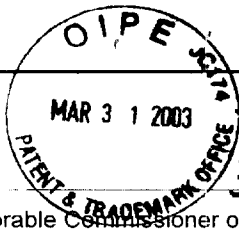


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RECORDATION FOR PATENT

04-03-2003

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102408370

To the Honorable Commissioner of Patents and Trademarks:

is or copy thereof.

1. Name of Conveying Party(ies):
NEC Corporation

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name: **NEC Electronics Corporation**
Address: **1753 Shimonumabe
Nakahara-ku, Kawasaki
Kanagawa 211-8668, Japan**

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: **November 1, 2002**

Additional name(s) and address(es) attached?
 Yes No

4. Application number(s) or patent number(s): _____

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s):
**09/241,609; 09/287,583; 09/794,910;
10/056,015; 09/453,061; 09/626,117**

B. Patent No(s): _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
**Customer No.: 000466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202
Phone: 703-521-2297**


6. Total number of applications and patents involved: 6

7. Total fee (37 CFR 3.41)..... **\$240.00**
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Benoit Castel  **March 31, 2003**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: **10**

04/03/2003 TDIAZ1 00000005 250120 09241609
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Assignment

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

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

NEC Corporation

Date: November 1, 2002



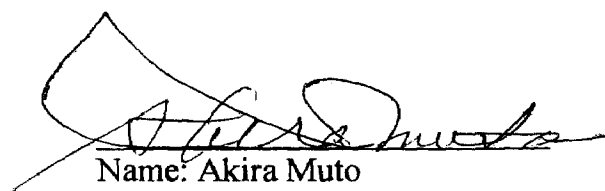
Name: Masao Maruyama

Title: Chief Manager, Planning Division,
Intellectual Asset Operations Unit

Witness:

November 1, 2002

Date:


Name: Akira Muto

Schedule A

Patent Applications

<u>Serial No.</u>	<u>File Date</u> (Year/Month/Day)
09/096497	1998/6/12
09/138573	1998/8/24
09/240988	1999/2/1
10/001798	2001/12/5
09/577964	2000/5/25
09/662798	2000/9/15
09/686808	2000/10/12
10/053650	2002/1/24
10/056035	2002/1/28
10/096839	2002/3/14
09/440939	1999/11/16
09/503177	2000/2/14
09/472037	1999/12/27
09/592865	2000/6/13
09/659779	2000/9/11
09/597900	2000/6/19
09/609257	2000/6/30
09/644696	2000/8/24
09/764295	2001/1/19
09/788569	2001/2/21
09/813894	2001/3/22
09/768594	2001/1/25
09/770459	2001/1/29
09/790491	2001/2/23
09/803923	2001/3/13
09/839119	2001/4/23

09/864445	2001/5/25
10/014379	2001/12/14
10/055976	2002/1/28
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09/475067	1999/12/30
09/605737	2000/6/29
09/621552	2000/7/21
09/722281	2000/11/28
09/879087	2001/6/13
09/691100	2000/10/19
09/626149	2000/7/26
09/641954	2000/8/21
09/855723	2001/5/16
09/137239	1998/8/20
09/921789	2001/8/6
09/640178	2000/8/17
09/876987	2001/6/11
09/906064	2001/7/17
09/904460	2001/7/16
09/303556	1999/5/3
09/820783	2001/3/30
09/649046	2002/6/26
09/956142	2001/9/20
09/782311	2001/2/14
09/963533	2001/9/27
09/983712	2001/10/25
10/105375	2002/3/26
10/061305	2002/2/4
10/046155	2002/1/16
09/985808	2001/11/6
10/156812	2002/5/30
10/166303	2002/6/11

09/527212	2000/3/16
08/827414	1997/3/27
08/740394	1996/10/29
09/199057	2001/7/3
09/085025	1998/5/28
09/208310	2000/6/2
09/314158	1999/8/19
09/974808	2001/10/12
09/686970	2000/10/12
09/176913	1998/10/22
09/285793	1999/4/5
09/241609	1999/2/2
09/924472	2001/8/9
09/703866	2000/11/2
09/921882	2001/8/6
09/771586	2001/1/30
09/290259	1999/4/13
09/287583	1999/4/6
09/794910	2001/2/28
10/056015	2002/1/28
09/361984	1999/7/28
09/453459	1999/12/2
09/842141	2001/4/26
09/815060	2001/3/23
09/953267	2001/9/17
09/444371	1999/11/22
09/767945	2001/1/24
09/433969	1999/11/4
09/431172	1999/11/1
09/466186	2002/1/14
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09/453061	1999/12/2
09/764880	2001/1/23
09/626117	2000/7/26

09/615328	2000/7/12
09/498468	2000/4/2
10/040364	2002/1/9
09/599503	2000/6/23
09/756744	2001/1/10
09/534296	2000/3/23
09/560337	2000/4/28
09/697508	2000/10/27
09/562899	2000/5/2
09/605740	2000/6/29
09/546528	2000/4/10
09/761693	2001/1/18
10/112715	2002/4/2
09/573537	2000/5/19
09/603927	2000/6/27
09/860632	2001/5/21
09/692471	2000/10/20
09/616947	2000/7/14
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09/689881	2000/10/13
10/132213	2002/4/26
09/715092	2000/11/20
09/670540	2000/9/27
09/678608	2000/10/4
09/678101	2000/10/4
09/666091	2000/9/21
09/745725	2000/12/26
09/705880	2000/11/6
09/716464	2000/11/21
09/712220	2000/11/15
09/828943	2001/4/10

09/715000	2000/11/20
10/212234	2002/8/6
09/739891	2000/12/20
09/741375	2000/12/21
09/852735	2001/5/11
09/899274	2001/7/6
09/883370	2001/6/19
09/832842	2001/4/12
09/782293	2001/2/14
10/068893	2002/2/11
09/797589	2001/3/5
09/848263	2001/5/4
09/838186	2001/4/20
09/803904	2001/3/13
09/947343	2001/9/7
09/826006	2001/4/5
09/825331	2001/4/4
09/822237	2001/4/2
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09/871652	2001/6/4
09/956143	2001/9/20
09/991691	2001/11/26
10/061283	2002/2/4
10/026683	2001/12/27
09/987928	2001/11/16
10/125370	2002/4/19
10/004859	2001/12/7
09/992027	2001/11/26
10/006367	2001/12/10
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09/996703	2001/11/30
10/196430	2002/7/17
10/112716	2002/4/2
10/170650	2002/6/14

10/167442	2002/6/13
09/653361	2000/8/31
10/090626	2002/3/6
08/758821	1996/12/4
09/263828	1999/3/8
09/908940	2001/7/20
09/739788	2000/12/20
09/748208	2000/12/27
10/058771	2002/1/30
10/206058	2002/7/29
09/383207	1999/8/26
09/671368	2000/9/28
09/722014	2000/11/27
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09/774041	2001/1/31
09/797990	2001/3/5
10/197814	2002/7/19
09/716940	2000/11/22
09/523665	2000/3/10
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09/939672	2001/8/28
09/759466	2001/1/16
09/977386	2001/10/16
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09/968020	2001/10/2
10/202872	2002/7/26
10/195064	2002/7/15
09/841115	2001/4/25
10/134482	2002/4/30
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09/968003	2001/10/2

09/953948	2001/9/18
10/083611	2002/2/27
09/803094	2001/3/12
09/640180	2000/8/17
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10/197670	2002/7/18
09/303573	1999/5/3
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10/106495	2002/3/27
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