

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEC Corporation	05/14/2012
RECEIVING PARTY DATA	
Name:	Rakuten, Inc.
Street Address:	12-3, Higashishinagawa 4-chome
City:	Shinagawa-ku, Tokyo
State/Country:	JAPAN
Postal Code:	140-0002
PROPERTY NUMBERS Total: 51	
Property Type	Number
Patent Number:	7657251
Patent Number:	7587301
Patent Number:	7577976
Patent Number:	7443884
Patent Number:	7430708
Patent Number:	7385986
Patent Number:	7127417
Patent Number:	7054834
Patent Number:	6965573
Patent Number:	6954503
Patent Number:	6954761
Patent Number:	6950408
Patent Number:	6947427
Patent Number:	6920509
Patent Number:	6915018

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Patent Number:	6915340
Patent Number:	6907406
Patent Number:	6879821
Patent Number:	6880082
Patent Number:	6839897
Patent Number:	6826545
Patent Number:	6788706
Patent Number:	6775296
Patent Number:	6756898
Patent Number:	6754215
Patent Number:	6741596
Patent Number:	6731636
Patent Number:	6334104
Patent Number:	6275889
Patent Number:	6219357
Patent Number:	6219337
Patent Number:	6208987
Patent Number:	6201972
Patent Number:	6151371
Patent Number:	6144708
Patent Number:	6134587
Patent Number:	6092098
Patent Number:	6085240
Patent Number:	5724457
Patent Number:	5657415
Patent Number:	5657349
Patent Number:	5604774
Patent Number:	5402417
Patent Number:	5400167
Patent Number:	5392303
Patent Number:	5473642
Patent Number:	5414282
Patent Number:	5396649
Patent Number:	5371789
Patent Number:	5337308

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CORRESPONDENCE DATA

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71884

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Michael P. Wiersch

Total Attachments: 3

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US patents

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the patents listed on the attached Schedule A; and

Whereas, Rakuten, Inc., a Japanese corporation, having a place of business at 12-3, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo, 140-0002, 108-8001, Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents listed on the attached Schedule A;

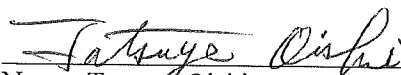
Now therefore, for good and valuable consideration paid to the Assignor, the receipt and sufficiency whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, the entire right, title and interest, including rights to recover for past infringement and the right to sue for and collect damages, in the patents listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: May 14, 2012


Name: Tatsuya Oishi
Title: General Manager
Intellectual Property Development
Promotion Division

Witness:

Date: May 14, 2012



Schedule A

US Patents

<u>Patent No.</u>	<u>Issue Date</u> <u>(Y.M.D)</u>	<u>Serial No.</u>	<u>Filing Date</u> <u>(Y.M.D)</u>
7657251	2010.02.02	11/064045	2005.02.23
7587301	2009.09.08	09/781253	2001.02.13
7577976	2009.08.18	10/670511	2003.09.26
7443884	2008.10.28	10/671834	2003.09.29
7430708	2008.09.30	10/791802	2004.03.04
7385986	2008.06.10	10/294702	2002.11.15
7127417	2006.10.24	09/884940	2001.06.21
7054834	2006.05.30	09/824034	2001.04.03
6965573	2005.11.15	09/694004	2000.10.23
6954503	2005.10.11	09/516139	2000.03.01
6954761	2005.10.11	10/032078	2001.12.31
6950408	2005.09.27	09/671150	2000.09.28
6947427	2005.09.20	09/669565	2000.09.26
6920509	2005.07.19	09/671579	2000.09.27
6915018	2005.07.05	09/742113	2000.12.22
6915082	2005.07.05	10/103863	2002.03.25
6915340	2005.07.05	09/840961	2001.04.25
6907406	2005.06.14	09/874016	2001.06.06
6892164	2005.05.10	10/227423	2002.08.26
6879821	2005.04.12	09/790505	2001.02.23
6880082	2005.04.12	09/855248	2001.05.15
6839897	2005.01.04	09/982950	2001.10.22
6826545	2004.11.30	09/335682	1999.06.18
6788706	2004.09.07	09/577669	2000.05.25
6775296	2004.08.10	09/417735	1999.10.14
6766280	2004.07.20	10/227461	2002.08.26
6756898	2004.06.29	10/245375	2002.09.18
6754215	2004.06.22	09/638878	2000.08.15
6741596	2004.05.25	09/453968	1999.12.03
6731636	2004.05.04	09/676815	2000.10.02
6334104	2001.12.25	09/389494	1999.09.03
6275889	2001.08.14	09/626459	2000.07.26
6219357	2001.04.17	08/764482	1996.12.12
6219337	2001.04.17	08/909890	1997.08.12
6208987	2001.03.27	09/115540	1998.07.15

6201972	2001.03.13	09/274782	1999.03.23
6151371	2000.11.21	08/976777	1997.11.24
6144708	2000.11.07	09/083342	1998.05.22
6134587	2000.10.17	08/993652	1997.12.18
6092098	1998.07.24	09/121826	2000.07.18
6085240	1998.03.03	09/033755	2000.07.04
6067298	1997.10.22	08/956064	2000.05.23
5724457	1995.06.01	08/457834	1998.03.03
5657415	1994.12.28	08/365001	1997.08.12
5657349	1995.08.31	08/521995	1997.08.12
5604774	1995.09.12	08/527353	1997.02.18
5467213	1994.10.13	08/322786	1995.11.14
5402417	1994.02.18	08/198266	1995.03.28
5400167	1994.04.04	08/222581	1995.03.21
5392303	1994.03.30	08/220223	1995.02.21
5473642	1993.09.13	08/120283	1995.12.05
5440583	1993.08.24	08/110989	1995.08.08
5414282	1993.07.20	08/093717	1995.05.09
5396649	1993.07.09	08/087890	1995.03.07
5355094	1993.04.21	08/051072	1994.10.11
5371789	1993.02.01	08/012125	1994.12.06
5337308	1993.01.27	08/009941	1994.08.09
7549578	2005.09.14	11/225042	2009.06.23