

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2978749

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INTERNATIONAL BUSINESS MACHINES CORPORATION	08/05/2013
RECEIVING PARTY DATA	
Name:	Ultratech, Inc.
Street Address:	3050 Zanker Road
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 27	
Property Type	Number
Patent Number:	6201194
Patent Number:	6829823
Patent Number:	7329816
Patent Number:	6708871
Patent Number:	6739497
Patent Number:	7408264
Patent Number:	6650016
Patent Number:	7245022
Patent Number:	6220499
Patent Number:	6737297
Patent Number:	6864165
Patent Number:	7332805
Patent Number:	7407883
Patent Number:	7238565
Patent Number:	7615435
Patent Number:	8197612
Patent Number:	7492985
Patent Number:	6764313
Patent Number:	7473577
Patent Number:	8344516
Patent Number:	8047421

PATENT

Property Type	Number
Patent Number:	7618857
Patent Number:	8157158
Patent Number:	7598147
Patent Number:	8043893
Patent Number:	8164192
Patent Number:	8138085

CORRESPONDENCE DATA

Fax Number: (408)978-5873

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	3521.52
NAME OF SUBMITTER:	ALLSTON L. JONES
SIGNATURE:	/Allston L Jones/
DATE SIGNED:	08/12/2014

Total Attachments: 6

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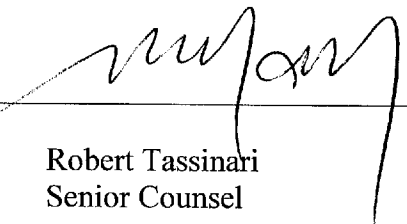
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Form of Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L136994 between the parties with an effective time and date of 11:59pm United States Eastern Time on June 26, 2013 ("Effective Time and Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York, (hereinafter "ASSIGNOR"), hereby grants and assigns to Ultratech, Inc., a Delaware corporation having a place of business at San Jose, CA, (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the United States Letters Patents identified in Exhibit A and the United States patent applications identified in Exhibit C, attached hereto, (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including all damages for infringement of any of the Assigned Patents, including, but not limited to, any damages for past infringement accruing prior to the Effective Time & Date, and the sole right to sue therefore under such Assigned Patents, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

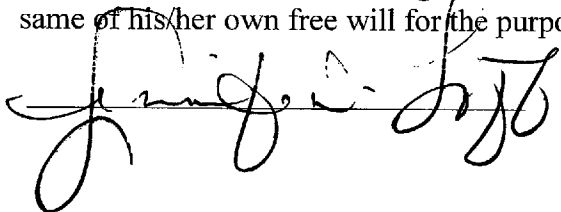
IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment and Reservation to be duly signed on its behalf.

Signature: 
Robert Tassinari
Senior Counsel

Date: 8/5/2013

State of New York)
) S.S.
County of Westchester)

Before me this 5th day of August, 2013, personally appeared Robert Tassinari, to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

 Notary Public

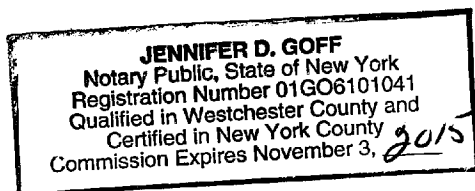


EXHIBIT A

LISTED PATENTS (United States)

Country	IBM Docket Number	Patent Number	Patent Issue Date
US	AUS920090229US1	8304290	11/06/12
US	BUR919910039US2	5719070	02/17/98
US	BUR919990175US1	6806578	09/30/04
US	BUR920040207US1	7361581	04/22/08
US	BUR920040207US2	7964967	03/21/11
US	BUR920060028US1	7679166	03/16/10
US	BUR920060122US1	7750371	07/06/10
US	BUR920060122US2	7900167	03/01/11
US	BUR920060122US3	8455322	06/04/13
US	BUR920060130US1	7745909	06/29/10
US	BUR920060130US2	8080485	12/20/11
US	BUR920060173US1	7485564	02/03/09
US	BUR920060173US2	7825511	11/02/10
US	BUR920080128US1	8159067	04/17/12
US	BUR920080128US2	8409980	04/02/13
US	BUR920080193US1	8198133	06/12/12
US	BUR920080260US1	8293634	10/23/12
US	BUR920100048US1	8021950	09/20/11
US	CA920020049US1	6819566	11/16/04
US	CH920010050US1	6770558	08/03/04
US	END919950146US1	6407461	06/18/02
US	END919970010US1	6201194	03/13/01
US	END919970075US1	6351393	02/26/02
US	END919970075US2	6373717	04/16/02
US	END919970075US3	7024764	04/11/06
US	END919970075US4	6829823	12/14/04
US	END919970075US5	7059049	06/13/06
US	END919970075US6	7329816	02/12/08
US	END920010041US1	6708871	03/23/04
US	END920010122US1	6583517	06/24/03
US	END920020027US1	6739497	05/25/04
US	END920020027US3	7408264	08/05/08
US	END920020074US1	6650016	11/18/03
US	END920020083US1	6826830	12/07/04
US	END920020083US2	7301108	11/27/07
US	END920020083US3	7981245	07/19/11
US	END920020083US4	7777136	08/17/10
US	END920030114US1	7245022	07/17/07
US	FIS919980046US1	6220499	04/24/01
US	FIS920000134US1	6444560	09/03/02
US	FIS920000134US2	6737297	05/18/04
US	FIS920020007US1	6864165	03/08/05
US	FIS920030336US1	7332805	02/19/08
US	FIS920030336US2	7407883	08/05/08
US	FIS920040282US1	7238565	07/03/07
US	FIS920040282US2	7723824	05/25/10

