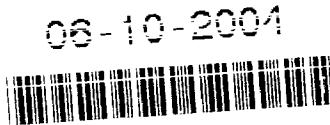


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2. Name and Address of Receiving Party(ies):

Name: **Renesas Technology Corporation**

Address: 4-1, Marunouchi 2-chome

City: Chiyoda-ku, Tokyo
Japan

3. Nature of Conveyance:

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Execution Date: **September 12, 2003**

4. (a) Patent Application Number(s):

See attachment HZ01

If this document is being filed together with a new application,
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5. Name and Address of Party to whom Correspondence
Concerning this Document Should be Mailed:

Name: **Stanley P. Fisher**

Address: **Reed Smith LLP**
3110 Fairview Park Dr.
Suite 1400
Falls Church, VA 22042

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**
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Stanley P. Fisher, Registration No. 24, 344

June 4, 2004
Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

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REEL: 015434 FRAME: 0157

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the exclusive owner, by assignment, of the following applications for Letters Patent of the United States of America:

Listed In Attachment HZ01

WHEREAS, Renesas Technology Corporation, a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in, to and under the said applications for Letters Patents, and the inventions covered thereby, as now owned by Hitachi, Ltd.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Renesas Technology Corporation, the entire right, title and interest in the said inventions, said applications for Letters Patents and any Letters Patents which may be granted thereon, and any reissue or reissues of said Letters Patents which may be granted, the same to be held and enjoyed by said Renesas Technology Corporation for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said Letters Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd., if this assignment and sale had not been made.

Hitachi, Ltd.

September 12, 2003

Date:



By: Yasuo SAKUTA, Patent Attorney

Title: Executive Officer,
Intellectual Property Group
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No.	US SERIAL NUBMER	US FILING DATE
1,	09/646046	2000.09.13
2,	09/800479	2001.03.08
3,	09/824225	2001.04.03
4,	09/864207	2001.03.08
5,	09/870630	2001.06.01
6,	09/875882	2001.06.08
7,	09/881716	2001.06.18
8,	09/883186	2001.06.19
9,	09/908776	2001.07.20
10,	09/910904	2001.07.24
11,	09/914429	2001.11.05
12,	09/924769	2001.08.09
13,	09/929016	2001.08.15
14,	09/953962	2001.08.09
15,	09/954065	2001.08.09
16,	09/958354	2001.10.09
17,	09/977334	2001.10.16
18,	09/987317	2001.11.14
19,	09/987914	2001.11.16
20,	09/988684	2001.11.20
21,	09/993704	2001.11.27
22,	10/006304	2001.12.10
23,	10/017198	2001.12.18
24,	10/020312	2001.12.18
25,	10/020314	2001.12.18
26,	10/020904	2001.12.19
27,	10/030473	2002.04.15
28,	10/046261	2002.01.16
29,	10/051188	2002.01.22
30,	10/069453	2002.04.24
31,	10/070256	2002.03.04
32,	10/070313	2002.03.05
33,	10/070370	2002.06.04
34,	10/080578	2002.02.25
35,	10/081186	2002.02.25
36,	10/083342	2002.02.27
37,	10/101600	2002.03.21
38,	10/142987	2002.05.13
39,	10/143880	2002.05.14
40,	10/144935	2002.05.15

No.	US SERIAL NUBMER	US FILING DATE
41,	10/145761	2002.05.16
42,	10/149189	2002.06.10
43,	10/150943	2002.05.21
44,	10/152615	2002.05.23
45,	10/161737	2002.06.05
46,	10/164905	2002.06.10
47,	10/170647	2002.06.14
48,	10/174962	2002.06.20
49,	10/192589	2002.07.11
50,	10/198925	2002.07.22
51,	10/199068	2002.07.22
52,	10/211565	2002.08.05
53,	10/216792	2002.08.13
54,	10/222830	2002.08.19
55,	10/240651	2002.10.03
56,	10/261483	2002.10.02
57,	10/274144	2002.10.21
58,	10/276776	2002.11.19
59,	10/284207	2002.10.31
60,	10/287678	2002.11.05
61,	10/290291	2002.11.08
62,	10/294698	2002.11.15
63,	10/294700	2002.11.15
64,	10/296495	2002.11.25
65,	10/299837	2002.11.20
66,	10/299838	2002.11.20
67,	10/300839	2001.08.28
68,	10/301643	2002.11.22
69,	10/301702	2002.11.22
70,	10/302893	2001.09.24
71,	10/307354	2001.06.11
72,	10/308001	2002.05.23
73,	10/309138	2002.12.04
74,	10/309238	2002.12.04
75,	10/309886	2002.12.05
76,	10/315144	2002.12.10
77,	10/319551	2001.10.22
78,	10/319651	2002.12.16
79,	10/320615	2002.12.17
80,	10/339339	2003.01.10

No.	US SERIAL NUBMER	US FILING DATE
81,	10/341447	2003.01.14
82,	10/346097	2003.01.17
83,	10/350084	2001.06.06
84,	10/360868	2003.02.10
85,	10/361697	2003.02.11
86,	10/369683	2003.02.21
87,	10/396410	2001.04.10
88,	10/410283	2003.04.10
89,	10/412424	2003.04.14
90,	10/413562	2003.04.15
91,	10/416709	2003.05.14
92,	10/421927	2003.04.24
93,	10/441096	2003.05.20
94,	10/443809	2003.05.23
95,	10/445068	2003.05.27
96,	10/445927	2003.05.28
97,	10/446859	2003.05.29
98,	10/447148	2003.05.29
99,	10/458289	2003.06.11
100,	10/460155	2003.06.13
101,	10/466300	2003.07.15
102,	10/608015	2003.06.30
103,	10/615787	2002.01.07
104,	10/619627	2001.06.06