

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEC Corporation	03/31/2010
RECEIVING PARTY DATA	
Name:	NEC Electronics Corporation
Street Address:	1753 Shimonumabe, Nakahara-ku,
City:	Kawasaki, Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668
PROPERTY NUMBERS Total: 83	
Property Type	Number
Application Number:	08445222
Application Number:	08194330
Application Number:	08444026
Application Number:	08504011
Application Number:	09335472
Application Number:	08540911
Application Number:	08890826
Application Number:	08548730
Application Number:	08547727
Application Number:	08719958
Application Number:	08813338
Application Number:	09231493
Application Number:	08813361
Application Number:	09330163
Application Number:	08814992

501202501

PATENT
REEL: 024524 FRAME: 0463

CH \$3320.00 08445222

Application Number:	08827048
Application Number:	08826026
Application Number:	08869443
Application Number:	08869444
Application Number:	08869887
Application Number:	08896906
Application Number:	08923965
Application Number:	08933031
Application Number:	09056863
Application Number:	09097664
Application Number:	09598502
Application Number:	09115176
Application Number:	09130655
Application Number:	09129538
Application Number:	09157369
Application Number:	09199789
Application Number:	09286986
Application Number:	09318735
Application Number:	09583871
Application Number:	10009869
Application Number:	10242725
Application Number:	09810546
Application Number:	09838343
Application Number:	09928663
Application Number:	09944186
Application Number:	11232019
Application Number:	09852658
Application Number:	10080848
Application Number:	10147977
Application Number:	10163984
Application Number:	11182150
Application Number:	10476978
Application Number:	10490599
Application Number:	10498377
Application Number:	11386833

Application Number:	10336520
Application Number:	10511423
Application Number:	10521311
Application Number:	10537489
Application Number:	10975884
Application Number:	10519084
Application Number:	11632352
Application Number:	11908099
Application Number:	11990747
Application Number:	11990464
Application Number:	11992961
Application Number:	12095866
Application Number:	12159295
Application Number:	12087049
Application Number:	12160149
Application Number:	12278884
Application Number:	12279379
Application Number:	12224780
Application Number:	12298185
Application Number:	12302121
Application Number:	12227714
Application Number:	12374390
Application Number:	12375944
Application Number:	12375708
Application Number:	12311428
Application Number:	12447113
Application Number:	12518148
Application Number:	12519698
Application Number:	12523578
Application Number:	12527862
Application Number:	12529879
Application Number:	12526238
Application Number:	12212396

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-293-7060

Email: jheuer@sughrue.com

Correspondent Name: Sughrue Mion, PLLC

Address Line 1: 2100 Pennsylvania Avenue, N.W.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:

020910

NAME OF SUBMITTER:

Howard L. Bernstein

Total Attachments: 4

source=Assignment 2#page1.tif

source=Assignment 2#page2.tif

source=Assignment 2#page3.tif

source=Assignment 2#page4.tif

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 and pending applications listed on the attached Schedule A; and

Whereas, NEC Electronics Corporation, a Japanese corporation, having a place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents and pending applications listed on the attached Schedule A;

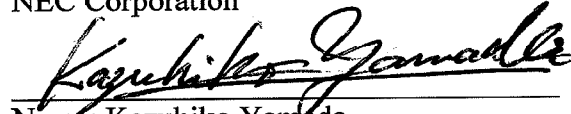
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the patents and pending applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

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

NEC Corporation

Date: March 31, 2010

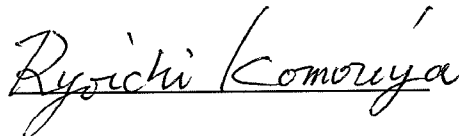


Name: Kazuhiko Yamada

Title: General Manager, Intellectual Asset
Development Promotion Division

Witness:

