

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5332904

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
INTERNATIONAL BUSINESS MACHINES CORPORATION		10/08/2018
RECEIVING PARTY DATA		
Name:	WRP IP MANAGEMENT, LLC	
Street Address:	650 PAGE MILL ROAD	
City:	PALO ALTO	
State/Country:	CALIFORNIA	
Postal Code:	94304	
PROPERTY NUMBERS Total: 97		
Property Type	Number	
Patent Number:	7881937	
Patent Number:	8893004	
Patent Number:	7930255	
Patent Number:	7962962	
Patent Number:	7961104	
Patent Number:	7836396	
Patent Number:	7966625	
Patent Number:	8892471	
Patent Number:	7873516	
Patent Number:	7958460	
Patent Number:	8910043	
Patent Number:	7849055	
Patent Number:	7971027	
Patent Number:	7971078	
Patent Number:	7200548	
Patent Number:	8917913	
Patent Number:	8914899	
Patent Number:	9047472	
Patent Number:	9846708	
Patent Number:	9852157	

PATENT

Property Type	Number
Patent Number:	7962448
Patent Number:	7827288
Patent Number:	7860491
Patent Number:	7945959
Patent Number:	9053207
Patent Number:	7953673
Patent Number:	7904561
Patent Number:	8959423
Patent Number:	9058240
Patent Number:	8892657
Patent Number:	8898230
Patent Number:	8918717
Patent Number:	9055089
Patent Number:	7239748
Patent Number:	7917941
Patent Number:	7970661
Patent Number:	8938672
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Patent Number:	7877792
Patent Number:	7937353
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Patent Number:	7890584
Patent Number:	8909611
Patent Number:	7831608
Patent Number:	7895208
Patent Number:	9015012
Patent Number:	7933389
Patent Number:	8898163
Patent Number:	8902252
Patent Number:	8965867
Patent Number:	7203679
Patent Number:	7936356

Property Type	Number
Patent Number:	7886276
Patent Number:	8949202
Patent Number:	8930373
Patent Number:	7835596
Patent Number:	8996508
Patent Number:	7117366
Patent Number:	8868441
Patent Number:	7146264
Patent Number:	7124119
Patent Number:	7849074
Patent Number:	7865845
Patent Number:	7133894
Patent Number:	7856600
Patent Number:	7890864
Patent Number:	7953803
Patent Number:	7895483
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Patent Number:	7043474
Patent Number:	7478091
Patent Number:	7117182
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Patent Number:	7167173
Patent Number:	7890948
Patent Number:	7958195
Patent Number:	8863137
Patent Number:	7894627
Patent Number:	7856653
Patent Number:	7822840
Patent Number:	7908278
Patent Number:	7937338
Patent Number:	7930294

Property Type	Number
Patent Number:	8949104

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NAME OF SUBMITTER:	TRACY TAYLOR
SIGNATURE:	/Tracy Taylor/
DATE SIGNED:	01/18/2019

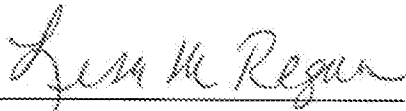
Total Attachments: 5
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Recordable Patent Assignment and Reservation

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. L190090 between the parties with an effective time and date of 11:59pm United States Eastern Time on October 1, 2018 ("Effective Time & Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at New Orchard Road, Armonk, New York, 10504, U.S.A (hereinafter "ASSIGNOR"), hereby grants and assigns to WRP IP Management, LLC, a Delaware limited liability company having a place of business at 650 Page Mill Road, Palo Alto, CA 94304, U.S.A. (hereinafter "ASSIGNEE"), all of ASSIGNOR'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 accruing on and after 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: 

Date: Oct. 8, 2018

Name: Lisa Regan

Title: Director, Research and Intellectual Property Finance

EXHIBIT A

LISTED PATENTS (United States)

