

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4020461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARUBA NETWORKS, INC.	05/29/2015
RECEIVING PARTY DATA	
Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15032077
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	(970) 898-7444
Email:	hpe.ip.mail@hpe.com
Correspondent Name:	HEWLETT PACKARD ENTERPRISE
Address Line 1:	3404 E. HARMONY ROAD MS 79
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	90196460
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	08/24/2016
Total Attachments: 14	
source=Aruba-HPDC_Assignment#page1.tif	
source=Aruba-HPDC_Assignment#page2.tif	
source=Aruba-HPDC_Assignment#page3.tif	
source=Aruba-HPDC_Assignment#page4.tif	
source=Aruba-HPDC_Assignment#page5.tif	
source=Aruba-HPDC_Assignment#page6.tif	

source=Aruba-HPDC_Assignment#page7.tif
source=Aruba-HPDC_Assignment#page8.tif
source=Aruba-HPDC_Assignment#page9.tif
source=Aruba-HPDC_Assignment#page10.tif
source=Aruba-HPDC_Assignment#page11.tif
source=Aruba-HPDC_Assignment#page12.tif
source=Aruba-HPDC_Assignment#page13.tif
source=Aruba-HPDC_Assignment#page14.tif

**PATENT ASSIGNMENT
ARUBA NETWORKS, INC.
TO
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.**

For good and valuable consideration of the mutual promises and covenants contained herein, the receipt and sufficiency of which are hereby acknowledged, Aruba Networks, Inc., a corporation duly organized and existing under the laws of Delaware and having its registered place of business at 1344 Crossman Avenue, Sunnyvale, CA 94089, U.S.A. ("**ARUBA**"), ("**Assignor**") hereby assigns, transfers, and conveys, to Hewlett-Packard Development Company, L.P., a limited partnership duly organized and existing under the laws of the State of Texas and having its principal place of business at 11445 Compaq Drive West, Houston, Texas 77070, U.S.A. ("**HPDC**"), ("**Assignee**") all right, title, and interest that it has throughout the world in and to:

(i) each patent and patent application identified in the attached *Schedule I*, together with any patent issuing on any such patent application, including any rights of priority in or to any of the foregoing patents and patent applications,

(ii) each patent application that derives priority from any patent or patent application set forth on *Schedule I*, together with any patent issuing on any such patent application,

(iii) any reissue, reexamination, extension, divisional, continuation, continuation-in-part, or domestic or foreign counterpart to any patent or patent application set forth on *Schedule I* or any patent or patent application that derives priority therefrom,

(iv) each patent or patent application that contains a terminal disclaimer with respect to any patent or patent application identified in clause (i), (ii), or (iii) above, and

(v) each patent or patent application named in a terminal disclaimer filed with respect to any patent or patent application identified in clause (i), (ii), or (iii) above,

(for the purpose of this Patent Assignment, the items in clauses (i), (ii), (iii), (iv), and (v) above are collectively referred to as "*Assigned Patents*"),

to have and to hold the same, including all damages for infringement of any of the Assigned Patents accruing at any time on, prior to, and/or after the date hereof, the sole right to sue, counterclaim, and obtain injunctive relief and damages, and to collect any royalties from third parties or other income with respect to the Assigned Patents, for the full term or terms of each of the Assigned Patents, subject to the non-exclusive rights granted by Assignor under the Assigned Patents to third parties prior to the date hereof that run with the Assigned Patents.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to record the transfer of the Assigned Patents to Assignee as assignee of Assignor's right, title and interest therein, and to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Patent Assignment shall inure to the benefit of Assignee and its successors and assigns of the Assigned Patents, and shall be binding upon Assignor, and each of their respective successors, assigns and other legal representatives.

The effective date of this Patent Assignment is the date last signed below.

Signatures on behalf of Aruba Networks, Inc.:

Aruba Networks, Inc.

By:  _____

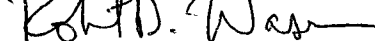
Printed Name: Rishi Varma

Title: Director, Secretary, and President

Date: 5/29/2015

Signature on behalf of Assignee:

Hewlett-Packard Development Company, L.P.