US	FIS920070077US1	7615435	11/10/09
US	FIS920070363US1	7952207	05/31/11
US	FIS920080113US1	8197612	06/12/12
US	FIS920080188US1	7786025	08/31/10
US	FIS920090141US1	8343818	01/01/13
US	JP920060116US1	7674651	03/09/10
US	ROC920050272US2	7492985	02/17/09
US	YOR920010117US1	6764313	07/20/04
US	YOR920030077US1	7163867	01/16/07
US	YOR920060090US1	7473577	01/06/09
US	YOR920060090US2	7898087	03/01/11
US	YOR920060090US3	8344516	01/01/13
US	YOR920060171US1	7841508	11/30/10
US	YOR920060171US2	8047421	11/01/11
US	YOR920060286US1	7618857	11/17/09
US	YOR920060309US1	8157158	04/17/12
US	YOR920060423US2	7955966	06/07/11
US	YOR920070026US1	7771541	08/10/10
US	YOR920070079US1	7598147	10/06/09
US	YOR920070119US1	7703661	04/27/10
US	YOR920070119US2	7784669	08/31/10
US	YOR920070135US1	7786001	08/31/10
US	YOR920070135US3	8242010	08/14/12
US	YOR920070146US1	8043893	10/25/11
US	YOR920070146US2	7868457	01/11/11
US	YOR920070146US3	8164192	04/24/12
US	YOR920070386US1	7947599	05/24/11
US	YOR920070386US2	8138085	03/20/12

END OF EXHIBIT A

EXHIBIT C

ASSIGNED PATENT APPLICATIONS

US Assigned Patent Applications

Country	IBM Docket Number	Application Serial Number	Filing Date
US	BUR920060122US4	13/852013	03/28/13
US	BUR920080128US3	13/736627	01/08/13
US	BUR920080260US2	13/360174	01/27/12
US	END920020083US5	12/776771	05/10/10
US	FIS920070363US2	13/091317	04/21/11
US	FIS920090141US2	13/429948	03/26/12
US	YOR920060309US5	13/447888	04/16/12
US	YOR920060309US6	13/447906	04/16/12
US	YOR920070135US2	12/787485	05/26/10
US	YOR920070135US4	12/787527	05/26/10
US	YOR920070146US4	13/159773	06/14/11

Non - US Assigned Patent Applications

Country	IBM Docket Number	Application Serial Number	Filing Date
CN	BUR920080193CN1	201010229586.0	07/13/10
JP	BUR920080193JP1	2010-157590	07/12/10
KR	BUR920080193KR1	2010-0066973	07/12/10
TW	BUR920060122TW1	97115195	04/25/08
TW	BUR920060173TW1	97104629	02/05/08
TW	FIS920070077TW1	97128657	07/29/08
TW	YOR920070135TW1	97112303	04/03/08