Granted US Patents

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
ARC920070033US1	US	7881937	11/756549	5/31/2007	2/1/2011
ARC920100014US1	US	8893004	12/778168	5/12/2010	11/18/2014
AU920080018US1	US	7930255	12/166567	7/2/2008	4/19/2011
AUS920010589US1	US	7962962	09/884311	6/19/2001	6/14/2011
*AUS920060352US1	US	7495561	11/467224	8/25/2006	2/24/2009
AUS920060352US2	US	7961104	12/341884	12/22/2008	6/14/2011
AUS920060396US1	US	7836396	11/620472	1/5/2007	11/16/2010
AUS920060639US1	US	7966625	11/553325	10/26/2006	6/21/2011
AUS920060841US1	US	8892471	11/696239	4/4/2007	11/18/2014
*AUS920060842US1	US	7693871	11/696252	4/4/2007	4/6/2010
AUS920070122US1	US	7873516	11/742157	4/30/2007	1/18/2011
AUS920070266US1	US	7958460	11/928405	10/30/2007	6/7/2011
AUS920070595US1	US	8910043	11/970290	1/7/2008	12/9/2014
AUS920070774US1	US	7849055	11/874324	10/18/2007	12/7/2010
AUS920080484US1	US	7971027	12/135286	6/9/2008	6/28/2011
AUS920080511US1	US	7971078	12/172151	7/11/2008	6/28/2011
AUS920105005US1	US	7200548	09/942833	8/29/2001	4/3/2007
AUS920110237US1	US	8917913	13/240022	9/22/2011	12/23/2014
AUS920120190US1	US	8914899	13/652019	10/15/2012	12/16/2014
AUS920120355US1	US	9047472	13/740720	1/14/2013	6/2/2015
AUS920130235US1	US	9846708	14/137756	12/20/2013	12/19/2017
AUS920130235US2	US	9852157	14/830949	8/20/2015	12/26/2017
BOC920040066US1	US	7962448	11/015182	12/17/2004	6/14/2011
BOC920050059US1	US	7827288	11/296937	12/8/2005	11/2/2010
BOC920060086US1	US	7860491	11/609160	12/11/2006	12/28/2010
BOC920070035US1	US	7945959	11/764349	6/18/2007	5/17/2011
CA920060038US1	US	9053207	11/672736	2/8/2007	6/9/2015
CA920070070US1	US	7953673	11/964740	12/27/2007	5/31/2011
CA920080003US1	US	7904561	12/121077	5/15/2008	3/8/2011
CA920110023US1	US	8959423	13/171188	6/28/2011	2/17/2015
CA920120039US1	US	9058240	13/692486	12/3/2012	6/16/2015
CAM920060073US1	US	8892657	11/557556	11/8/2006	11/18/2014
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CAM920110013US1	US	9055089	13/155091	6/7/2011	6/9/2015

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
CHA920030015US1	US	7239748	10/639671	8/12/2003	7/3/2007
CHA920030022US1	US	7917941	10/667852	9/22/2003	3/29/2011
CHA920090022US1	US	7970661	12/690553	1/20/2010	6/28/2011
CN920070073US1	US	8938672	12/264339	11/4/2008	1/20/2015
DE920110036US1	US	9009138	13/163309	6/17/2011	4/14/2015
*END920030029US1	US	7356697	10/600215	6/20/2003	4/8/2008
END920030029US2	US	7877792	12/038350	2/27/2008	1/25/2011
END920050119US1	US	7937353	11/623160	1/15/2007	5/3/2011
END920060013US1	US	7877506	11/442563	5/26/2006	1/25/2011
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*END920070090US1	US	8306261	12/138683	6/13/2008	11/6/2012
END920070090US2	US	8861788	13/541062	7/3/2012	10/14/2014
END920110224US1	US	9035745	13/363617	2/1/2012	5/19/2015
FIS920020021US1	US	7194531	10/307955	12/2/2002	3/20/2007
FIS920070310US1	US	7895168	11/971462	1/9/2008	2/22/2011
*GB920020048US1	US	7418708	10/448268	5/29/2003	8/26/2008
GB920020048US2	US	7930701	12/104426	4/16/2008	4/19/2011
*GB920030083US1	US	7475111	10/960610	10/7/2004	1/6/2009
GB920030083US2	US	7890584	12/326693	12/2/2008	2/15/2011
GB920050053US1	US	8909611	11/428333	6/30/2006	12/9/2014
IL920070084US1	US	7831608	12/038823	2/28/2008	11/9/2010
IL920070133US1	US	7895208	12/037091	2/26/2008	2/22/2011
IL920120030US1	US	9015012	13/540632	7/3/2012	4/21/2015
IN920060005US1	US	7933389	11/612787	12/19/2006	4/26/2011
IN920110027US1	US	8898163	13/025521	2/11/2011	11/25/2014
IN920110055US1	US	8902252	13/238073	9/21/2011	12/2/2014
IN920120172US1	US	8965867	13/690218	11/30/2012	2/24/2015
JP920030083US1	US	7203679	10/629133	7/29/2003	4/10/2007
JP920030248US1	US	7936356	10/985707	11/10/2004	5/3/2011
JP920040213US1	US	7886276	11/318718	12/27/2005	2/8/2011
JP920060137US1	US	8949202	11/950762	12/5/2007	2/3/2015
JP920110036US1	US	8930373	13/530525	6/22/2012	1/6/2015
LOT920030076US1	US	7835596	10/737064	12/16/2003	11/16/2010
POU920000085US2	US	8996508	10/390956	3/18/2003	3/31/2015
POU920010149US1	US	7117366	10/042639	1/8/2002	10/3/2006
*POU920070106US1	US	8782662	11/965899	12/28/2007	7/15/2014
POU920070122US1	US	8868441	11/965926	12/28/2007	10/21/2014
RAL920010007US1	US	7146264	09/822103	3/30/2001	12/5/2006
*RAL920010007US2	US	7480552	11/548260	10/10/2006	1/20/2009
ROC920020206US1	US	7124119	10/403649	3/31/2003	10/17/2006