By:  _____

Printed Name: Robert D. Wasson

Title: Chief Patent Counsel

Date: 29 MAY 2015

SCHEDULE I

COUNTRY	APPLICATION NUMBER	DATE FILED	Patent No.	Issue Date
US	11063305	2/22/2005		
US	14469510	8/26/2014		
US	11929628	10/30/2007		
US	12259989	10/28/2008		
US	12365025	2/3/2009		
US	12533924	7/31/2009		
US	13466742	5/8/2012		
US	14069360	10/31/2013		
China	200680008383.0	11/30/2006	ZL200680008383.0	1/2/2013
China	200710007027	2/7/2007	ZL200710007027.3	9/16/2009
China	200710064250.1	3/7/2007	ZL200710064250.1	6/10/2009
China	2008102411	12/26/2008	ZL200810241158.2	3/9/2011
China	200810247027.5	12/30/2008	ZL 200810247027.5	9/11/2013
China	200810241143.6	12/31/2008	101772068	2/26/2014
China	200810241139.X	12/31/2008	ZL200810241139.X	3/9/2011
China	200810241141.7	12/31/2008	ZL200810241141.7	5/21/2014
China	201080013381.7	3/4/2010	ZL201080013381.7	3/26/2014
China	201130184224.x	6/21/2011	ZL201130184224.X	3/14/2012
China	200410057406	8/12/2014	ZL200410057406.x	9/2/2009
China	200610074995.1	4/25/2006	ZL200610074995.1	12/31/2008
China	200810241142.1	12/31/2008	ZL200810241142.1	8/11/2010
China	200780041079.0	7/3/2007	ZL 200780041079.0	7/24/2013
China	200780049943.1	7/3/2007	ZL200780049943.1	5/29/2013
China	20058000836.00	11/13/2005	ZL20058000836.0	5/27/2009
EP	09803572.8	7/30/2009	2332045	4/3/2013
Germany	602009014745.5	7/30/2009	2332045	4/3/2013
Japan	20010313740	10/11/2001	4195209	10/3/2008
Japan	2004233238	8/10/2004	4016019	9/21/2007
Japan	20120501226	3/4/2010	5520364	4/11/2014
Japan	2008-543580	11/30/2006	5087553	9/14/2012
Japan	2007-538964	10/13/2005		10/7/2011

			4839316	
Taiwan	93124219	8/12/2004	1329444	8/21/2010
UK	0983572.8	7/30/2009		4/3/2013
			2332045	
US	08941427	9/30/1997	6148000	11/14/2000
US	09687114	10/12/2000	6834299	12/21/2004
US	10044557	1/11/2002	6820149	11/16/2004
US	10215812	8/8/2002	7187685	3/6/2007
US	10237315	9/9/2002	7414995	8/19/2008
US	10237755	9/9/2002	7627002	12/1/2009
US	10254125	9/24/2002	6957067	10/18/2005
US	10368152	2/18/2003	7295524	11/13/2007
US	10382752	3/5/2003	7184770	2/27/2007
US	10644140	8/19/2003	7302570	11/27/2007
US	10734037	12/11/2003	7912979	3/22/2011
US	10782612	2/19/2004	7688869	3/30/2010
US	10801522	3/12/2004	7218941	5/15/2007
US	10806601	3/23/2004	7969937	6/28/2011
US	10904090	10/22/2004	8001175	8/16/2011
US	11096567	4/1/2005	7376113	5/20/2008
US	11098903	4/4/2005	7525943	4/28/2009
US	11171913	6/29/2005	7969950	6/28/2011
US	11202258	8/10/2005	7415278	8/19/2008
US	11236006	9/27/2005	8248927	8/21/2012
US	11241480	9/30/2005	7756126	7/13/2010
US	11286069	11/23/2005	7711361	5/4/2010
US	11291747	12/1/2005	7668173	2/23/2010
US	11305910	12/19/2005	7948953	5/24/2011
US	11449964	6/9/2006	8199732	6/12/2012
US	11495084	7/28/2006	8675547	3/18/2014
US	11496659	7/31/2006	7966646	6/21/2011
US	11497459	7/31/2006	8601152	12/3/2013
US	11520001	9/12/2006	8539064	9/17/2013
US	11528962	9/27/2006	8625417	1/7/2014
US	11542327	10/2/2006	8817813	8/26/2014
US	11544454	10/6/2006	7885602	2/8/2011
US	11586017	10/24/2006	8731594	5/20/2014
US	11635846	12/7/2006	8660099	2/25/2014
US	11644545	12/21/2006	7855963	12/21/2010
US	11644098	12/22/2006	8161543	4/17/2012
US	11673637	2/12/2007	7966653	6/21/2011

