# **EXHIBIT 15**

: 10/840,862

Confirmation No. 8470

Applicant

: Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi / Apple Computer

Filed

: May 6, 2004

TC/A.U.

: 2673

Examiner

: Edouard Patrick Nestor

Docket No.

: 119-0093US (P3266US1)

Customer No.: 61947

Title

: MULTIPOINT TOUCHSCREEN

#### INFORMATION DISCLOSURE STATEMENT

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

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b), or that such information constitutes prior art.

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement. However, the Commissioner is authorized to deduct any necessary fees from Deposit Account No. 501922/119-0093US (P3266US1).

Applicants respectfully request that the listed documents be considered and made of record in the present case, and that the Examiner initial the appropriate spaces on the Form 1449 to evidence the same.

Date

Billy C. Allen III Reg. No. 46,147 Attorney for Applicant

Respectfully submitted,

Wong, Cabello, Lutsch, Rutherford & Brucculeri, LLP 20333 State Highway 249 Suite 600 Houston, Texas 77070 832/446-2400 832/446-2424 (facsimile)

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## CERTIFICATE OF MAILING 37 § C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Atexandria VA, 22313-1450, on the date below.

11.10.00

Date

Rebecca R. Ginn



Form PTO-1449 (modified)

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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No. 119-0093US Serial No.

Group:

10/840,862

Applicant(s):

Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi

Title: MULTIPOINT TOUCHSCREEN

Filing Date:

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	A1	2002/0118848	08/29/2002	Karpenstein	381	119	02/27/2001
	A2	2003/0076301	04/24/2003	Tsuk et al.	345	159	09/26/2002
	A3	2003/0076303	04/24/2003	Huppi	345	163	02/07/2002
	A4	2003/0076306	04/24/2003	Zadesky et al.	345	173	07/01/2002
	A5	2003/0095096	05/22/2003	Robbin et al.	345	156	09/26/2002
	A6	2003/0098858	05/29/2003	Perski et al.	345	173	10/15/2002
	A7	2005/0012723	01/20/2005	Pallakoff	345	173	07/14/2004
	A8	2005/0052425	03/10/2005	Zadesky et al.	345	173	08/18/2003
	A9	2005/0110768	05/26/2005	Marriott et al.	345	173	11/25/2003
	A10	2006/0022955	02/02/2006	Kennedy	345	173	08/26/2004
***************************************	A11	2006/0022956	02/02/2006	Lengeling et al.	345	173	12/17/2004
	A12	2006/0026521	02/02/2006	Hotelling et al.	715	702	07/30/2004
	A13	2006/0026535	02/02/2006	Hotelling et al.	715	863	01/18/2005
	A14	2006/026536	02/02/2006	Hotelling et al.	715	863	01/31/2005
	A15	2006/0032680	02/16/2006	Elias et al.	178	18.06	08/15/2005
	A16	2006/0066582	03/30/2006	Lyon et al.	345	173	09/24/2004
	A17	2006/0097991	05/11/2006	Hotelling et al.	345	173	05/06/2004
	A18	3,333,160	07/25/1967	A. Gorski			02/24/1964
	A19	3,541,541	11/17/1970	D.C. Englebart			06/21/1967
	A20	3,662,105	05/09/1972	Hurst et al.	178	18	05/21/1970
	A21	3,798,370	03/19/1974	Hurst	178	18	04/17/1972
	A22	4,246,452	01/20/1981	Chandler	200	5	01/05/1979
**************************************	A23	4,550,221	10/259/1985	Mabusth	178	18	10/07/1983
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**EXAMINER:** 

**DATE CONSIDERED:** 

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Serial No.

Group:

List of Patents and Publications for Applicant's

119-0093US Applicant(s):

10/840,862

INFORMATION DISCLOSURE STATEMENT

Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi Title: MULTIPOINT TOUCHSCREEN

