

## EXHIBIT 3.24

PLUS Search Results for S/N 10840862, Searched Mon Oct 26 16:31:03 EDT 2009  
The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4853498 99	6626013 89
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/840,862	05/06/2004	Steve Hotelling	106842009000	8470

69753 7590 11/12/2009  
APPLE C/O MORRISON AND FOERSTER ,LLP  
LOS ANGELES  
555 WEST FIFTH STREET SUITE 3500  
LOS ANGELES, CA 90013-1024

EXAMINER
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NGUYEN, KIMNHUNG T

ART UNIT	PAPER NUMBER
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2629

MAIL DATE	DELIVERY MODE
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11/12/2009

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.

<b>Office Action Summary</b>	<b>Application No.</b> 10/840,862	<b>Applicant(s)</b> HOTELLING ET AL.	
	<b>Examiner</b> KIMNHUNG NGUYEN	<b>Art Unit</b> 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 01 July 2009.
- 2a)  This action is **FINAL**.
- 2b)  This action is non-final.
- 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4)  Claim(s) 1,2,4-12,15-26 and 32-46 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5)  Claim(s) 7-12,25-26 is/are allowed.
- 6)  Claim(s) 1,2,4-6,15-20,24 and 32-46 is/are rejected.
- 7)  Claim(s) 21-23 is/are objected to.
- 8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9)  The specification is objected to by the Examiner.
- 10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12)  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:
    - 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)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)
- 2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3)  Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date 8/5/09,8/28/09.
- 4)  Interview Summary (PTO-413)  
 Paper No(s)/Mail Date: \_\_\_\_\_.
- 5)  Notice of Informal Patent Application
- 6)  Other: \_\_\_\_\_.

### DETAILED ACTION

1 This application has been examined. The claims 1, 2, 4-12, 15-26 and 32-46 are pending.

The examination results are as following.

#### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 4-6, 24, 33-37, 39, 41-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aufderheide et al. (US 2005/0083307) in view of Fujimoto (US 6,061,177).

As to claim 1, Aufderheide et al. disclose in figs. 1-5, a touch panel (100, 300, 400 or 500) having a transparent capacitive sensing medium (pattern of transparent conductor 130, or 430 or 530) configured to detect multiple touches (see touch location can be determined by X, Y direction, see [0033] that occur at a same time and at distinct locations in a plane of the touch panel and to produce distinct signals representative of a location(by X, Y direction) of the touches on the plane of the touch panel for each of the multiple touches, see [0033]; wherein the transparent capacitive sensing medium comprises a transparent electrode layer (130), the electrode layer including a plurality of electrically isolated electrodes and electrode traces formed from a transparent conductive material, each of the electrodes being placed at different locations in the plane of the touch panel (see [0016], each of the electrodes having an individual trace (see [0032]) for operatively coupling to capacitive monitoring circuitry(see controller

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electronics device drive each of independent traces (see[0032]). However, Aufderheide et al. do not specifically disclose the multiple touches that occur at the same time.

Fujimoto discloses in fig. 1, a touch screen input device and method for use with a rear-mounted video comprising the multiple touches that occur at the same time (see touch screen input device operates equally well in an environment with any level of ambient light or no ambient and can simultaneously detect multiple touches (see abstract, see col. 11, 7-16).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the touch screen input device operates and can simultaneously detect multiple touches as taught by Fujimoto into display system comprising individual traces of Aufderheide et al for producing the claimed invention because this would provide both the capability of simultaneously detecting multiple touches and capability of operating with objects sitting on the screen surface are desirable in a desk-surface touch screen, see col. 2, lines 27-33).

As to claim 4, Aufderheide et al. disclose further including one or more integrated circuits for monitoring the capacitance at each of the electrodes, the integrated circuits being operatively coupled to the electrodes via the traces (see [0033]).

As to claim 5, Aufderheide et al. disclose further wherein the electrodes are placed in rows and columns (see X, Y coordinate).

As to claim 6, Aufderheide et al. disclose further wherein the electrodes and traces are formed from indium tin oxide (ITO) (see [0028-0029]).

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As to claim 24, is rejected as the same as claim 1 above, furthermore, Aufderheide et al. disclose wherein the touch panel comprising: a glass member disposed over the screen of the display, see [0030]; a transparent conductive layer (130) disposed over the glass member, the conductive layer including a pixilated array of electrically isolated electrodes, see[0032]; a transparent cover sheet disposed over the conductive layer; and one sensor integrated circuits operatively coupled to the electrodes, see [0027].

As to claim 33, Aufderheide et al. disclose further, the transparent capacitive sensing medium formed on a single side of a substrate (110, see [0025]).

As to claim 34, Aufderheide et al. disclose further, the transparent capacitive sensing medium formed on a transparent substrate ([see [0025]).

As to claim claim 35, Aufderheide et al. disclose further, wherein the transparent substrate (110) is formed from glass (see [0025]).

As to claim 36, Aufderheide et al. disclose further, wherein the capacitive sensing medium is a mutual capacitance sensing medium (see [0025]).

As to claim 37, Aufderheide et al. disclose further, the transparent capacitive sensing medium formed on both sides of a single substrate (see [0025]).

Claim 39 is rejected as the same as claim 1.

Claims 41-45, are rejected as the same as claims 33-37.

4. Claims 2, 15-20, 32, 38, 40 and 46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aufderheide et al. (US 2005/0083307) and Fujimoto (US 6,061,177) and in view of Westerman et al. (US 2002/0015024).

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As to claims 2, 15-20, 32, 38, 40 and 46, Aufderheide et al. and Fujimoto do not specifically disclose the capacitive sensing nodes are based on self capacitance, and a virtual ground charge amplifier coupled to the touch panel for detecting the touches on the touch panel. Westerman et al. disclose in fig. 2, a touch panel comprising a capacitive sensing node (48) and an amplifier (35) coupled to the touch panel for detecting the touches on the touch panel (see [0123]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the comprising a capacitive sensing node and an amplifier coupled to the touch panel for detecting the touches on the touch panel as taught by Westerman et al. into the touch system of Aufderheide et al. and Fujimoto et al. for producing the claimed invention because this would provide the suggested speed up in sensor array scanning (see [0123]).