US	11687750	3/19/2007	7821966	10/26/2010
US	11728255	3/22/2007	7885217	2/8/2011
US	11784279	4/5/2007	7996698	8/9/2011
US	11768788	6/26/2007	8060649	11/15/2011
US	29282827	7/30/2007	D604724	11/24/2009
US	11830719	7/30/2007	8666704	3/4/2014
US	11830752	7/30/2007	8155054	4/10/2012
US	11869624	10/9/2007	8576812	11/5/2013
US	11877352	10/23/2007	8006296	8/23/2011
US	11929410.00	10/30/2007	9849965	2/3/2015
US	11929679	10/30/2007	7696836	4/13/2010
US	11932656	10/31/2007	8059650	11/15/2011
US	11986158	11/20/2007	8718561	5/6/2014
US	11955108	12/12/2007	8744451	6/3/2014
US	11955104	12/12/2007	8000739	8/16/2011
US	11955091	12/12/2007	8538387	9/17/2013
US	11959863	12/19/2007	8051464	11/1/2011
US	11966837	12/28/2007	8245281	8/14/2012
US	11970153	1/7/2008	8250127	8/21/2012
US	12033828	2/19/2008	8570954	10/29/2013
US	12038592	2/27/2008	7958271	6/7/2011
US	12102650	4/14/2008	8068870	11/29/2011
US	12109273	4/24/2008	8041960	10/18/2011
US	12166748	7/2/2008	8140704	3/20/2012
US	12168756	7/7/2008	8712452	4/29/2014
US	12169215	7/8/2008	7979074	7/12/2011
US	12181859	7/29/2008	8519884	8/27/2013
US	12220984	7/30/2008	8094624	1/10/2012
US	12184059	7/31/2008	8059563	11/15/2011
US	12239199	9/26/2008	8520647	8/27/2013
US	12261959	10/30/2008	8073449	12/6/2011
US	12332196	12/10/2008	7991914	8/2/2011
US	12337390	12/17/2008	8351546	1/8/2013
US	12342257	12/23/2008	7983163	7/19/2011
US	29331667	1/29/2009	D627345	11/16/2010
US	12363611	1/30/2009	8155058	4/10/2012
US	12403104	3/12/2009	8185632	5/22/2012
US	12410803	3/25/2009	7881324	2/1/2011
US	12429983	4/24/2009	8520580	8/27/2013
US	12432614	4/29/2009	8223072	7/17/2012
US	12433610	4/30/2009	8032652	10/4/2011