END OF EXHIBIT C

EXHIBIT F

Assigned Patents

Country	IBM Docket Number	Patent Number	Patent Issue Date
CA	CA920020049CA1 (LAPSED)	2409912	04/01/08
CN	END919970075CN2 (LAPSED)	ZL00119921.8	08/03/05
CN	YOR920030077CN1 (LAPSED)	ZL200480021474.9	08/05/09
EP	END920020074EP1 (COMPLETED)	1547142	09/15/10
EP	YOR920070135EP1 (COMPLETED)	2156465	10/12/11
FR	END920020074FR1 (LAPSED)	1547142	09/15/10
FR	YOR920070135FR1 (LAPSED)	2156465	10/12/11
HK	END919970010HK1 (LAPSED)	HK1028866	09/30/05
ID	END919950146ID1 (LAPSED)	ID0005525	09/07/00
JP	BUR919910039JP1 (LAPSED)	2796919	07/03/98
JP	BUR919990175JP1 (LAPSED)	3477452	09/26/03
JP	END919970075JP1 (LAPSED)	3272343	01/25/02
JP	END919970075JP2 (LAPSED)	3587451	08/20/04
KR	BUR919990175KR1 (LAPSED)	411576	12/04/03
KR	END919970010KR1 (LAPSED)	335698	04/24/02
KR	END920020074KR1 (LAPSED)	633495	10/02/06
KR	END920020083KR1 (LAPSED)	634174	10/09/06
KR	FIS920000134KR1 (ABANDONED)	441698	07/15/04
KR	FIS920020007KR1 (LAPSED)	772604	10/26/07
MY	END919950146MY1 (LAPSED)	MY-132903-A	10/31/07
MY	END919970075MY1 (LAPSED)	MY-124761-A	07/31/06
MY	END919970075MY2 (LAPSED)	MY-133518-A	11/30/07
PH	END919950146PH1 (LAPSED)	1-1998-00976	07/21/03
PH	END919950146PH2 (ABANDONED)	1-2003-000138	05/02/07
SG	END919970075SG1 (LAPSED)	92715	09/30/03
SG	END919970075SG2 (LAPSED)	87132	08/20/02
SG	FIS920000134SG1 (LAPSED)	100759	04/30/04
TW	BUR919990175TW1 (LAPSED)	NI-163233	01/27/03
US	BUR919910039US3 (EXPIRED)	5457345	10/10/95
US	END919950146US2 (LAPSED)	6552263	04/22/03
US	END919990081US1 (LAPSED)	6388204	05/14/02
US	END919990081US2 (LAPSED)	6479093	11/12/02
US	END919990082US1 (LAPSED)	6834426	12/28/04
US	END919990082US2 (LAPSED)	7259333	08/21/07
US	END920020027US2 (LAPSED)	7109592	09/19/06
US	FIS920000134US3 (LAPSED)	7049697	05/23/06
US	ROC920050272US1 (LAPSED)	7454096	11/18/08
VN	END919950146VN1 (LAPSED)	3869	10/15/03

Assigned Patent Applications

Country	IBM Docket Number	Application Serial Number	Filing Date
CZ	END919950146CZ1 (ABANDONED)	1999-4698	06/12/98

EP	CH920010050EP1 (ABANDONED)	02405131.0	02/25/02
EP	FIS920020007EP1 (ABANDONED)	04756585.8	06/29/04
EP	FIS920040282EP1 (ABANDONED)	05853416.5	12/08/05
EP	JP920060116EP1 (ABANDONED)	07850933.8	12/19/07
HU	END919950146HU1 (ABANDONED)	P0003638	06/12/98
JP	END920020083JP1 (ABANDONED)	2003-334361	09/25/03
JP	JP920060116JP1 (ABANDONED)	2006-349957	12/26/06
JP	YOR920030077JP1 (ABANDONED)	2006-521575	07/23/04
KR	BUR920060173KR1 (ABANDONED)	2009-7018955	02/12/08
KR	YOR920070135KR1 (ABANDONED)	2009-7012988	03/26/08
MY	END919970075MY3 (ABANDONED)	PI20052799	06/28/00
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PCT	BUR920060173PCT1 (COMPLETED)	US2008/053703	02/12/08
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PCT	JP920060116PCT1 (COMPLETED)	JP2007/074463	12/19/07
PCT	YOR920030077PCT1 (COMPLETED)	EP2004/051588	07/23/04
PCT	YOR920070135PCT1 (COMPLETED)	EP2008/053527	03/26/08
PL	END919950146PL1 (ABANDONED)	337511	06/12/98
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US	BUR919910039US4 (ABANDONED)	08/433276	05/02/95
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US	END919970075US7 (ABANDONED)	11/865794	10/02/07
US	END920030114US2 (ABANDONED)	11/772901	07/03/07
US	FIS920020007US2 (ABANDONED)	10/709946	06/08/04
US	FIS920020007US3 (ABANDONED)	11/463466	08/09/06
US	FIS920020007US4 (ABANDONED)	11/765465	06/20/07
US	YOR920060309US2 (ABANDONED)	12/181305	07/28/08
US	YOR920060309US3 (ABANDONED)	12/254768	10/20/08
US	YOR920060309US4 (ABANDONED)	12/254790	10/20/08
US	YOR920060423US1 (ABANDONED)	11/620900	01/08/07
US	YOR920070026US2 (ABANDONED)	12/780339	05/14/10

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