#### *Allowable Subject Matter*

5. Claims 7-12, 25-26 are allowed.
6. Claims 21- 23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:  
None of the cited art teaches or suggests that wherein a first layer having a plurality of transparent conductive lines that are electrically isolate from one another; and a second layer spatially separated from the first layer and having a plurality of transparent: conductive lines that are electrically isolated from one another, the second conductive lines being positioned

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transverse to the first conductive lines, the intersection of transverse lines being positioned at different locations in the plane of the touch panel, each of the conductive lines being operatively coupled to capacitive monitoring circuitry as claim 7; or the sensing lines being configured to traverse across the driving lines in order to form a capacitive sensing node, the driving lines being connected to a voltage source and the sensing lines being connected to a capacitive sensing circuit, the voltage source driving a current through one driving line at a time and because of capacitive coupling, the current is carried through to the sensing lines at each of the capacitive sensing nodes as claim 21; or wherein the capacitive sensing nodes are coupled to a capacitive sensing circuit, and wherein the capacitive sensing circuit monitors changes in capacitance that occurs at each of the capacitive sensing nodes, the position where changes occur and the magnitude of those changes being used to help recognize the multiple touch events as claims 22;

or a second glass member disposed over the first transparent conductive layer; a second transparent conductive layer disposed over the second glass member, the second transparent conductive layer comprising a plurality of spaced apart parallel lines having the same pitch and linewidths, the parallel lines of the second transparent conductive layer being substantially perpendicular to the parallel lines of the first transparent conductive layer; a third glass member disposed over the second transparent conductive layer; and one or more sensor integrated circuits operatively coupled to the lines as claim 25.

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*Response to Arguments*

7. Applicant's arguments with respect to claims 1-2, 4-12, 15-26 and 32-46 filed on 7/10/09 have been considered but are moot in view of the new ground(s) of rejection.

*Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIMNHUNG NGUYEN whose telephone number is (571)272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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.

/Kimnhung Nguyen/  
Examiner, Art Unit 2629

<b>Index of Claims</b>  	<b>Application/Control No.</b> 10840862	<b>Applicant(s)/Patent Under Reexamination</b> HOTELLING ET AL.
	<b>Examiner</b> KIMNHUNG NGUYEN	<b>Art Unit</b> 2629

✓	<b>Rejected</b>
=	<b>Allowed</b>

-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA			<input type="checkbox"/> T.D.			<input type="checkbox"/> R.1.47		
CLAIM		DATE								
Final	Original	12/20/2008	05/29/2009	11/07/2009						
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	2	v	=	✓						
	3	-	-	-						
	4	v	=	✓						
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	12	v	=	=						
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	32	v	=	✓						
	33	v	=	✓						
	34	v	=	✓						
	35	v	=	✓						
	36	v	=	✓						

<b>Index of Claims</b>  	<b>Application/Control No.</b>  10840862	<b>Applicant(s)/Patent Under Reexamination</b>  HOTELLING ET AL.
	<b>Examiner</b>  KIMNHUNG NGUYEN	<b>Art Unit</b>  2629

✓	<b>Rejected</b>
=	<b>Allowed</b>

-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA			<input type="checkbox"/> T.D.			<input type="checkbox"/> R.1.47		
CLAIM		DATE								
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	38	v	=	✓						
	39	v	=	✓						
	40	v	=	✓						
	41	v	=	✓						
	42	v	=	✓						
	43	v	=	✓						
	44	v	=	✓						
	45	v	=	✓						
	46	v	O	✓						
	47	v	✓	-						
	48	v	✓	-						
	49	v	✓	-						
	50	v	✓	-						

<b>Search Notes</b>  	<b>Application/Control No.</b>  10840862	<b>Applicant(s)/Patent Under Reexamination</b>  HOTELLING ET AL.
	<b>Examiner</b>  KIMNHUNG NGUYEN	<b>Art Unit</b>  2629

<b>SEARCHED</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
345	173-179	11/4/09	KN
178	18.01-18.04	11/4/09	KN

<b>SEARCH NOTES</b>		
<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
East search	11/4/09	KN
Inventor name	11/4/09	KN

<b>INTERFERENCE SEARCH</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>

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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	((("20020015024") or ("3662105") or ("3798370") or ("5825351") or ("6188391") or ("6323846") or ("6570557") or ("6593916") or ("6650319") or ("6677932") or ("6856259") or ("6888536")).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/09 17:09
S2	281	(touch panel) and (transparent capacitive) and (multiple touches) and traces and 345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/09 17:38
S3	141	S2 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/09 17:39
S4	2	((("5854625") or ("5872561")).PN.	USPAT	OR	OFF	2008/05/09 17:47
S5	1	("20050146511").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/13 18:46
S6	1	("20050146511").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/19 15:01
S7	455	((touch screen) or (touch panel)) and (transparent capacitance capacitive) and traces and 345/173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:12
S8	381	S7 and (multiple touches)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:12
S9	186	S8 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:13

S10	1	S9 and (transparent adj electrode adj layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 18:30
S11	78	S9 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 18:31
S12	50	("4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/05/28 13:32
S13	46	((("20020118848") or ("20030076301") or ("20030076303") or ("20030076306") or ("20030095096") or ("20030098858") or ("20050012723") or ("20050052425") or ("20050110768") or ("20060022956") or ("20060026535") or ("2006026536") or ("20060032680") or ("20060066582") or ("20060097991") or ("3333160") or ("3541541") or ("3622105") or ("3798370") or ("4246452") or ("4550221") or	US-PGPUB; USPAT	OR	OFF	2009/05/28 14:53

		("4672364") or ("4672558") or ("4692809") or ("4695827") or ("4733222") or ("4734685") or ("4746770") or ("4771276") or ("4788384") or ("4806846") or ("4898555") or ("4968877") or ("5003519") or ("5017030") or ("5178477") or ("5189403") or ("5194862") or ("5224861") or ("5241308") or ("5252951") or ("5281966") or ("5305017") or ("5345543") or ("5376948") or ("5398310") or ("5442742"). PN.				
S14	15	(touch panel) same (transparent sensing sensor senses) same (multiple touches) same location same (electrodes traces) same (individual trace)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:06
S15	6	S14 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:07
S16	4451	(touch panel) and (transparent sensing sensor senses) and (multiple touches) and (electrodes layer) and location and traces	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:10
S17	282	S16 and 345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:11
S18	101	S17 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:11

S19	50	("4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/11/03 17:22
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S21	738	S20 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:25
S22	418	S21 and (transparent conductive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:27
S23	136	S22 and capacitance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:27

S24	26	S20 and (sensing or sensed or sensor) adj nodes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:29
S25	227	S20 and (touch event) and ground and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:34
S26	103	S25 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:34
S27	50	("4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/11/06 10:58
S28	1325	(touch panel) same (transparent electrode) same (electrode traces)and 345/173- 179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:29

S29	1180	S28 and 345/173-174.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:30
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S31	451	S30 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:30

11/ 7/ 09 6:11:12 PM

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ALTERNATIVE TO PTO/SB/08A/B  
(Based on PTO 08-08 version)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/840,862	
			Filing Date	May 6, 2004	
			First Named Inventor	Steven Porter HOTELLING	
			Art Unit	2629	
			Examiner Name	Kimnhung T. Nguyen	
Sheet	1	of	1	Attorney Docket Number	106842009000 <b>Client Ref. No. P3266US1</b>

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	1.	US-6,337,678-B1		01-08-2002	Fish	
	2.	US-6,723,929-B2		04-20-2004	Kent	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	3.	WO-01/27868-A1		04-19-2001	Synaptics Incorporated		

Examiner Signature	/Kimnhung Nguyen/	Date Considered	11/07/2009
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\*EXAMINER: Initial if information 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. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.N./

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	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.	T <sup>2</sup>

Examiner Signature	/Kimnhung Nguyen/	Date Considered	11/07/2009
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<b>Notice of References Cited</b>	Application/Control No. 10/840,862	Applicant(s)/Patent Under Reexamination HOTELLING ET AL.	
	Examiner KIMNHUNG NGUYEN	Art Unit 2629	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2005/0083307	04-2005	Aufderheide et al.	345/173
	B	US-			
	C	US-			
	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	
	V	
	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.