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	A26	4,692,809	09/08/1987	Beining et al.	358	247	11/20/1984
	A27	4,695,827	09/22/1987	Beining et al.	340	365 P	11/20/1984
	A28	4,733,222	03/22/1988	Evans	340	365 C	04/18/1986
	A29	4,734,685	03/29/1988	Watanabe	340	710	07/18/1984
	A30	4,746,770	05/24/1988	McAvinney	178	18	02/17/1987
	A31	4,771,276	09/13/1988	Parks	340	712	04/15/1985
	A32	4,788,384	11/29/1988	Bruere-Dawson et al.	178	18	12/17/1987
	A33	4,806,846	02/21/1989	Kerber	324	60 CD	07/06/1987
	A34	4,898,555	02/06/1990	Sampson	445	22	03/23/1989
	A35	4,968,877	11/06/1990	McAvinney et al.	250	221	09/14/1988
	A36	5,003,519	03/26/1991	Noirjean	368	73	05/25/1989
	A37	5,017,030	05/21/1991	Crews	400	485	07/07/1986
	A38	5,178,477	01/12/1993	Gambaro	400	489	06/06/1991
	A39	5,189,403	02/23/1993	Franz et al.	340	711	02/01/1991
	A40	5,194,862	03/16/1993	Edwards	341	20	06/07/1991
	A41	5,224,861	07/06/1993	Glass et al.	434	35	09/17/1990
· ·	A42	5,241,308	08/31/1993	Young	341	34	07/23/1992
	A43	5,252,951	10/12/1993	Tannenbaum et al.	345	156	10/21/1991
	A44	5,281,966	01/25/1994	Walsh	341	22	01/31/1992
	A45	5,305,017	04/19/1994	Gerpheide	345	174	07/13/1992
	A46	5,345,543	09/06/1994	Capps et al.	395	137	11/16/1992
	A47	5,376,948	12/27/1994	Roberts	345	173	04/22/1994
	A48	5,398,310	03/14/1995	Tchao et al.	395	144	04/13/1992
	A49	5,442,742	08/15/1995	Greyson et al.	395	146	10/14/1993

**EXAMINER:** 

**DATE CONSIDERED:** 

Atty. Docket No. Form PTO-1449 (modified) Serial No. 119-0093US 10/840,862 List of Patents and Publications for Applicant's Applicant(s): Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi Title: MULTIPOINT TOUCHSCREEN Information Disclosure Statement Filing Date: Group: (Use several sheets if necessary) May 6, 2004 2673

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A50	5,463,388	10/31/1995	Boie et al.	341	33	01/29/1993
	A51	5,463,696	10/31/1995	Beemink et al	382	186	07/05/1994
	A52	5,483,261	01/09/1996	Yasutake	345	173	10/26/1993
	A53	5,488,204	01/30/1996	Mead et al.	178	18	10/17/1994
	A54	5,495,077	02/27/1996	Miller et al.	178	18	06/02/1994
	A55	5,513,309	04/30/1996	Meier et al.	395	155	05/08/1995
	A56	5,523,775	06/04/1996	Capps	345	179	06/08/1994
	A57	5,530,455	06/25/1996	Gillick et al.	345	163	08/10/1994
	A58	5,543,590	08/06/1996	Gillespie et al.	178	18	09/02/1994
	A59	5,543,591	08/06/1996	Gillespie et al.	178	18	10/07/1994
	A60	5,563,632	10/08/1996	Roberts	345	173	04/30/1993
	A61	5,563,996	10/08/1996	Tchao	395	144	09/24/1993
	A62	5,565,658	10/15/1996	Gerpheide et al.	178	19	12/07/1994
	A63	5,579,036	11/26/1996	Yates, IV	345	173	04/28/1994
	A64	5,581,681	12/03/1996	Tchao et al.	395	804	06/07/1995
	A65	5,583,946	12/10/1996	Gourdol	382	187	09/30/1993
	A66	5,590,219	12/31/1996	Gourdol	382	202	03/16/1995
	A67	5,592,566	01/07/1997	Pagallo et al.	382	187	06/01/1995
	A68	5,594,810	01/14/1997	Gourdol	382	187	06/05/1995
	A69	5,596,694	01/21/1997	Capps	395	152	04/08/1996
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**EXAMINER: DATE CONSIDERED:** 

Form PTO-1449 (modified)

Atty. Docket No.