US	12751249	3/31/2010	8594100	11/26/2013
US	12757771	4/9/2010	8627423	1/7/2014
US	12758329	4/12/2010	8316169	11/20/2012
US	12763323	4/20/2010	8358661	1/22/2013
US	12763306	4/20/2010	8489763	7/16/2013
US	12765128	4/22/2010	8619796	12/31/2013
US	12767174	4/26/2010	8369296	2/5/2013
US	12767481	4/26/2010	8379642	2/19/2013
US	12767506	4/26/2010	8566257	10/22/2013
US	12847943	7/30/2010	8315896	11/20/2012
US	12847895	7/30/2010	8451760	5/28/2013
US	12916287	10/29/2010	8560833	10/15/2013
US	12947579	11/16/2010	8514057	8/20/2013
US	12971962	12/17/2010	8681501	3/25/2014
US	29381355.00	12/17/2010	D660839	5/29/2012
US	13010436	1/20/2011	8145131	3/27/2012
US	13011708	1/21/2011	8705580	4/22/2014
US	13016458	1/28/2011	8660212	2/25/2014
US	13023395	2/8/2011	8755272	6/17/2014
US	13069218	3/22/2011	8401554	3/19/2013
US	13069221	3/22/2011	8392968	3/5/2013
US	13080548	4/5/2011	8885499	11/11/2014
US	13080552	4/5/2011	8625436	1/7/2014
US	13098184	4/29/2011	8687512	4/1/2014
US	13101028	5/4/2011	8639978	1/28/2014
US	13102010	5/5/2011	8539022	9/17/2013
US	13107743	5/13/2011	8887237	11/11/2014
US	13112715	5/20/2011	8611256	12/17/2013
US	13118051	5/27/2011	8315638	11/20/2012
US	13156215	6/8/2011	8699418	4/15/2014
US	13168789	6/24/2011	8750272	6/10/2014
US	13174294	6/30/2011	8539055	9/17/2013
US	13191324	7/26/2011	8295878	10/23/2012
US	13233976	9/15/2011	8788700	7/22/2014
US	13269202	10/7/2011	8724606	5/13/2014
US	13285963	10/31/2011	8902903	12/2/2014
US	13429110	3/23/2012	8428516	4/23/2013
US	13439705	4/4/2012	8392712	3/5/2013
US	13485766	5/31/2012	8594090	11/26/2013
US	13491507	6/7/2012	8422939	4/16/2013
US	13549244	7/13/2012	8713639	4/29/2014

US	13563553	7/31/2012	8649383	2/11/2014
US	13563549	7/31/2012	8886236	11/11/2014
US	13661920	10/26/2012	8750512	6/10/2014
US	13664326	10/30/2012	8537715	9/17/2013
US	13664330	10/30/2012	8514828	8/20/2013
US	13757308	2/1/2013	8483169	7/9/2013
US	13781490	2/28/2013	8838957	9/16/2014
US	29448488	3/12/2013	D705224	5/20/2014
US	13802031	3/13/2013	8655265	2/18/2014
US	13910976	6/5/2013	8654732	2/18/2014
US		7/26/2007	8958417	2/17/2015
	11/768,803			
China	201110138704.1	7/3/2007		
China	200880006458.0	2/27/2008		
China	20130031425.4	11/11/2008		
China	2009980138232	7/30/2009		
China	201110180224.1	6/30/2011		
China	201110180250.4	6/30/2011		
China	20110327302.6	10/25/2011		
China	201210427912.8	10/31/2012		
EP	5810087.6	10/13/2005		
EP	06849004.4	11/30/2006		
Germany	111013000764.9			
PCT	PCT/US2013/024218	1/31/2013		
PCT	PCT/US2013/028391	2/28/2013		
PCT	PCT/US2013/051907			
US	13168794	6/24/2011		
US	13460795	4/30/2012		
US	13460813	4/30/2012		
US	14162374	1/23/2014		
US	14472712	8/29/2014		
US	14198476	3/5/2014		
US	11582096	10/16/2006		
US	11527171	9/25/2006		
US	13417054	3/9/2012		
US	11586025	10/24/2006		
US	14282846	5/20/2014		
US	13016530	1/28/2011		
US	13417102	3/9/2012		
US	14578788	12/22/2014		
US	13363309	1/31/2012		

US	12112285	4/30/2008		
US	13249971	9/30/2011		
US	13417080	3/9/2012		
US	13968256	8/15/2013		
US	12429981	4/24/2009		
US	13545851	7/10/2012		
US	14293352	6/2/2014		
US	14295143	6/3/2014		
US	14084325	11/19/2013		
US	12547032	8/25/2009		
US	12565490	9/23/2009		
US	13953671	7/29/2013		
US	14051377	10/10/2013		
US	12401553	3/10/2009		
US	12609981	10/30/2009		
US	12609992	10/30/2009		
US	12694087	1/26/2010		
US	14258203	4/22/2014		
US	12695017	1/27/2010		
US	14307088	6/17/2014		
US	14185845	2/20/2014		
US	13016490	1/28/2011		
US	13691360	11/30/2012		
US	13179057	7/8/2011		
US	13080539	4/5/2011		
US	14536891	11/10/2014		
US	14149735	1/7/2014		
US	12847899	7/30/2010		
US	12947652	11/16/2010		
US	11768803	6/26/2007		
US	13112698	5/20/2011		
US	13892160	5/10/2013		
US	12976700	12/22/2010		
US	13908987	6/3/2013		
US	12976722	12/22/2010		
US	14258844	4/22/2014		
US	13072471	3/25/2011		
US	13095705	4/27/2011		
US	14228713	3/28/2014		
US	13279182	10/21/2011		
US	13174236	6/30/2011		