ALTERNATIVE TO PTO/SB/08A/B  
(Based on PTO 08-08 version)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10/840,862	
Sheet		1	of	1	Examiner Name	Kimnhung T. NGUYEN
					Attorney Docket Number	106842009000 <b>Client Ref. P3266US1</b>

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	1.	JP-59-214941	12-04-1984	Toshiba Corp	Full English Translation	<input checked="" type="checkbox"/>
	2.	JP-2002-342033	11-29-2002	Sony Corp	Full English Translation	<input checked="" type="checkbox"/>

Examiner Signature	/Kimnhung Nguyen/	Date Considered	11/07/2009
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\*EXAMINER: Initial if information 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. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	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.	T <sup>2</sup>
			<input checked="" type="checkbox"/>

Examiner Signature		Date Considered	
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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. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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ALTERNATIVE TO PTO/SB08A/B  
 (Based on PTO 08-08 version)

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/840,862
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	May 6, 2004
				First Named Inventor	Steve P. HOTELLING
				Art Unit	2629
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	106842009000
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	US-4,914,624	04-03-1990	Dunthorn et al.	
	2.	US-5,589,856	12-31-1996	Stein et al.	
	3.	US-2005/0146511	07-07-2005	Hill et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>2</sup> -Number-Kind Code <sup>3</sup> (if known)				
	4.	JP-59-214941	12-04-1984	Toshiba Corp	with English abstract	
	5.	JP-60-211529	10-23-1985	AMP Inc.	with English abstract	
	6.	JP-08-016307	01-19-1998	Pentel KK	with English abstract	
	7.	JP-2000-112642	04-21-2000	Digital Electronics Corp	with English abstract	
	8.	JP-2002-342033	11-29-2002	Sony Corp	with English abstract	
	9.	JP-2003-029899	01-31-2003	Sony Corp	with English abstract	
	10.	EP-0 156 593	10-02-1985	AMP Incorporated		✓
	11.	EP-0 250 931	01-07-1988	International Business Machines Corp		✓

Examiner Signature	/Kimnhung Nguyen/ /Kimnhung Nguyen/	Date Considered	12/20/2008 11/07/2009
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	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.	T <sup>2</sup>
	12.	International search report for International Application No. PCT/US2005/014364 mailed January 12, 2005	✓

Examiner Signature	/Kimnhung Nguyen/ /Kimnhung Nguyen/	Date Considered	12/20/2008 11/07/2009
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VIA EFS  
Docket No.: 106842009000  
Client Ref. No.: P3266US1  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Steve HOTELLING et al.

Application No.: 10/840,862

Confirmation No.: 8470

Filed: May 6, 2004

Art Unit: 2629

For: MULTI-POINT TOUCHSCREEN

Examiner: Kimnhung T. Nguyen

**AMENDMENT UNDER 37 CFR 1.111**

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

Dear Madam:

**INTRODUCTORY COMMENTS**

This is in response to the non-final Office Action dated November 12, 2009, for which a response is due on February 12, 2010. Reconsideration and allowance of the pending claims in light of the remarks presented herein are respectfully requested.

There are no amendments to the specification or drawings.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

la-1054939

APLND00027037

**AMENDMENTS TO THE CLAIMS**

Claims 1-6 (canceled)

Claim 7 (previously presented): A touch panel comprising a transparent capacitive sensing medium configured to detect multiple touches or near touches that occur at a same time and at distinct locations in a plane of the touch panel and to produce distinct signals representative of a location of the touches on the plane of the touch panel for each of the multiple touches, wherein the transparent capacitive sensing medium comprises:

a first layer having a plurality of transparent first conductive lines that are electrically isolated from one another; and

a second layer spatially separated from the first layer and having a plurality of transparent second conductive lines that are electrically isolated from one another, the second conductive lines being positioned transverse to the first conductive lines, the intersection of transverse lines being positioned at different locations in the plane of the touch panel, each of the second conductive lines being operatively coupled to capacitive monitoring circuitry;

wherein the capacitive monitoring circuitry is configured to detect changes in charge coupling between the first conductive lines and the second conductive lines.

Claim 8 (original): The touch panel as recited in claim 7 wherein the conductive lines on each of the layers are substantially parallel to one another.

Claim 9 (original): The touch panel as recited in claim 8 wherein the conductive lines on different layers are substantially perpendicular to one another.

Claim 10 (previously presented): The touch panel as recited in claim 7 wherein the transparent first conductive lines of the first layer are disposed on a first glass member, and wherein the transparent second conductive lines of the second layer are disposed on a second glass member, the first glass member being disposed over the second glass member.

Claim 11 (original): The touch panel as recited in claim 10 further including a third glass member disposed over the first glass member, the first and second glass members being attached to one another via an adhesive layer, the third glass member being attached to the first glass member via another adhesive layer.

Claim 12 (original): The touch panel as recited in claim 7 wherein the conductive lines are formed from indium tin oxide (ITO).

Claims 13-24 (canceled)

Claim 25 (previously presented): A display arrangement comprising:  
a display having a screen for displaying a graphical user interface; and  
a transparent touch panel allowing the screen to be viewed therethrough and capable of recognizing multiple touch events that occur at different locations on the touch panel at a same time and to output this information to a host device to form a pixilated image;

wherein the touch panel includes a multipoint sensing arrangement configured to simultaneously detect and monitor the touch events and a change in capacitive coupling associated with those touch events at distinct points across the touch panel; and

wherein the touch panel comprises:

a first glass member disposed over the screen of the display;

a first transparent conductive layer disposed over the first glass member, the first transparent conductive layer comprising a plurality of spaced apart parallel lines having the same pitch and linewidths;

a second glass member disposed over the first transparent conductive layer;

a second transparent conductive layer disposed over the second glass member, the second transparent conductive layer comprising a plurality of spaced apart parallel lines having the same pitch and linewidths, the parallel lines of the second transparent conductive layer being substantially perpendicular to the parallel lines of the first transparent conductive layer;

a third glass member disposed over the second transparent conductive layer; and  
one or more sensor integrated circuits operatively coupled to the lines.