Date: March 31, 2010



Schedule A

US Patents

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>
08/445222	1995.05.18	5643837	1997.07.01
08/194330	1994.02.08	5457421	1995.10.10
08/444026	1995.05.18	5770489	1998.06.23
08/504011	1995.07.19	5906532	1999.05.25
09/335472	1999.06.18	6263005B1	2001.07.17
08/540911	1995.10.11	5962892	1999.10.05
08/890826	1997.07.10	5970351	1999.10.19
08/548730	1995.10.26	5827435	1998.10.27
08/547727	1995.10.26	5712506	1998.01.27
08/719958	1996.09.24	6071797	2000.06.06
08/813338	1997.03.07	5866920	1999.02.02
09/231493	1999.01.14	6180531	2001.01.30
08/813361	1997.03.07	6051861	2000.04.18
09/330163	1999.06.11	6124176	2000.09.26
08/814992	1997.03.14	5869867	1999.02.09
08/827048	1997.03.25	5930498	1999.07.27
08/826026	1997.03.28	5767539	1998.06.16
08/869443	1997.06.05	5888840	1999.03.30
08/869444	1997.06.05	5976946	1999.11.02
08/869887	1997.06.05	6077355	2000.06.20
08/896906	1997.07.18	6057217	2000.05.02
08/923965	1997.09.05	6014043	2000.01.11
08/933031	1997.09.18	5898190	1999.04.27
09/056863	1998.04.08	6253358B1	2001.06.26
09/097664	1998.06.16	5929504	1999.07.27
09/598502	2000.06.22	6346465B1	2002.02.12
09/115176	1998.07.14	5963787	1999.10.05
09/130655	1998.08.07	6121120	2000.09.19
09/129538	1998.08.05	6198978B1	2001.03.06
09/157369	1998.09.21	6252601B1	2001.06.26
09/199789	1998.11.25	6259718B1	2001.07.10
09/286986	1999.04.07	6197704B1	2001.03.06
09/318735	1999.05.26	6320210B1	2001.11.20
09/583871	2000.05.31	6292352B1	2001.09.18
10/009869	2000.06.21	6670639B1	2003.12.30
10/242725	2002.09.13	7208787B2	2007.04.24
09/810546	2001.03.19	6642546B2	2003.11.04
09/838343	2001.04.20	6784118B2	2004.08.31
09/928663	2001.08.14	6785312B2	2004.08.31
09/944186	2001.09.04	6977952B2	2005.12.20

11/232019	2005.09.22	7282745B2	2007.10.16
09/852658	2001.05.11	6459126B1	2002.10.01
10/080848	2002.02.22	6972453B2	2005.12.06
10/147977	2002.05.20	6846743B2	2005.01.25
10/163984	2002.06.06	6975001B2	2005.12.13
11/182150	2005.07.15	7611934B2	2009.11.03
10/476978	2002.09.05	7211517 B2	2007.05.01
10/490599	2002.10.02	7485923B2	2009.02.03
10/498377	2002.12.09	7193269B2	2007.03.20
11/386833	2006.03.23	7482671B2	2009.01.27
10/336520	2003.01.03	6825505B2	2004.11.30
10/511423	2003.04.14	7151299B2	2006.12.19
10/521311	2003.07.16	7679148	2010.03.16
10/537489	2003.12.02	7479448B2	2009.01.20
10/975884	2004.10.28	7183585B2	2007.02.27

US Patent Applications

<u>Serial No.</u>	<u>Filing Date</u>
10/519084	2003.06.19
11/632352	2005.07.04
11/908099	2006.03.09
11/990747	2006.08.22
11/990464	2006.08.29
11/992961	2006.10.03
12/095866	2006.12.01
12/159295	2006.12.25
12/087049	2006.12.21
12/160149	2007.01.05
12/278884	2006.11.16
12/279379	2006.11.24
12/224780	2007.02.15
12/298185	2007.04.24
12/302121	2007.05.23
12/227714	2007.05.21
12/374390	2007.07.23
12/375944	2007.08.01
12/375708	2007.07.25
12/311428	2007.09.27
12/447113	2007.10.23
12/518148	2007.12.07
12/519698	2007.12.11
12/523578	2008.01.21

12/527862	2008.02.13
12/529879	2008.03.03
12/526238	2008.02.04
12/212396	2008.09.17