119-0093US

10/840,862

Applicant(s):

Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi

Title: MULTIPOINT TOUCHSCREEN

Filing Date:

(Use several sheets if necessary)

May 6, 2004

Group:

May 6, 2004

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	A76	5,644,657	07/01/1997	Capps et al.	382	229	06/01/1995
	A77	5,666,113	09/09/1997	Logan	341	34	09/05/1995
	A78	5,666,502	09/09/1997	Capps	345	352	08/07/1995
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·····	A80	5,675,361	10/07/1997	Santilli	345	168	08/23/1995
	A81	5,677,710	10/14/1997	Thompson- Rohrlich	345	173	05/10/1993
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	A83	5,710,844	01/20/1998	Capps et al.	382	317	05/27/1992
	A84	5,729,250	03/17/1998	Bishop et al.	345	175	05/08/1995
	A85	5,730,165	03/24/1998	Philipp	137	1	12/26/1995
	A86	5,736,976	04/07/1998	Cheung	345	168	02/13/1995
	A87	5,741,990	04/21/1998	Davies	84	423 R	01/25/1997
	A88	5,745,116	04/28/1998	Pisutha-Arnond	345	358	09/19/1996
	A89	5,745,716	04/28/1998	Tchao et al.	395	350	08/07/1995
***************************************	A90	5,748,269	05/05/1998	Harris et al.	349	58	11/21/1996
	A91	5,764,222	06/09/1998	Shieh	345	173	05/28/1996
	A92	5,746,818	05/05/1998	Yatake	106	31.86	08/29/1996
	A93	5,767,457	06/16/1998	Gerpheide et al.	178	18	11/13/1995
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-	A95	5,790,104	08/04/1998	Shieh	345	173	06/25/1996
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	A97	5,802,516	09/01/1998	Shwarts et al.	707	6	05/30/1995
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**EXAMINER:** 

**DATE CONSIDERED:** 

10/840,862

Form PTO-1449 (modified)

Atty. Docket No.

119-0093US

Serial No.

Applicant(s):

Applicant(s):
Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi

Title: MULTIPOINT TOUCHSCREEN

Information Disclosure Statement

Filing Date: Group:

May 6, 2004 2673

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	A100	5,821,690	10/13/1998	Martens et al.	313	506	04/22/1996
	A101	5,821,930	10/13/1998	Hansen	345	340	05/30/1996
-	A102	5,823,782	10/20/1998	Marcus et al.	434	156	07/09/1997
	A103	5,825,351	10/20/1998	Tam	345	173	11/15/1995
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	A105	5,854,625	12/29/1998	Frisch et al.	345	173	11/06/1996
	A106	5,880,411	03/09/1999	Gillespie et al.	178	18.01	03/28/1996
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-	A109	5,923,319	07/13/1999	Bishop et al.	345	175	11/07/997
	A110	5,933,134	08/03/1999	Shieh	345	173	06/25/1996
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	A112	6,002,389	12/14/1999	Kasser	345	173	09/23/1997
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-	A114	6,020,881	02/01/2000	Naughton et al.	345	327	02/18/1997
	A115	6,031,524	02/29/2000	Kunert	345	173	06/18/1997
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***************************************	A119	6,072,494	06/06/2000	Nguyen	345	358	10/15/1997
	A120	6,084,576	07/04/2000	Leu et al.	345	168	03/04/1998
	A121	6,107,997	08/222/2000	Ure	345	173	06/27/1996
	A122	6,128,003	10/03/2000	Smith et al.	345	157	12/22/1997
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**DATE CONSIDERED:** 