Claim 26 (original): The display arrangement as recited in claim 25 further including dummy features disposed in the space between the parallel lines, the dummy features optically improving the visual appearance of the touch screen by more closely matching the optical index of the lines.

Claims 27-35 (canceled)

Claim 36 (previously presented): The touch panel as recited in claim 7, wherein the capacitive sensing medium is a mutual capacitance sensing medium.

Claim 37 (previously presented): The touch panel as recited in claim 7, the transparent capacitive sensing medium formed on both sides of a single substrate.

Claim 38 (previously presented): The touch panel as recited in claim 36, further comprising a virtual ground charge amplifier coupled to the touch panel for detecting the touches on the touch panel.

Claims 39-50 (canceled)

**REMARKS**

Claims 1, 2, 4-12, 15-26 and 32-46 were pending in the application, with claims 27, 28, 30 and 31 previously withdrawn from consideration, and claims 3, 13, 14, 27-31 and 47-50 previously canceled. Claims 1, 4-6, 24, 33-37 and 41-45 were rejected under 35 U.S.C. §103(a) as being unpatentable over Aufderheide et al. in view of Fujimoto. Claims 2, 15-20, 32, 38, 40 and 46 were rejected under 35 U.S.C. §103(a) as being unpatentable over Aufderheide and Fujimoto and in view of Westerman et al. Claims 7-12, 25 and 26 have been allowed. Claims 21-23 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 1, 2, 4-6, 15-24, 32-35 and 39-46 have been canceled, leaving claims 7-12, 25, 26 and 36-38 presently under consideration. With respect to all amendments, Applicants have not dedicated or abandoned any unclaimed subject matter. Moreover, Applicants have not acquiesced to any characterizations of the invention, nor any rejections or objections of the claims, made by the Examiner.

The Applicants wish to express their appreciation to Examiner Nguyen for her courtesy during the telephone call conducted on November 20, 2009. During the telephone call, it was agreed that claims 1, 2, 4-6, 15-24, 32-35 and 39-46 were to be canceled by Examiner's Amendment, and that claims 7-12, 25, 26 and 36-38 were allowable. However, Applicants have now been informed by the Examiner that, notwithstanding the agreements above, a response from the Applicant is required. To the extent that a confirmation of the agreement above will satisfy the requirement for a response, Applicants confirm that claims 1, 2, 4-6, 15-24, 32-35 and 39-46 can be canceled by Examiner's Amendment, and that agreement was reached with the Examiner that claims 7-12, 25, 26 and 36-38 were allowable. It is Applicants' understanding that this confirmation will allow the Examiner's Notice of Allowance to be accepted by the USPTO.

In the alternative, and only if the preceding is not a sufficient response, then the Applicants' present the formal response herein for consideration. Reconsideration and

reexamination of the application in view of the amendments and following remarks is respectfully requested.

**Claims 1, 4-6, 24, 33-37 and 41-45 were rejected under 35 U.S.C. §103(a) as being unpatentable over Aufderheide et al. in view of Fujimoto.** Claims 1, 4-6, 24, 33-35 and 41-45 have now been canceled, rendering their rejections moot. The rejection of claims 36 and 37 is respectfully traversed.

Claims 36 and 37 depend from allowable claim 7, and therefore claims 36 and 37 are also allowable.

**Claims 2, 15-20, 32, 38, 40 and 46 were rejected under 35 U.S.C. §103(a) as being unpatentable over Aufderheide and Fujimoto and in view of Westerman.** Claims 2, 15-20, 32, 40 and 46 have been canceled, rendering their rejections moot. The rejection of claim 38 is respectfully traversed.

Claim 38 depends from allowable claim 7, and therefore claim 38 is also allowable.

**Claims 7-12, 25 and 26 have been allowed.** The Applicants thank the Examiner for the indication of allowable subject matter.

**Claims 21-23 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.** Claims 21-23 have been canceled, rendering their rejection moot.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

By responding in the foregoing remarks only to particular positions asserted by the Examiner, the applicant does not necessarily acquiesce in other positions that have not been explicitly addressed. In addition, the Applicant's arguments for the patentability of a claim should not be understood as implying that no other reasons for the patentability of that claim exist.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing Docket No. 106842009000.

Dated: November 30, 2009

Respectfully submitted,

By           /Glenn M. Kubota/          

Glenn M. Kubota

Registration No.: 44,197

MORRISON & FOERSTER LLP

555 West Fifth Street, 35<sup>th</sup> Floor

Los Angeles, CA 90013-1024

(213) 892-5752

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6539231
<b>Application Number:</b>	10840862
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8470
<b>Title of Invention:</b>	Multipoint touchscreen
<b>First Named Inventor/Applicant Name:</b>	Steve Hotelling
<b>Customer Number:</b>	69753
<b>Filer:</b>	Glen Masashi Kubota/Lisa Bronk
<b>Filer Authorized By:</b>	Glen Masashi Kubota
<b>Attorney Docket Number:</b>	106842009000
<b>Receipt Date:</b>	30-NOV-2009
<b>Filing Date:</b>	06-MAY-2004
<b>Time Stamp:</b>	15:55:32
<b>Application Type:</b>	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	Miscellaneous Incoming Letter	2009000TRANS113009.pdf	41770 <small>5227f1eb6d3ada2ef476721874957e03a3a b8018</small>	no	1

### Warnings:

### Information:

2		2009000AMENDNFOA113009.pdf	299190 8429b52c01d0e02741663c236f5aaafce868ff	yes	8
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<b>Multipart Description/PDF files in .zip description</b>			
	<b>Document Description</b>	<b>Start</b>	<b>End</b>
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	5
	Applicant Arguments/Remarks Made in an Amendment	6	8

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	340960
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**New Applications Under 35 U.S.C. 111**  
**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.**

**National Stage of an International Application under 35 U.S.C. 371**  
**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.**

**New International Application Filed with the USPTO as a Receiving Office**  
**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.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">TRANSMITTAL FORM</h1> <p style="font-size: small; margin: 5px 0;">(to be used for all correspondence after initial filing)</p>	Application Number	10/840,862
	Filing Date	May 6, 2004
	First Named Inventor	Steve HOTELLING
	Art Unit	2629
	Examiner Name	Kimnhung T. Nguyen
Total Number of Pages in This Submission	9	Attorney Docket Number <b>Client Ref. No.: P3266US1</b>

ENCLOSURES (Check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Remarks</td> <td style="height: 40px;"></td> </tr> </table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP (Customer No. 69753)		
Signature	/Glenn M. Kubota/		
Printed name	Glenn M. Kubota		
Date	November 30, 2009	Reg. No.	44,197

