05/21 19:49
S47	165	elastic and "715"/\$.ccls.	USPAT	OR	OFF	2008/05/21 20:00
S48	234	elastic and "715"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/05/21 20:00
S49	0	("2007/0150830").URPN.	USPAT	OR	OFF	2008/05/21 20:13
S50	0	("2007/0150830").URPN.	USPAT	OR	OFF	2008/05/21 20:13

S51	2	("20050012723" "5495566" "6690387"). PN.	USPAT	OR	OFF	2008/05/21 20:14
S52	3	("20050012723" "5495566" "6690387"). PN.	US-PGPUB; USPAT	OR	OFF	2008/05/21 20:16
S53	46	"5845303"	US-PGPUB; USPAT	OR	OFF	2008/05/21 20:23
S54	74	"5495566"	USPAT	OR	OFF	2008/05/29 15:31
S55	2	"6990387"	USPAT	OR	OFF	2008/05/29 15:31
S56	2	"6690387"	USPAT	OR	OFF	2008/05/29 15:31
S57	115	rubber near band and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 15:01

10/17/2008 4:13:29 PM


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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1111	area with beyond with display	US-PGPUB; USPAT	OR	OFF	2008/10/17 16:06
L2	0	"715"/\$. ccls and area with beyond with display	US-PGPUB; USPAT	OR	OFF	2008/10/17 16:06
L3	164	"715"/\$. ccls. and area with beyond with display	US-PGPUB; USPAT	OR	OFF	2008/10/17 16:06
L4	100	"715"/\$. ccls. and area near3 beyond with display	US-PGPUB; USPAT	OR	OFF	2008/10/17 16:06
L5	19	"715"/\$. ccls. and area near3 beyond with display and touch	US-PGPUB	OR	OFF	2008/10/17 16:06
L6	303	"715"/\$. ccls. and spring	US-PGPUB	OR	OFF	2008/10/17 16:10
L7	3	"715"/\$. ccls. and spring same beyond	US-PGPUB	OR	OFF	2008/10/17 16:10

10/17/2008 4:11:29 PM

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\11956969 allowance.wsp**

Search Notes 	Application/Control No. 11956969	Applicant(s)/Patent Under Reexamination ORDING, BAS
	Examiner BORIS PESIN	Art Unit 2174

SEARCHED			
Class	Subclass	Date	Examiner
715	764, 769, 702, 863, 864	10/17/2008	BP

SEARCH NOTES		
Search Notes	Date	Examiner
East Text Search	10/17/2008	BP
USPGPUB, EPO, JPO, Dewent, IBM-TDB	10/17/2008	BP
Pro Quest	10/17/2008	BP
Yahoo and Google Search	10/17/2008	BP
Inventor Search	10/17/2008	BP

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
	USPGPUB	10/17/2008	BP

/BORIS PESIN/ Examiner.Art Unit 2174	
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8460

SERIAL NUMBER 11/956,969	FILING or 371(c) DATE 12/14/2007 RULE	CLASS 715	GROUP ART UNIT 2174	ATTORNEY DOCKET NO. P4304US1/63266-5054US	
APPLICANTS Bas Ording, San Francisco, CA; ** CONTINUING DATA ***** This appln claims benefit of 60/879,253 01/07/2007 and claims benefit of 60/883,801 01/07/2007 and claims benefit of 60/879,469 01/08/2007 and claims benefit of 60/945,858 06/22/2007 and claims benefit of 60/946,971 06/28/2007 and claims benefit of 60/937,993 06/29/2007 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 12/26/2007					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/BORIS M PESIN/</u> Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY CA	SHEETS DRAWINGS 38	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS MORGAN LEWIS & BOCKIUS LLP/ AI 2 PALO ALTO SQUARE 3000 EL CAMINO REAL PALO ALTO, CA 94306 UNITED STATES					
TITLE List Scrolling and Document Translation, Scaling, and Rotation on a Touch-Screen Display					
FILING FEE RECEIVED 1030	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

Index of Claims 	Application/Control No. 11956969	Applicant(s)/Patent Under Reexamination ORDING, BAS
	Examiner BORIS PESIN	Art Unit 2174

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE									
Final	Original	10/17/2008									
	1	=									
	2	=									
	3	=									
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	16	=									
	17	=									
	18	=									
	19	=									
	20	=									

PART B - FEE(S) TRANSMITTAL

Electronically filed November 3, 2008

Complete and send this form with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner of Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 (703) 746-4000

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advanced orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS

MORGAN, LEWIS & BOCKIUS LLP
 2 Palo Alto Square
 3000 El Camino Real, Suite 700
 Palo Alto, CA 94306

Note: A certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

Certificate of Mailing

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

 (Depositor's name)

 (Signature)

 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTY'S DOCKET NO.	CONFIRMATION NO.
11/956,969	12/14/2007	Bas Ording	P4304US1/63266-5054US	8460

TITLE OF INVENTION **LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	1510	300	1810	01/29/2009