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, ,		119-0	093US		10/840,862
List of Patents and Publications for Ap	oplicant's	Applicant(s):			
Information Disclosure S	STATEMENT	Steven P. Hotelling Title: MULTIPOINT T			rian Q. Huppi
		Filing Date:		Group:	
(Use several sheets if necessa	ry)	May	6, 2004	_	2673
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	A124	6,135,958	10/24/2000	Mikula-Curtis et al.	600	443	08/06/1998
	A125	6,144,380	11/07/2000	Schwarts et al.	345	350	02/19/1997
	A126	6,188,391	02/13/2001	Seely et al.	345	173	07/09/1998
	A127	6,198,515	03/06/2001	Cole .	348	836	03/16/1998
	A128	6,208,329	03/27/2001	Ballare	345	173	08/13/1996
	A129	6,222,465	04/24/2001	Kumar et al.	341	20	12/09/1998
	A130	6,239,790	05/29/2001	Martinelli et al.	345	174	08/17/1999
	A131	6,243,071	06/05/2001	Shwarts et al.	345	146	11/03/1993
	A132	6,246,862	06/12/2001	Grivas et al.	455	90	02/03/1999
	A133	6,249,606	06/19/2001	Kiraly et al.	382	195	02/19/1998
	A134	6,288,707	09/11/2001	Philipp	345	168	01/25/1999
	A135	6,289,326	09/11/2001	LaFleur	705	702	06/04/1997
	A136	6,292,178	09/18/2001	Bernstein et al.	345	173	10/19/1998
	A137	6,323,849	11/27/2001	Westerman et al	345	173	01/25/1999
	A138	6,347,290	02/12/2002	Bartlett	702	150	06/24/1998
	A139	6,377,009	04/23/2002	Philipp	318	468	09/07/2000
	A140	6,380,931	04/30/2002	Gillespie et al.	345	173	05/18/2001
	A141	6,411,287	06/25/2002	Scharff et al.	345	177	09/08/1999
	A142	6,414,671	07/02/2002	Gillespie et al.	345	157	03/24/1998
	A143	6,421,234	07/16/2002	Ricks et al.	361	683	01/10/2000
	A144	6,452,514	09/17/2002	Philipp	341	33	01/26/2000
	A145	6,457,355	10/01/2002	Philipp	73	304	08/24/2000
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**DATE CONSIDERED:** 

Form PTO-1449 (modified)		Atty. Docket No.		Serial No.	
		119-0	093US	_	10/840,862
List of Patents and Publications for A  INFORMATION DISCLOSURE		Applicant(s): Steven P. Hotelling: Title: MULTIPOINT T			an Q. Huppi
		Filing Date:		Group:	
(Use several sheets if necess	ary)	May 6, 2004		1	
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	A149	6,535,200	03/18/2003	Philipp	345	168	08/27/2001
	A150	6,543,684	04/08/2003	White et al.	234	379	03/28/2000
	A151	6,543,947	04/08/2003	Lee	400	489	03/14/2001
•	A152	6,570,557	05/27/2003	Westerman et al	345	173	02/10/2001
	A153	6,593,916	07/15/2003	Aroyan	345	173	11/03/2000
	A154	6,610,936	08/26/2003	Gillespie et al.	178	18.01	08/12/1997
	A155	6,624,833	09/23/2003	Kumar et al.	345	863	04/17/2000
***************************************	A156	6,639,577	10/28/2003	Eberhard	345	102	05/28/1998
***************************************	A157	6,650,319	11/18/2003	Hurst et al.	345	173	03/05/1999
***************************************	A158	6,658,994	12/09/2003	McMillan	99	468	03/31/2003
***************************************	A159	6,670,894	12/30/2003	Mehring	341	22	02/01/2002
•	A160	6,677,932	01/13/2004	Westerman	345	173	01/28/2001
	A161	6,677,934	01/13/2004	Blanchard	345	173	07/30/1999
	A162	6,724,366	04/20/2004	Crawford	345	157	04/03/2001
******	A163	6,757,002	06/29/2004	Oross et al.	345	864	11/04/1999
	A164	6,803,906	10/12/2004	Morrison et al.	345	173	07/05/2000
	A165	6,842,672	01/11/2005	Straub et al.	701	3	02/24/2004
	A166	6,856,259	02/15/2005	Sharp	341	5	02/06/2004
	A167	6,888,536	05/03/2005	Westerman et al	345	173	07/31/2001
	A168	6,900,795	05/31/2005	Knight, III et al.	345	173	02/27/2002
	A169	6,927,761	08/09/2005	Badaye et al.	345	173	03/29/2002
	A170	6,942,571	09/13/2005	McAllister et al.	463	20	10/16/2000
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**DATE CONSIDERED:** 

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List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

119-0093US

Applicant(s):
Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi
Title: MULTIPOINT TOUCHSCREEN

Filing Date:
May 6, 2004

Group:
May 6, 2004

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## **U.S. Patent Documents**

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	B2	102 51 296	05/19/2004	DE	G06F	3/023	No
	B3	0 288 692	07/14/1993	EPO	G06K	11/06	Yes
	B4	0 464 908	09/04/1996	EPO	G06K	11/16	Yes
	B5	0 664 504	01/24/21995	EPO	G06F	3/033	Yes
	B6	1 014 295	01/09/2002	EPO	G06K	11/06	Yes
	B7	2003/088176	10/23/2003	WIPO	G08C	21/00	Yes
	В8	2006/023569	03/02/2006	WIPO	G06F	3/044	Yes