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	Application or Docket Number <b>10/840,862</b>	Filing Date <b>05/06/2004</b>	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED (Column 1)	NUMBER EXTRA (Column 2)	SMALL ENTITY <input type="checkbox"/>	OR	SMALL ENTITY	OTHER THAN SMALL ENTITY	
			RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
AMENDMENT	DATE	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY	OR	SMALL ENTITY	OTHER THAN SMALL ENTITY
						RATE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	<b>11/30/2009</b>					X \$ =		X \$52=	0
	Total <small>(37 CFR 1.16(i))</small>	* 11	Minus	** 47	= 0	X \$ =		X \$220=	0
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus	***7	= 0				
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
						TOTAL ADD'L FEE		TOTAL ADD'L FEE	0

AMENDMENT	DATE	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY	OR	SMALL ENTITY	OTHER THAN SMALL ENTITY
						RATE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
						X \$ =		X \$ =	
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =		X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=				
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
						TOTAL ADD'L FEE		TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:  
/JERMAINE D. MINOR/

This collection of information is required by 37 CFR 1.16. 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: 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.



NOTICE OF ALLOWANCE AND FEE(S) DUE

69753 7590 12/16/2009

APPLE C/O MORRISON AND FOERSTER ,LLP
LOS ANGELES
555 WEST FIFTH STREET SUITE 3500
LOS ANGELES, CA 90013-1024

EXAMINER
NGUYEN, KIMNHUNG T
ART UNIT PAPER NUMBER

2629
DATE MAILED: 12/16/2009

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

10/840,862 05/06/2004 Steve Hotelling 106842009000 8470
TITLE OF INVENTION: MULTIPPOINT TOUCHSCREEN

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

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  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (571)-273-2885**

**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.

69753                      7590                      12/16/2009

**APPLE C/O MORRISON AND FOERSTER ,LLP  
 LOS ANGELES  
 555 WEST FIFTH STREET SUITE 3500  
 LOS ANGELES, CA 90013-1024**

**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. 10/840,862	FILING DATE 05/06/2004	FIRST NAMED INVENTOR Steve Hotelling	ATTORNEY DOCKET NO. 106842009000	CONFIRMATION NO. 8470
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TITLE OF INVENTION: MULTIPPOINT TOUCHSCREEN

APPLN. TYPE nonprovisional	SMALL ENTITY NO	ISSUE FEE DUE \$1510	PUBLICATION FEE DUE \$300	PREV. PAID ISSUE FEE \$0	TOTAL FEE(S) DUE \$1810	DATE DUE 03/16/2010
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EXAMINER NGUYEN, KIMNHUNG T	ART UNIT 2629	CLASS-SUBCLASS 345-173000
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<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. <b>Use of a Customer Number is required.</b></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>
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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): (<b>Please first reapply any previously paid issue fee shown above</b>)</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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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 10/840,862, 05/06/2004, Steve Hotelling, 106842009000, 8470
Row 2: 69753, 7590, 12/16/2009, (Empty), (Empty)
Row 3: APPLE C/O MORRISON AND FOERSTER ,LLP, LOS ANGELES, 555 WEST FIFTH STREET SUITE 3500, LOS ANGELES, CA 90013-1024
Row 4: (Empty), (Empty), (Empty), EXAMINER, (Empty)
Row 5: (Empty), (Empty), (Empty), NGUYEN, KIMNHUNG T, (Empty)
Row 6: (Empty), (Empty), (Empty), ART UNIT, (Empty)
Row 7: (Empty), (Empty), (Empty), 2629, (Empty)
Row 8: (Empty), (Empty), (Empty), DATE MAILED: 12/16/2009, (Empty)

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 662 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 662 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 Allowability**

<b>Application No.</b> 10/840,862	<b>Applicant(s)</b> HOTELLING ET AL.	
<b>Examiner</b> KIMNHUNG NGUYEN	<b>Art Unit</b> 2629	

**-- 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 11/30/09.
- 2.  The allowed claim(s) is/are 7-12,25,26 and 36-38.
- 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.  Notice of References Cited (PTO-892)
- 2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3.  Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- 4.  Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5.  Notice of Informal Patent Application
- 6.  Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_.
- 7.  Examiner's Amendment/Comment
- 8.  Examiner's Statement of Reasons for Allowance
- 9.  Other \_\_\_\_\_.

/Richard Hjerpe/  
Supervisory Patent Examiner, Art Unit 2629

### DETAILED ACTION

1. This application has been examined. **The claims 7-12, 25-26 and 36-38 are allowed.**

#### *Allowable Subject Matter*

2. The following is an examiner's statement of reasons for allowance: None of the cited art teaches or suggests that a touch panel comprising a transparent capacitive sensing medium, wherein a first layer having a plurality of transparent conductive lines that are electrically isolate from one another; and a second layer spatially separated from the first layer and having a plurality of transparent: conductive lines that are electrically isolated from one another, the second conductive lines being positioned transverse to the first conductive lines, the intersection of transverse lines being positioned at different locations in the plane of the touch panel, each of the conductive lines being operatively coupled to capacitive monitoring circuitry as claim 7; or a second glass member disposed over the first transparent conductive layer; a second transparent conductive layer disposed over the second glass member, the second transparent conductive layer comprising a plurality of spaced apart parallel lines having the same pitch and linewidths, the parallel lines of the second transparent conductive layer being substantially perpendicular to the parallel lines of the first transparent conductive layer; a third glass member

Art Unit: 2629

disposed over the second transparent conductive layer; and one or more sensor integrated circuits operatively coupled to the lines as claim 25.

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.”

### *Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIMNHUNG NGUYEN whose telephone number is (571)272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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.

Application/Control Number: 10/840,862  
Art Unit: 2629

Page 4

/K. N./  
Examiner, Art Unit 2629

**/Richard Hjerpe/  
Supervisory Patent Examiner, Art Unit 2629**

<b>Issue Classification</b> 	<b>Application/Control No.</b> 10840862	<b>Applicant(s)/Patent Under Reexamination</b> HOTELLING ET AL.
	<b>Examiner</b> KIMNHUNG NGUYEN	<b>Art Unit</b> 2629

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED									
345		173				G	0	6	F	3 / 041 (2006.01.01)										
<b>CROSS REFERENCE(S)</b>																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
345	174																			
178	18.01																			

<input checked="" type="checkbox"/> <b>Claims renumbered in the same order as presented by applicant</b> <input type="checkbox"/> <b>CPA</b> <input type="checkbox"/> <b>T.D.</b> <input type="checkbox"/> <b>R.1.47</b>															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		17		33		49								
	2		18		34		50								
	3		19		35										
	4		20	7	36										
	5		21	9	37										
	6		22	8	38										
1	7		23		39										
2	8		24		40										
3	9	10	25		41										
4	10	11	26		42										
5	11		27		43										
6	12		28		44										
	13		29		45										
	14		30		46										
	15		31		47										
	16		32		48										