EXAMINER	ART UNIT	CLASS-SUB CLASS
Pesin, Boris M.	2174	715-702000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input checked="" type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed	1. <u>Morgan, Lewis & Bockius LLP</u> 2. _____ 3. _____
--	--	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: APPLE INC.
 (B) RESIDENCE: (CITY and STATE OR COUNTRY) Cupertino, California

Please check the appropriate assignee category or categories (will not be printed on the patent) Individual corporation or other private group entity government

4a. The following fee(s) are enclosed: <input checked="" type="checkbox"/> Issue Fee <input checked="" type="checkbox"/> Publication Fee <input checked="" type="checkbox"/> Advanced Order - # of Copies <u>10</u>	4b. Payment of Fee(s): <input type="checkbox"/> A check in the amount of the fee(s) enclosed <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0310 (order no. 63266-5054US).
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5. Change in Small Entity Status (from status indicated above)
 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

Authorized Signature Robert Beyers Date: November 3, 2008
 Printed Name: Robert B. Beyers Registration No. 46,552

This collection of information is required by 37 CFR 1.311. 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 1.14. This collection is estimated to take 12 minutes 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. SEND TO: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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"FEE ADDRESS" INDICATION FORM

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Fax to:
571-273-6500

- OR -

INSTRUCTIONS: The issue fee must have been paid for application(s) listed on this form. In addition, only an address represented by a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be established when correspondence related to maintenance fees should be mailed to a different address than the correspondence address for the application. **When to check the first box below:** If you have a Customer Number to represent the fee address. **When to check the second box below:** If you have no Customer Number representing the desired fee address, in which case a completed Request for Customer Number (PTO/SB/125) must be attached to this form. For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) § 403.

For the following listed application(s), please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with:

Customer Number: 00197

OR

The attached Request for Customer Number (PTO/SB/125) form.

PATENT NUMBER <small>(if known)</small>	APPLICATION NUMBER
	11/956,969

Completed by (check one):

Applicant/Inventor

Robert B. Beyers

 Signature

Attorney or Agent of record 46,552
(Reg. No.)

Robert B. Beyers

 Typed or printed name

Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed.
(Form PTO/SB/96)

650-843-4000

 Requester's telephone number

Assignee recorded at Reel 021397 Frame 0743

November 3, 2008

 Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

* Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.363. 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 collection is estimated to take 5 minutes 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 COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop M Correspondence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	11956969
Filing Date:	14-Dec-2007
Title of Invention:	LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY
First Named Inventor/Applicant Name:	Bas Ording
Filer:	Robert B. Beyers./Beverly Gemello
Attorney Docket Number:	P4304US1/63266-5054US

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	1501	1	1510	1510
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1810

Electronic Acknowledgement Receipt

EFS ID:	4225769
Application Number:	11956969
International Application Number:	
Confirmation Number:	8460
Title of Invention:	LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY
First Named Inventor/Applicant Name:	Bas Ording
Customer Number:	61725
Filer:	Robert B. Beyers./Beverly Gemello
Filer Authorized By:	Robert B. Beyers.
Attorney Docket Number:	P4304US1/63266-5054US
Receipt Date:	03-NOV-2008
Filing Date:	14-DEC-2007
Time Stamp:	20:29:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1810
RAM confirmation Number	4333
Deposit Account	500310
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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		Change of Address	2	2	
Warnings:					
Information:					
2	Fee Worksheet (PTO-06)	fee-info.pdf	31947 3f56ac9451743850a79af9d0cb21921a432dc488	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			187079		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

INFORMATION DISCLOSURE CITATION PTO-1449				<i>Complete If Known</i>	
				Application Number	11/956,969
		Filing Date	December 14, 2007		
		First Named Inventor	Bas Ording		
		Art Unit	2174		
		Examiner Name	Pesin, Boris M.		
Sheet	1	of	3	Attorney Docket No.	P4304US1/63266-5054US

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
		Number - Kind Code ¹						
		5,844,547		12-01-1998	Minakuchi et al.	345	173	
		5,867,158		02-02-1999	Murasaki et al.	345	341	
		6,034,688		03-07-2000	Greenwood et al.	345	353	
		6,489,951		12-03-2002	Wong et al.	345	173	
		6,567,102		05-20-2003	Kung	345	660	
		6,661,409		12-09-2003	Demartines et al.	345	173	
		6,707,449		03-16-2004	Hinckley et al.	345	173	
		6,809,724		10-26-2004	Shiraishi et al.	345	169	
		6,907,575		06-14-2005	Duarte	715	784	
		6,912,462		06-28-2005	Ogaki	701	208	
		6,972,776		12-06-2005	Davis et al.	345	684	
		6,975,306		12-13-2005	Hinckley et al.	345	173	
		7,009,599		03-07-2006	Pihlaja	345	173	
		7,046,230		05-16-2006	Zadesky et al.	345	156	
		7,075,512		07-11-2006	Fabre et al.	345	156	
		7,102,626		09-05-2006	Denny, III	345	179	
		7,154,534		12-26-2006	Seki et al.	348	207.1	
		7,155,048		12-26-2006	Ohara	382	132	
		7,181,373		02-20-2007	Le Cocq et al.	703	1	
		7,184,796		02-27-2007	Karidis et al.	455	566	
		7,240,291		07-03-2007	Card et al.	715	776	
		2003/0095135		05-22-2003	Kaasila et al.	345	613	
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		2004/0021676		02-05-2004	Chen et al.	345	684	
		2004/0080541		04-29-2004	Saiga et al.	345	805	
		2004/0263486		12-30-2004	Seni	345	173	
		2005/0168488		08-04-2005	Montague	345	659	
		2005/0198588		09-08-2005	Lin et al.	715	784	
		2005/0237308		10-27-2005	Autio et al.	345	173	
		2005/0270269		12-08-2005	Tokkonen	345	156	
		2005/0275618		12-15-2005	Juh et al.	345	156	
		2005 2005/0026521		02-02-2006	Hotelling et al.	715	702	
		2006/0048073		03-02-2006	Jarrett et al.	715	784	