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
*ROC920030105US1	US	8239400	10/645123	8/21/2003	8/7/2012
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*ROC920030105US3	US	7844607	12/023845	1/31/2008	11/30/2010
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RSW920020018US1	US	7133894	10/095652	3/12/2002	11/7/2006
*RSW920030005US1	US	7281217	10/448968	5/30/2003	10/9/2007
RSW920030005US2	US	7856600	11/774603	7/8/2007	12/21/2010
RSW920030211US1	US	7890864	10/754375	1/9/2004	2/15/2011
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*RSW920060168US2	US	8397111	12/977779	12/23/2010	3/12/2013
RSW920070166US1	US	7929993	11/847478	8/30/2007	4/19/2011
RSW920070360US1	US	7882449	11/939192	11/13/2007	2/1/2011
RSW920080137US1	US	8914363	12/125485	5/22/2008	12/16/2014
RSW920100031US1	US	8904293	12/797365	6/9/2010	12/2/2014
SJO920060097US1	US	7949938	11/688796	3/20/2007	5/24/2011
SVL920030079US1	US	7188098	10/669749	9/24/2003	3/6/2007
*SVL920040052US1	US	7536379	11/014155	12/15/2004	5/19/2009
SVL920040052US2	US	7953726	12/185103	8/3/2008	5/31/2011
TUC920120056US1	US	8903993	13/486405	6/1/2012	12/2/2014
YOR920010139US1	US	7043474	10/123334	4/15/2002	5/9/2006
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YOR920010365US1	US	7117182	10/041391	1/8/2002	10/3/2006
YOR920020217US1	US	7958074	10/326400	12/23/2002	6/7/2011
YOR920030209US1	US	7167173	10/665231	9/17/2003	1/23/2007
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*YOR920030395US3	US	8307357	12/058146	3/28/2008	11/6/2012
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YOR920070457US1	US	7822840	11/877479	10/23/2007	10/26/2010
YOR920070764US1	US	7908278	12/027315	2/7/2008	3/15/2011
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YOR920080367US1	US	7930294	12/190187	8/12/2008	4/19/2011
YOR920110113US1	US	8949104	13/111168	5/19/2011	2/3/2015

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EXHIBIT C

ASSIGNED US PATENT APPLICATIONS

US Patent Applications

IBM Docket Number	Country	Application Number	Filing Date	Published Application Number
*AUS920060843US1	US	11/696272	4/4/2007	20080249943
*POU920000085US1	US	09/563639	5/2/2000	
*POU920000085US3	US	10/757205	1/14/2004	2004-0148290

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