/KIMNHUNG NGUYEN/ Examiner.Art Unit 2629  (Assistant Examiner)	12/9/09  (Date)	<b>Total Claims Allowed:</b>  11	
/RICHARD HJERPE/ Supervisory Patent Examiner.Art Unit 2629  (Primary Examiner)	12/9/09  (Date)	O.G. Print Claim(s)  1	O.G. Print Figure  6A

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	((("20020015024") or ("3662105") or ("3798370") or ("5825351") or ("6188391") or ("6323846") or ("6570557") or ("6593916") or ("6650319") or ("6677932") or ("6856259") or ("6888536")).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/09 17:09
S2	281	(touch panel) and (transparent capacitive) and (multiple touches) and traces and 345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/09 17:38
S3	141	S2 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/09 17:39
S4	2	((("5854625") or ("5872561")).PN.	USPAT	OR	OFF	2008/05/09 17:47
S5	1	("20050146511").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/13 18:46
S6	1	("20050146511").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/19 15:01
S7	455	((touch screen) or (touch panel)) and (transparent capacitance capacitive) and traces and 345/173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:12
S8	381	S7 and (multiple touches)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:12
S9	186	S8 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 17:13

S10	1	S9 and (transparent adj electrode adj layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 18:30
S11	78	S9 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/19 18:31
S12	50	("4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/05/28 13:32
S13	46	((("20020118848") or ("20030076301") or ("20030076303") or ("20030076306") or ("20030095096") or ("20030098858") or ("20050012723") or ("20050052425") or ("20050110768") or ("20060022956") or ("20060026535") or ("2006026536") or ("20060032680") or ("20060066582") or ("20060097991") or ("3333160") or ("3541541") or ("3622105") or ("3798370") or ("4246452") or ("4550221") or	US-PGPUB; USPAT	OR	OFF	2009/05/28 14:53

		("4672364") or ("4672558") or ("4692809") or ("4695827") or ("4733222") or ("4734685") or ("4746770") or ("4771276") or ("4788384") or ("4806846") or ("4898555") or ("4968877") or ("5003519") or ("5017030") or ("5178477") or ("5189403") or ("5194862") or ("5224861") or ("5241308") or ("5252951") or ("5281966") or ("5305017") or ("5345543") or ("5376948") or ("5398310") or ("5442742")). PN.				
S14	15	(touch panel) same (transparent sensing sensor senses) same (multiple touches) same location same (electrodes traces) same (individual trace)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:06
S15	6	S14 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:07
S16	4451	(touch panel) and (transparent sensing sensor senses) and (multiple touches) and (electrodes layer) and location and traces	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:10
S17	282	S16 and 345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:11
S18	101	S17 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/28 15:11

S19	50	("4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/11/03 17:22
S20	1708	(touch panel) and (multiple touches) same (time or timing or period)and 345/173-179. cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:24
S21	738	S20 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:25
S22	418	S21 and (transparent conductive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:27
S23	136	S22 and capacitance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:27

S24	26	S20 and (sensing or sensed or sensor) adj nodes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:29
S25	227	S20 and (touch event) and ground and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:34
S26	103	S25 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 15:34
S27	50	"4853498" "6138523" "5241308" "5404443" "5642185" "5917477" "6023265" "20060097991" "20090066670" "20090096757" "20090096758" "5404458" "5751276" "5818450" "5943043" "4623757" "4868912" "5428367" "5483261" "6028581" "6028595" "6061177" "6072475" "6232961" "4465465" "4833592" "4837430" "4888479" "4922061" "4933544" "5053757" "5313051" "5347940" "5559301" "5565658" "5580662" "5670987" "5708460" "5757359" "5777596" "5966122" "5982355" "6104443" "6118435" "6143181" "6229529" "6343519" "6480187" "6504530" "6626013" ).pn.	US-PGPUB; USPAT	OR	OFF	2009/11/06 10:58
S28	1325	(touch panel) same (transparent electrode) same (electrode traces)and 345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:29

S29	1180	S28 and 345/173-174.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:30
S30	996	S29 and 345/173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:30
S31	451	S30 and (@ad<="20040506")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 13:30

11/ 21/ 09 12:35:53 PM

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 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8470

<b>SERIAL NUMBER</b> 10/840,862	<b>FILING or 371(c) DATE</b> 05/06/2004 <b>RULE</b>	<b>CLASS</b> 345	<b>GROUP ART UNIT</b> 2629	<b>ATTORNEY DOCKET NO.</b> 106842009000		
<b>APPLICANTS</b> Steve Hotelling, San Jose, CA; Joshua A. Strickon, San Jose, CA; Brian Q. Huppi, San Francisco, CA;						
** CONTINUING DATA *****						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 07/13/2004						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Met after Allowance KN _____ Initials	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWINGS</b> 14	<b>TOTAL CLAIMS</b> 31	<b>INDEPENDENT CLAIMS</b> 6
35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Verified and /KIMNHUNG T NGUYEN/ Acknowledged _____ Examiner's Signature						
<b>ADDRESS</b> APPLE C/O MORRISON AND FOERSTER ,LLP LOS ANGELES 555 WEST FIFTH STREET SUITE 3500 LOS ANGELES, CA 90013-1024 UNITED STATES						
<b>TITLE</b> Multipoint touchscreen						
<b>FILING FEE RECEIVED</b> 2236	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		

<b>Search Notes</b>  	<b>Application/Control No.</b>  10840862	<b>Applicant(s)/Patent Under Reexamination</b>  HOTELLING ET AL.
	<b>Examiner</b>  KIMNHUNG NGUYEN	<b>Art Unit</b>  2629

<b>SEARCHED</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
345	173-179	11/4/09	KN
178	18.01-18.04	11/4/09	KN

<b>SEARCH NOTES</b>		
<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
East search	11/4/09	KN
Inventor name	11/4/09	KN

<b>INTERFERENCE SEARCH</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
345	173-179	11/4/09	KN
178	18.01-18.04	11/4/09	KN

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<b>Index of Claims</b>  	<b>Application/Control No.</b>  10840862	<b>Applicant(s)/Patent Under Reexamination</b>  HOTELLING ET AL.
	<b>Examiner</b>  KIMNHUNG NGUYEN	<b>Art Unit</b>  2629

✓	<b>Rejected</b>
=	<b>Allowed</b>

-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
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	2	v	=	✓	-				
	3	-	-	-	-				
	4	v	=	✓	-				
	5	v	=	✓	-				
	6	v	=	✓	-				
1	7	v	=	=	=				
2	8	v	=	=	=				
3	9	v	=	=	=				
4	10	o	=	=	=				
5	11	o	=	=	=				
6	12	v	=	=	=				
	13	v	✓	-	-				
	14	-	-	-	-				
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7	36	v	=	✓	=				

<b>Index of Claims</b>  	<b>Application/Control No.</b>  10840862	<b>Applicant(s)/Patent Under Reexamination</b>  HOTELLING ET AL.
	<b>Examiner</b>  KIMNHUNG NGUYEN	<b>Art Unit</b>  2629

✓	<b>Rejected</b>
=	<b>Allowed</b>

-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
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	47	v	✓	-	-				
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	50	v	✓	-	-				

PART B - FEE(S) TRANSMITTAL

VIA E.F.S.  
CLIENT REF.: P3266US1

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
Commissioner for Patents  
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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)

69753 7590 12/16/2009

APPLE C/O MORRISON AND FOERSTER ,LLP  
LOS ANGELES  
555 WEST FIFTH STREET SUITE 3500  
LOS ANGELES, CA 90013-1024

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.

