

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5034839

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FUJITSU LIMITED	01/23/2009
RECEIVING PARTY DATA	
Name:	FUJITSU MICROELECTRONICS LIMITED
Street Address:	7-1, NISHI-SHINJUKU 2-CHOME
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	163-0722
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14848334
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SIGNATURE:	/Anthony T. Jacobson/
DATE SIGNED:	07/03/2018
Total Attachments: 5	
source=30726 US Assignment (Fujitsu Limited to Fujitsu Microelectronics)#page1.tif	
source=30726 US Assignment (Fujitsu Limited to Fujitsu Microelectronics)#page2.tif	
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source=30726 US Assignment (Fujitsu Limited to Fujitsu Microelectronics)#page5.tif	

PATENT ASSIGNMENT

WHEREAS, **FUJITSU LIMITED**, a corporation of Japan with offices at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan (hereinafter "ASSIGNOR"), is the co-owner of the U.S. patent(s) and/or the U.S. patent application(s) identified in Exhibit A hereto (the "U.S. Patents"); and

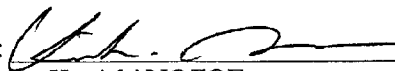
WHEREAS, **Fujitsu Microelectronics Limited**, a corporation of Japan with offices at 7-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0722 Japan (hereinafter "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire share of right, title and interest in and to the U.S. Patents.

NOW, pursuant to the Plan for Company Split, dated as of February 12, 2008, ASSIGNOR does hereby assign, transfer and convey, to ASSIGNEE, its entire share of right, title and interest in and to the U.S. Patents and any other rights, privileges or advantages of ASSIGNOR appertaining thereto, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or legal representatives.

ASSIGNOR hereby covenants with ASSIGNEE that, subject to the foregoing paragraph, ASSIGNOR will, at the expense of ASSIGNEE, execute, sign and deliver all such instruments, applications and documents, and do all such acts and things, as may reasonably be required to effectuate this Patent Assignment.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment to be executed by its duly authorized officer on this 23rd day of January, 2009.

FUJITSU LIMITED

By: 
Name: Kuniaki NOZOE
Title: President

US WHDA

PATENT
REEL: 022248 FRAME: 0526

PATENT
REEL: 046258 FRAME: 0760

Exhibit A

No.	Application No.	Filing Date	Patent No.	Issue Date	FJ Ref.
1	10/073314	2002/02/13			00-41013
2	10/372275	2003/02/25			01-41301
3	10/528690	2003/09/22			02-00166
4	10/816328	2004/03/31			06-00040
5	10/941457	2004/09/14			06-00041
6	10/985949	2004/11/12			01-41468B
7	11/055707	2005/02/11			04-40322
8	11/213882	2005/08/30			04-40679
9	11/412048	2006/04/27			05-41105
10	11/440113	2006/05/25			01-00026B
11	11/486107	2006/07/14			06-40579
12	11/491300	2006/07/24			05-40005
13	11/540146	2006/09/29			06-00042
14	11/541315	2006/09/29			06-00042B
15	11/687738	2007/03/19			07-40110
16	11/699984	2007/01/31			02-00164B
17	11/808667	2007/06/12			04-40322B
18	11/889100	2007/08/09			04-40679B
19	11/943170	2007/11/20			05-41198
20	11/976544	2007/10/25			06-41374
21	11/976546	2007/10/25			06-41344
22	11/976687	2007/10/26			06-41375
23	11/998176	2007/11/28			06-41359
24	11/998177	2007/11/28			06-41351
25	12/155247	2008/05/30			07-40960
26	275352	1988/11/23	4891118	1990/01/02	87P10256
27	190745	1988/05/05	4897560	1990/01/30	87P03388
28	209819	1988/06/22	4899310	1990/02/06	87P04903
29	278503	1988/12/01	4904883	1990/02/27	87P09811
30	335260	1989/04/10	4929854	1990/05/29	88P03494
31	524107	1990/05/16	4983548	1991/01/08	89P04456
32	526948	1990/05/23	5003304	1991/03/26	87P02281
33	407091	1989/09/14	5018110	1991/05/21	88P08394

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No.	Application No.	Filing Date	Patent No.	Issue Date	FJ Ref.
34	407074	1989/09/14	5043604	1991/08/27	88P08387
35	567216	1990/08/14	5043731	1991/08/27	89P07426
36	557052	1990/07/25	5061906	1991/10/29	89P06763
37	282778	1988/12/12	5119496	1992/06/02	87P10168
38	729883	1991/07/11	5159288	1992/10/27	89P09223
39	794705	1991/11/20	5179536	1993/01/12	89P00672
40	665865	1991/03/07	5278788	1994/01/11	90P02842
41	073308	1993/06/08	5309040	1994/05/03	89P10454
42	021573	1993/02/24	5310720	1994/05/10	92P01839B
43	720501	1990/11/07	5335206	1994/08/02	89P10453
44	854642	1991/11/15	5394373	1995/02/28	90P12150
45	167489	1993/12/16	5402388	1995/03/28	93-13493
46	164703	1993/12/10	5416743	1995/05/16	93-13490
47	167044	1993/12/16	5424983	1995/06/13	93-13492
48	210385	1994/03/18	5440511	1995/08/08	92-18699
49	288927	1994/08/11	5488581	1996/01/30	93-06006
50	235647	1994/04/29	5497115	1996/03/05	93-13491
51	307466	1994/09/19	5528171	1996/06/18	93-08799
52	308105	1994/09/16	5594699	1997/01/14	93-14285
53	352201	1994/12/02	5640112	1997/06/17	94-02468
54	622933	1996/03/27	5650741	1997/07/22	93-05248
55	886018	1997/06/30	5770260	1998/06/23	92-19125
56	726168	1996/10/04	5867438	1999/02/02	93-14285B
57	725331	1996/10/01	5881876	1999/03/16	95-07422
58	826065	1997/03/24	5889531	1999/03/30	95-09724
59	939923	1997/09/29	5976618	1999/11/02	92-19125B
60	762853	1996/12/06	6013332	2000/01/11	96-04220
61	189148	1998/11/10	6097658	2000/08/01	93-14285C
62	221600	1998/12/29	6247162	2001/06/12	98-01265
63	155234	1997/03/21	6261357	2001/07/17	98-00539
64	238171	1999/01/28	6297541	2001/10/02	97-03803
65	09/641139	2000/08/16	6313674	2001/11/06	99-02364
66	09/707791	2000/11/08	6333658	2001/12/25	99-02365