US	14029695	9/17/2013		
US	13194703	7/29/2011		
US	13195720	8/1/2011		
US	14065326	10/28/2013		
US	14275697	5/12/2014		
US	13246587	9/27/2011		
US	13279174	10/21/2011		
US	13282291	10/26/2011		
US	13407451	2/28/2012		
US	13281072	10/25/2011		
US	13356390	1/23/2012		
US	13282333	10/26/2011		
US	13489253	6/5/2012		
US	14265014	4/29/2014		
US	13350584	1/13/2012		
US	13363087	1/31/2012		
US	13368212	2/7/2012		
US	13414548	3/7/2012		
US	13414405	3/7/2012		
US	13435715	3/30/2012		
US	13460821	4/30/2012		
US	13460819	4/30/2012		
US	13439730	4/4/2012		
US	13762097	2/7/2013		
US	13929517	6/27/2013		
US	13560816	7/27/2012		
US	13563610	7/31/2012		
US	13563500	7/31/2012		
US	14086918	11/21/2013		
US	13779486	2/27/2013		
US	13538411	6/29/2012		
US	13829694	3/14/2013		
US	13542604	7/5/2012		
US	13542606	7/5/2012		
US	13563630	7/31/2012		
US	14536931	11/10/2014		
US	13563639	7/31/2012		
US	13665684	10/31/2012		
US	13653278	10/16/2012		
US	14029703	9/17/2013		
US	13742227	1/15/2013		

US	13665633	10/31/2012		
US	13654296	10/17/2012		
US	13719674	12/19/2012		
US	14478053	9/5/2014		
US	14478071	9/5/2014		
US	13652282	10/15/2012		
US	13653225	10/16/2012		
US	13749540	1/24/2013		
US	13968276	8/15/2013		
US	13829720	3/14/2013		
US	13829065	3/14/2013		
US	13829173	3/14/2013		
US	14067864	10/30/2013		
US	14169026	1/30/2014		
US	13918748	6/14/2013		
US	13918760	6/14/2013		
US	13692622	12/3/2012		
US	13928300	6/26/2013		
US	13918770	6/14/2013		
US	13918732	6/14/2013		
US	14018129	9/4/2013		
US	13692608	12/3/2012		
US	13692920	12/3/2012		
US	13971759	8/20/2013		
US	13725544	12/21/2012		
US	14204797	3/11/2014		
US	13857314	4/5/2013		
US	13836156	3/15/2013		
US	13791568	3/8/2013		
US	13783001	3/1/2013		
US	13857321	4/5/2013		
US	13837228	3/15/2013		
US	13841807	3/15/2013		
US	13918673	6/14/2013		
US	13931612	6/28/2013		
US	13928150	6/26/2013		
US	14204777	3/11/2014		
US	13931628	6/28/2013		
US	13931629	6/28/2013		
US	14164059	1/24/2014		
US	14170287	1/31/2014		