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List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT		Applicant(s):	
		Steven P. Hotelling; Joshua A. Strickon; Brian Q. Huppi Title: MULTIPOINT TOUCHSCREEN	
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	C11	"How do touchscreen monitors know where you're touching?" obtained from http://www.electronics.howstuffworks.com/question716.html generated August 5, 2005				
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	C13	"iGesture Products for Everyone (learn in minutes) Product Overview" FingerWorks.com				
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	C16	"Mouse Gestures in Opera" obtained from http://www.opera.com/products/desktop/mouse/index.dml generated August 30, 2005				
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List of Patents and Publications for A	Applicant's	Applicant(s):			
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	C43	Fukumoto, et al., "ActiveClick: Tactile Feedback for Touch Panels," In CHI 2001 Summary, pages 121-122, 2001
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	C45	Hardy, "Fingerworks" March 7, 2002; BBC World On Line
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	C49	Kinkley et al., "Touch-Sensing Input Devices," in CHI '99 Proceedings, pp 223-230, 1999
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	C51	Lee et al., "A Multi-Touch Three Dimensional Touch-Sensitive Tablet," in CHI '85 Proceedings, pages 121-128, 2000
	C52	Lee, "A Fast Multiple-Touch-Sensitive Input Device," Master's Thesis, University of Toronto (1984)
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	C57	Rekimoto "SmartSkin: An Infrastructure for Freehand Manipulation on Interactive Surfaces" CHI 2002, April 20-25, 2002
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	C64	Williams, "Applications for a Switched-Capacitor Instrumentation Building Block" Linear Technology Application Note 3, July 1985, pp. 1-16
	C65	Yamada et al., "A Switched-Capacitor Interface for Capacitive Pressure Sensors" IEEE Transactions on Instrumentation and Measurement, Vol. 41, No. 1, February 1992, pp.81-86
	C66	Yeh et al., "Switched Capacitor Interface Circuit for Capacitive Transducers" 1985 IEEE
	C67	Zhai et al., "Dual Stream Input for Pointing and Scrolling," <i>Proceedings of CHI</i> '97 Extended Abstracts (1997)

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	C68	Zimmerman et al., "Applying Electric Field Sensing to Human-Computer Interfaces," In CHI '85 Proceedings, Pages 280-287, 1995
	C69	Application Serial No. 10/774,053 Filed on February 5, 2004
	C70	US Patent Application No. 11/140,529 filed on 5/27/2005 which is a Reissue of 6,570,557 listed above (see A152).
	C71	US Patent Application No. 11/381,313 filed on 5/2/2006 entitled "Multipoint Touch Surface Controller".
	C72	US Patent Application No. 11/332,861 filed on 1/13/2006 which is a Reissue of 6,677,932 listed above (see A160).
	C73	US Patent Application No. 11/380,109 filed on 4/25/2006 entitled "Keystroke Tactility Arrangement On Smooth Touch Surface."
	C74	US Patent Application No. 11/428,501 filed on 7/3/2006 entitled "Capacitive Sensing Arrangement," which is a Continuation of US 2005/0104867 listed above (see A177).
	C75	US Patent Application No. 11/428,503 filed on 07/03/2006 entitled "Touch Surface" which is a Continuation of US 2005/0104867 listed above (see A177).
	C76	US Patent Application No. 11/428,506 filed on 07/03/2006 entitled "User Interface Gestures" which is a Continuation of US 2005/0104867 listed above (see A177).
	C77	US Patent Application No. 11/428,515 filed on 07/03/2006 entitled "User Interface Gestures" which is a Continuation of US 2005/0104867 listed above (see A177).
	C78	US Patent Application No. 11/428,522 filed on 07/03/2006 entitled "Identifying Contacts on a Touch Surface" which is a Continuation of US 2005/0104867 listed above (see A177).

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	C82	US Patent Application No. 11/382,402 filed on 05/09/2006 entitled "Force and Location Sensitive Display" which is a Continuation of 11/278,080 listed above (see C81).				
	C83	International Search Report received in corresponding PCT application number PCT/US2006/008349 dated October 20, 2006				
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