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No.	Application No.	Filing Date	Patent No.	Issue Date	FJ Ref.
67	09/706842	2000/11/07	6337834	2002/01/08	99-03093
68	09/531273	2000/03/20	6339261	2002/01/15	99-40218
69	09/456303	1999/12/08	6373275	2002/04/16	98-40302
70	09/871646	2001/06/04	6452860	2002/09/17	00-00748
71	09/437899	1999/11/09	6459161	2002/10/01	98-05625
72	09/688230	2000/10/16	6462395	2002/10/08	99-01164
73	09/548916	2000/04/13	6465892	2002/10/15	99-40054
74	09/997878	2001/11/30	6472293	2002/10/29	99-40054B
75	09/731933	2000/12/08	6476330	2002/11/05	99-40985
76	09/898033	2001/07/05	6487133	2002/11/26	00-00749
77	09/280652	1999/03/29	6522173	2003/02/18	98-01430
78	09/750068	2000/12/29	6529397	2003/03/04	99-40925
79	09/779531	2001/02/09	6541393	2003/04/01	99-40924
80	10/007694	2001/12/10	6549154	2003/04/15	00-01405
81	09/708044	2000/11/08	6593180	2003/07/15	99-02308
82	10/195484	2002/07/16	6599794	2003/07/29	01-40693
83	09/939639	2001/08/28	6602771	2003/08/05	00-40821
84	09/900960	2001/07/10	6625005	2003/09/23	00-40714
85	10/228305	2002/08/27	6630629	2003/10/07	99-40985B
86	10/103141	2002/03/22	6650590	2003/11/18	01-00195
87	09/575635	2000/05/22	6653634	2003/11/25	99-01842
88	09/572007	2000/05/16	6656996	2003/12/02	99-00435
89	09/928489	2001/08/14	6664174	2003/12/16	97-03803B
90	09/761583	2001/01/18	6670830	2003/12/30	99-40923
91	10/173596	2002/06/19	6690054	2004/02/10	01-41143
92	10/331767	2002/12/31	6693801	2004/02/17	98-01430B
93	09/963500	2001/09/27	6731153	2004/05/04	00-41023
94	10/603982	2003/06/26	6734084	2004/05/11	03-40021
95	10/391022	2003/03/19	6790766	2004/09/14	02-00031
96	10/393389	2003/03/21	6828644	2004/12/07	02-40188
97	10/208104	2002/07/31	6837776	2005/01/04	01-41468
98	10/384774	2003/03/11	6846694	2005/01/25	02-40257
99	10/317063	2002/12/12	6849894	2005/02/01	02-40204

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No.	Application No.	Filing Date	Patent No.	Issue Date	FJ Ref.
100	10/350420	2003/01/24	6909132	2005/06/21	99-40283
101	09/988017	2001/11/16	6914502	2005/07/05	00-01349
102	10/705889	2003/11/13	6924193	2005/08/02	01-41143B
103	10/391889	2003/03/19	6924523	2005/08/02	02-40463
104	10/781942	2004/02/20	6961229	2005/11/01	03-40178
105	10/348896	2003/01/23	6975489	2005/12/13	01-41445
106	10/719379	2003/11/20	7056770	2006/06/06	02-41645
107	10/393833	2003/03/21	7064820	2006/06/20	02-40227
108	09/898082	2001/07/05	7078811	2006/07/18	00-40622
109	11/182024	2005/07/15	7094701	2006/08/22	04-40323
110	10/828210	2004/04/21	7100279	2006/09/05	03-00073
111	10/845153	2004/05/14	7112839	2006/09/26	02-40204B
112	10/079464	2002/02/22	7116184	2006/10/03	01-00026
113	10/480285	2003/01/28	7138364	2006/11/21	06-00034
114	10/924847	2004/08/25	7163887	2007/01/16	02-40102
115	10/353040	2003/01/29	7173449	2007/02/06	02-00028
116	10/705881	2003/11/13	7189659	2007/03/13	02-00164
117	10/898874	2004/07/26	7190188	2007/03/13	03-00077
118	11/077212	2005/03/11	7217631	2007/05/15	00-40622B
119	11/360681	2006/02/24	7280385	2007/10/09	05-40088
120	11/212912	2005/08/29	7301243	2007/11/27	04-40680
121	10/775223	2004/02/11	7446567	2008/11/04	03-40056
122	11/500943	2006/08/09	7446625	2008/11/04	06-40030