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.
10/840,862	05/06/2004	Steve Hotelling	106842009000	8470

TITLE OF INVENTION: MULTIPPOINT TOUCHSCREEN

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	03/16/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, KIMNHUNG T	2629	345-173000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "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.

2. For printing on the patent front page, list  
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1 Morrison & Foerster LLP  
 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

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

APPLE INC.

CUPERTINO, CA

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

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 Publication Fee (No small entity discount permitted)  
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4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  
 A check is enclosed.  
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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   
 Typed or printed name Glenn M. Kubota

Date December 22, 2009  
 Registration No. 44,197

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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CLIENT REF.: P3266US1

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**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.

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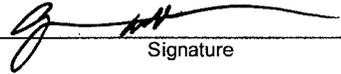
OR

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

PATENT NUMBER (if known)	APPLICATION NUMBER
	10/840,862

Completed by (check one):

- Applicant/Inventor
- Attorney or Agent of record 44,197  
(Reg. No.)
- 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)
- Assignee recorded at Reel \_\_\_\_\_ Frame \_\_\_\_\_

  
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 Signature

Glenn M. Kubota  
 \_\_\_\_\_  
 Typed or printed name

(213) 892-5752  
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 Requester's telephone number

December 22, 2009  
 \_\_\_\_\_  
 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.

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**Client Ref.: P3266US1**

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	10840862
<b>Filing Date:</b>	06-May-2004
<b>Title of Invention:</b>	MULTIPOINT TOUCHSCREEN
<b>First Named Inventor/Applicant Name:</b>	Steve Hotelling
<b>Filer:</b>	Glen Masashi Kubota/Raiza Singh
<b>Attorney Docket Number:</b>	106842009000

Filed as Large Entity

### Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
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(\$)
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
Printed copy of patent - no color	8001	10	3	30
<b>Total in USD (\$)</b>				<b>1840</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6688929
<b>Application Number:</b>	10840862
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8470
<b>Title of Invention:</b>	MULTIPOINT TOUCHSCREEN
<b>First Named Inventor/Applicant Name:</b>	Steve Hotelling
<b>Customer Number:</b>	69753
<b>Filer:</b>	Glen Masashi Kubota/Raiza Singh
<b>Filer Authorized By:</b>	Glen Masashi Kubota
<b>Attorney Docket Number:</b>	106842009000
<b>Receipt Date:</b>	22-DEC-2009
<b>Filing Date:</b>	06-MAY-2004
<b>Time Stamp:</b>	14:30:19
<b>Application Type:</b>	Utility under 35 USC 111(a)

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Payment was successfully received in RAM	\$1840
RAM confirmation Number	962
Deposit Account	031952
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Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

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1	Issue Fee Payment (PTO-85B)	Issue_Fee_Transmittal.pdf	108599	no	1
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<b>Warnings:</b>					
<b>Information:</b>					
2	Change of Address	Fee_Address_Indication_Form.pdf	54383	no	1
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<b>Information:</b>					
3	Fee Worksheet (PTO-875)	fee-info.pdf	33550	no	2
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<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			196532		

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#### **New Applications Under 35 U.S.C. 111**

**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.**

#### **National Stage of an International Application under 35 U.S.C. 371**

**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.**

#### **New International Application Filed with the USPTO as a Receiving Office**

**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.**

Form PTO-1449 (modified)		Atty. Docket No. 119-0093US	Serial No. 10/840,862
List of Patents and Publications for Applicant's  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)		Applicant(s): Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi Title: MULTIPOINT TOUCHSCREEN	
		Filing Date: May 6, 2004	Group: 2673
		U.S. Patent Documents Beginning on Page 1	Foreign Patent Documents See Page 8

**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/K.N./	A124	6,135,958	10/24/2000	Mikula-Curtis et al.	600	443	08/06/1998
/K.N./	A125	6,144,380	11/07/2000	Schwartz et al.	345	350	02/19/1997
/K.N./	A126	6,188,391	02/13/2001	Seely et al.	345	173	07/09/1998
/K.N./	A127	6,198,515	03/06/2001	Cole	348	836	03/16/1998
/K.N./	A128	6,208,329	03/27/2001	Ballare	345	173	08/13/1996
/K.N./	A129	6,222,465	04/24/2001	Kumar et al.	341	20	12/09/1998
/K.N./	A130	6,239,790	05/29/2001	Martinelli et al.	345	174	08/17/1999
/K.N./	A131	6,243,071	06/05/2001	Shwartz et al.	345	146	11/03/1993
/K.N./	A132	6,246,862	06/12/2001	Grivas et al.	455	90	02/03/1999
/K.N./	A133	6,249,606	06/19/2001	Kiraly et al.	382	195	02/19/1998
/K.N./	A134	6,288,707	09/11/2001	Philipp	345	168	01/25/1999
/K.N./	A135	6,289,326	09/11/2001	LaFleur	705	702	06/04/1997
/K.N./	A136	6,292,178	09/18/2001	Bernstein et al.	345	173	10/19/1998
/K.N./	A137	6,323,840 <sup>840</sup>	11/27/2001	Westerman et al	345	173	01/25/1999
/K.N./	A138	6,347,290	02/12/2002	Bartlett	702	150	06/24/1998
/K.N./	A139	6,377,009	04/23/2002	Philipp	318	468	09/07/2000
/K.N./	A140	6,380,931	04/30/2002	Gillespie et al.	345	173	05/18/2001
/K.N./	A141	6,411,287	06/25/2002	Scharff et al.	345	177	09/08/1999
/K.N./	A142	6,414,671	07/02/2002	Gillespie et al.	345	157	03/24/1998
/K.N./	A143	6,421,234	07/16/2002	Ricks et al.	361	683	01/10/2000
/K.N./	A144	6,452,514	09/17/2002	Philipp	341	33	01/26/2000
/K.N./	A145	6,457,355	10/01/2002	Philipp	73	304	08/24/2000
/K.N./	A146	6,466,036	10/15/2002	Philipp	324	678	09/07/1999
/K.N./	A147	6,515,669	02/04/2003	Mohri	345	474	10/06/1999

AE  
1-8-2010

<b>EXAMINER:</b> /Kimhung Nguyen/	<b>DATE CONSIDERED:</b> 05/11/2008
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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)



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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/840,862	02/16/2010	7663607	106842009000	8470

69753                      7590                      01/27/2010  
APPLE C/O MORRISON AND FOERSTER ,LLP  
LOS ANGELES  
555 WEST FIFTH STREET SUITE 3500  
LOS ANGELES, CA 90013-1024

## 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 754 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 Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

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

Steve Hotelling, San Jose, CA;  
Joshua A. Strickon, San Jose, CA;  
Brian Q. Huppi, San Francisco, CA;

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	8155852
<b>Application Number:</b>	10840862
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8470
<b>Title of Invention:</b>	MULTIPOINT TOUCHSCREEN
<b>First Named Inventor/Applicant Name:</b>	Steve Hotelling
<b>Customer Number:</b>	69753
<b>Filer:</b>	Glenn M Kubota/Lisa Bronk
<b>Filer Authorized By:</b>	Glenn M Kubota
<b>Attorney Docket Number:</b>	106842009000
<b>Receipt Date:</b>	04-AUG-2010
<b>Filing Date:</b>	06-MAY-2004
<b>Time Stamp:</b>	17:09:46
<b>Application Type:</b>	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	Patent Term Adjustment Petition	2002000REQRECALC8410.pdf	51226 <small>94e6b4852833131ac2da8e344cc1fada24e e1654</small>	no	1

### Warnings:

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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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Doc Code: PET.PTA.RCAL

Document Description: Request for Recalculation in view of Wyeth

PTO/SB/131 (02-10)

Approved for use through 02/28/2011. OMB 0651-0020

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### REQUEST FOR RECALCULATION OF PATENT TERM ADJUSTMENT IN VIEW OF *WYETH*\*

Attorney Docket Number:	106842009000		
Application Number:	10/840,862	Filing Date (or 371(b) or (f) Date):	May 6, 2004
Patent Number:	7,663,607 B2	Issue Date:	February 16, 2010
First Named Inventor:	Steve HOTELLING		
Title:	MULTIPOINT TOUCHSCREEN		
<p>PATENTEE HEREBY REQUESTS RECALCULATION OF THE PATENT TERM ADJUSTMENT (PTA) UNDER 35 USC 154(b) INDICATED ON THE ABOVE-IDENTIFIED PATENT. THE PATENTEE'S SOLE BASIS FOR REQUESTING THE RECALCULATION IS THE USPTO'S PRE-<i>WYETH</i> INTERPRETATION OF 35 U.S.C. 154(b)(2)(A).</p> <p>Note: This form is only for requesting a recalculation of PTA for patents issued before March 2, 2010, if the sole basis for requesting the recalculation is the USPTO's pre-<i>Wyeth</i> interpretation of 35 U.S.C. 154(b)(2)(A). See Instruction Sheet on page 2 for more information.</p> <p>Patentees are reminded that to preserve the right to review in the United States District Court for the District of Columbia of the USPTO's patent term adjustment determination, a patentee must ensure that he or she also takes the steps required under 35 U.S.C. 154(b)(3) and (b)(4) and 37 CFR 1.705 in a timely manner.</p> <p>*<i>Wyeth v. Kappos</i>, No. 2009-1120 (Fed. Cir., Jan. 7, 2010).</p>			

Signature	/Glenn M. Kubota/	Date	August 4, 2010
Name (Print/Typed)	Glenn M. Kubota	Registration Number	44,197
<p><b>Note:</b> Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.</p>			
<input checked="" type="checkbox"/> *Total of <u>  1  </u> forms are submitted.			

Client Ref. No.: P3266US1  
la-1084857

APLNDC00027077



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SUITE 200  
LOS ANGELES, CA 90013-1024

Mail Date: 08/17/2010

**Applicant** : Steve Hotelling : DECISION ON REQUEST FOR  
**Patent Number** : 7663607 : RECALCULATION of PATENT  
**Issue Date** : 02/16/2010 : TERM ADJUSTMENT IN VIEW  
**Application No** : 10/840,862 : OF WYETH AND NOTICE OF INTENT TO  
**Filed** : 05/06/2004 : ISSUE CERTIFICATE OF CORRECTION  
:

The Request for Recalculation is **GRANTED** to the extent indicated.

The patent term adjustment has been determined to be **1423** days. The USPTO will *sua sponte* issue a certificate of correction reflecting the amount of PTA days determined by the recalculation.

Prior to the issuance of the certificate of correction, the USPTO will afford patentee an opportunity to be heard and request reconsideration. Accordingly, patentee has **one month or thirty (30) days**, whichever is longer, to file a request for reconsideration of this patent term adjustment calculation. See 35 U.S.C. 154(b)(3)(B)(ii) and 37 CFR 1.322(a)(4). No extensions of time will be granted under 37 CFR 1.136.

Patentee should use document code PET.OP if electronically filing a request for reconsideration of this patent term adjustment calculation. The patentee must also include the information required by 37 CFR 1.705(b)(2) and the fee required by 37 CFR 1.18(e). If patentee does not file a timely request for reconsideration of this patent term adjustment calculation including the information required by 37 CFR 1.705(b)(2) and the fee required by 37 CFR 1.18(e), the USPTO will issue a certificate of correction reflecting the PTA determination noted above.

Patentee should be aware that in order to preserve the right to review in the United States District Court for the District of Columbia of the USPTO patent term adjustment determination, patentee must ensure that he or she also take the steps required under 35 U.S.C. 154(b)(4)(A) in a timely manner. Nothing in the request for recalculation should be construed as providing an alternative time frame for commencing a civil action under 35 U.S.C. 154(b)(4)(A).

Any questions concerning this decision should be directed to the Office of Patent Legal Administration at 571-272-7702.

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

PATENT NO. : 7,663,607 B2  
APPLICATION NO. : 10/840862  
DATED : February 16, 2010  
INVENTOR(S) : Hotelling et al.

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:

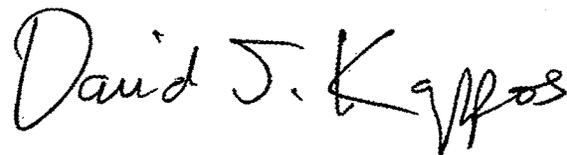
On the Title Page:

The first or sole Notice should read --

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b)  
by 1423 days.

Signed and Sealed this

Twenty-eighth Day of December, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, slightly slanted style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*