US	13941380	7/12/2013		
US	14018145	9/4/2013		
US	13954816	7/30/2013		
US	14069173	10/31/2013		
US	14069166	10/31/2013		
US	13417338	3/12/2012		
US	14060539	10/22/2013		
US	14065343	10/28/2013		
US	14067802	10/30/2013		
US	14063444	10/25/2013		
US	13959603	8/5/2013		
US	14069077	10/31/2013		
US	14069092	10/31/2013		
US	14069105	10/31/2013		
US	14097188	12/4/2013		
US	14097183	12/4/2013		
US	14068706	10/31/2013		
US	14068766	10/31/2013		
US	14067865	10/30/2013		
US	14067867	10/30/2013		
US	14037250	9/25/2013		
US	14068802	10/31/2013		
US	14068833	10/31/2013		
US	14069227	10/31/2013		
US	14170541	1/31/2014		
US	14069050	10/31/2013		
US	14067826	10/30/2013		
US	14068552	10/31/2013		
US	14068988	10/31/2013		
US	14170521	1/31/2014		
US	14141289	12/26/2013		
US	14169939	1/31/2014		
US	14264707	4/29/2014		
US	14263186	4/28/2014		
US	14170297	1/31/2014		
US	14170336	1/31/2014		
US	14169037	1/30/2014		
US	14170524	1/31/2014		
US	14170346	1/31/2014		
US	14170319	1/31/2014		
US	14170532	1/31/2014		

US	14168702	1/30/2014		
US	14183392	2/18/2014		
US	14170529	1/31/2014		
US	14170533	1/31/2014		
US	14170531	1/31/2014		
US	14172880	2/4/2014		
US	14183386	2/18/2014		
US	61976314	4/7/2014		
US	14097198	12/4/2013		
US	14169896	1/31/2014		
US	14266626	4/30/2014		
US	14262641	4/25/2014		
US	14262654	4/25/2014		
US	14258998	4/22/2014		
US	14266594	4/30/2014		
US	14263564	4/28/2014		
US	14262554	4/25/2014		
US	14262599	4/25/2014		
US	14264887	4/29/2014		
US	14262663	4/25/2014		
US	14261332	4/24/2014		
US	14249157	4/9/2014		
US	14256827	4/18/2014		
US	14264525	4/29/2014		
US	14266770	4/30/2014		
US	14266064	4/30/2014		
US	14263622	4/28/2014		
US	14229814	3/28/2014		
US	14261334	4/24/2014		
US	14274399	5/9/2014		
US	14261339	4/24/2014		
US	14504830	10/2/2014		
US	14266492	4/30/2014		
US	14332517	7/16/2014		
US	14446551	7/30/2014		
US	14445585	7/29/2014		
US	14445755	7/29/2014		
US	14445316	7/29/2014		
US	14446480	7/30/2014		
US	14336402	7/21/2014		
US	14334830	7/18/2014		

US	14445306	7/29/2014		
US	62018610	6/29/2014		
US	14332144	7/15/2014		
US	14445312	7/29/2014		
US	14445195	7/29/2014		
US	14340915	7/25/2014		
US	14446548	7/30/2014		
US	14445800	7/29/2014		
US	14445891	7/29/2014		
US	14445961	7/29/2014		
US	14446468	7/30/2014		
US	14445711	7/29/2014		
US	14447023	7/30/2014		
US	14445635	7/29/2014		
US	14446846	7/30/2014		
US	14445868	7/29/2014		
US	14446819	7/30/2014		
US	14340951	7/25/2014		
US	14340970	7/25/2014		
US	14445674	7/29/2014		
US	14445600	7/29/2014		
US	14319001	6/30/2014		
US	14522251	10/23/2014		
US	14528056	10/30/2014		
US	14524528	10/27/2014		
US	14332009	7/15/2014		
US		10/17/2014		
US	14483682	9/11/2014		
US	14524698	10/27/2014		
US	14529930	10/31/2014		
US	14524743	10/27/2014		
US	14530371	10/31/2014		
US	14507292	10/6/2014		
US	62042749	8/27/2014		
US	14528087	10/30/2014		
US	14529950	10/31/2014		
US	14519895	10/21/2014		
US	14527245	10/29/2015		
US	14517249	10/31/2014		
US	14525615	10/28/2014		
US	14528247	10/30/2014		

US	14446494	7/30/2014		
US	14471445	8/28/2014		
US	14471497	8/28/2014		
US	14498450	9/26/2014		
US	14530451	10/31/2014		
US	14590847	1/6/2015		
US	62060983	10/7/2014		