Examiner Signature	DB2/20768505.1 /Boris Pesin/	Date Considered	10/17/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.P./



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/956,969	12/23/2008	7469381	P4304US1/63266-5054US	8460

61725 7590 12/03/2008
MORGAN LEWIS & BOCKIUS LLP/ AI
2 PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Bas Ording, San Francisco, CA;

Electronic Acknowledgement Receipt

EFS ID:	4564868
Application Number:	11956969
International Application Number:	
Confirmation Number:	8460
Title of Invention:	LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY
First Named Inventor/Applicant Name:	Bas Ording
Customer Number:	61725
Filer:	Robert B. Beyers./Deborah Carney
Filer Authorized By:	Robert B. Beyers.
Attorney Docket Number:	P4304US1/63266-5054US
Receipt Date:	06-JAN-2009
Filing Date:	14-DEC-2007
Time Stamp:	17:22:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	RequestforCertificateofCorrection.pdf	48983 <small>beb9539907e73727e52e79c746a3be5b3a0f62af</small>	no	2

Warnings:

Information:

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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New International Application Filed with the USPTO as a Receiving Office

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent:	Bas Ordning	Confirmation No.	8460
Patent No.:	7,469,381	Serial No.	11/956,969
Issued:	December 23, 2008	Filing Date:	December 14, 2007
For:	<i>List Scrolling and Document Translation, Scaling, and Rotation on a Touch-Screen Display</i>	Attorney Docket No:	P4304US1/63266-5054US

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

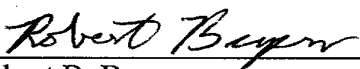
Sir:

Upon review of the subject patent, Patentee's attorney discovered one (1) error on the part of the Patent Office. Patentee's attorney requests correction of the issued patent, a Form PTO 1050 Certificate of Correction is enclosed.

No fee is believed due for this request, however, The Commissioner is authorized to charge any required fees or credit any overpayments to our Deposit Account No. 50-0310 (order no. 63266-5054-US).

Respectfully submitted,

Date: January 6, 2009


Robert B. Beyers 46,552
(Reg. No.)
MORGAN, LEWIS & BOCKIUS LLP
2 Palo Alto Square
3000 El Camino Real, Suite 700
Palo Alto, California 94306
(650) 843-4000

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,469,381 B2
DATED : December 23, 2008
INVENTOR(S) : Ording

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38, line 8, please insert -- ; -- after movement.

MAILING ADDRESS OF SENDER:
MORGAN, LEWIS & BOCKIUS LLP
2 Palo Alto Square
3000 El Camino Real, Suite 700
Palo Alto, CA 94306
(650) 843-4000

FORM PTO 1050

PATENT NO. 7,469,381 B2

No. of add'l. copies
@ 30¢ perpage

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,469,381 B2
APPLICATION NO. : 11/956969
DATED : December 23, 2008
INVENTOR(S) : Ording

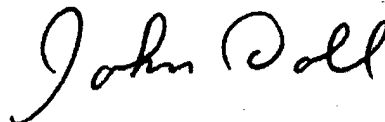
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38, line 8, please insert -- ; -- after movement.

Signed and Sealed this

Seventeenth Day of February, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office

AO 120 (Rev. 3/04)

<p>TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450</p>	<p>REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK</p>
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following Patents or Trademarks:

DOCKET NO. 10cv167	DATE FILED 03/03/2010	U.S. DISTRICT COURT DISTRICT OF DELAWARE
PLAINTIFF Apple Inc.		DEFENDANT High Tech Computer Corp et al
PATENT OR	DATE OF PATENT	HOLDER OF PATENT OR TRADEMARK
1	7,362,331 B2 04/22/2008	Apple Inc.
2	7,479,949 B2 01/20/2009	Apple Inc.
3	7,657,849 B2 02/02/2010	Apple Inc.
4	7,469381 B2 12/23/2008	Apple Inc. Continued

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY	<input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading
PATENT OR	DATE OF PATENT	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK PETER T. DALLEO, CLERK OF COURT	(BY) DEPUTY CLERK	DATE 03/03/2010
--	-------------------	--------------------

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy