

Form **PTO-1595** (Rev. 07/05)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

STMicroelectronics PVT. Ltd.

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/12/2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: STMicroelectronics NV

Internal Address: _____

Street Address: 39 Chemin du Champ-de-Filles

1228 Plan-les-Quates

City: Geneva

State: _____

Country: Switzerland Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

AND

A. Patent Application No.(s)

10/667,199 filed 09/18/2003
 11/005,247 filed 12/06/2004
 11/027,292 filed 12/30/2004
 11/025,785 filed 12/29/2004

☐ This document is being filed together with a new application.

B. Patent No.(s)

6,646,465 granted 11/11/2003
 6,624,771 granted 09/23/2003
 6,642,743 granted 11/04/2003
 7,038,489 granted 05/02/2006

Additional numbers attached? ☒ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Sadler, Breen, Morasch & Colby, ps

Internal Address: _____

Street Address: 422 W. Riverside Ave, Suite 424

City: Spokane

State: WA Zip: 99201

Phone Number: 509.755.7262

Fax Number: 509.755.7252

Email Address: SBMCdoCKET@sbmc-law.com

6. Total number of applications and patents involved: 35

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1400.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Michael K. Colby
 Signature

17 Jan 08
 Date

Michael K. Colby, Reg. 45,816

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1450

PATENT

700357223

REEL: 020385 FRAME: 0574

OP \$1400.00 10667199

CONT. PAGE – Recordation Form Coversheet

A. Application No.(s)

11/294,645 filed 12/05/2005
11/318,347 filed 12/23/2005
11/238,123 filed 09/28/2005
11/263,386 filed 10/31/2005
11/264,674 filed 11/01/2005
11/258,616 filed 10/25/2005
11/261,420 filed 10/27/2005
11/319,015 filed 12/27/2005

B. Patent No.(s)

6,746,577 granted 06/08/2004
6,794,906 granted 09/21/2004
6,788,104 granted 09/07/2004
7,206,919 granted 04/14/2007
7,157,936 granted 01/02/2007
6,879,185 granted 04/12/2005
7,154,299 granted 12/26/2006
7,167,404 granted 01/23/2007
6,888,374 granted 05/03/2005
6,864,714 granted 03/08/2005
6,873,182 granted 03/29/2005
7,124,392 granted 10/17/2006
7,030,648 granted 04/18/2006
6,894,541 granted 05/17/2005
7,078,932 granted 07/18/2006
7,191,427 granted 03/13/2007
7,157,935 granted 01/02/2007
7,271,616 granted 09/18/2007
7,196,942 granted 03/27/2007

PATENT ASSIGNMENT

WHEREAS, STMicroelectronics PVT. Ltd. (formerly known as STMicroelectronics Ltd.), a corporation organized under the laws of India, having a place of business at Institutional Area, Plot no. 1, Knowledge park III, Greater Noida-201 308, Uttar Pradesh, INDIA (hereinafter referred to as "Assignor") has rights in and to the following:

LISTED IN EXHIBIT A

(said patents, patent applications and invention disclosures listed in Exhibit A being hereinafter referred to as "SAID PATENT RIGHTS"); and

WHEREAS, Assignor is a wholly owned subsidiary of STMicroelectronics NV, a Dutch corporation organized under the laws of The Netherlands, acting through its Swiss branch, having an office at 39 Chemin du Champ-des-Fillies, 1228 Plan-les-Quates, Geneva, Switzerland (hereinafter referred to as "Assignee");

WHEREAS, Assignee requested Assignor to develop certain FPGA technology ("FPGA Technology") for Assignee;

WHEREAS, Assignee sponsored, paid for and is the equitable and beneficial owner of all resulting intellectual property resulting from such FPGA Technology development, including SAID PATENT RIGHTS and related rights;

WHEREAS, Assignee and Assignor recognize that Assignee already owns all equitable and beneficial ownership in SAID PATENT RIGHTS and related rights;

WHEREAS, Assignor now desires to transfer the legal title in and to SAID PATENT RIGHTS to Assignee and confirm all ownership in Assignee to SAID PATENT RIGHTS and related rights that may have unintentionally remained in Assignor; and

WHEREAS Assignee desires to perfect registration in Assignee's name all the above mentioned rights, title and interest in and to SAID PATENT RIGHTS and related rights.

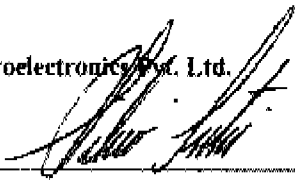


NOW, THEREFORE, for and in consideration of good and valuable consideration the receipt, sufficiency and adequacy of which are hereby acknowledged, Assignor does hereby transfer and assign to Assignee, its successors and assigns legal title, and any and all rights it may own (beyond said legal title, if any) in and to SAID PATENT RIGHTS unto Assignee, its successors and assigns, together with any and all continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing (to the extent not already owned by Assignee), together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current and future infringement thereof, together with all rights in inventions described in any of SAID PATENT RIGHTS; said entire right, title and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors and assigns to the full end of the term for which SAID PATENT RIGHTS, including any and all continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

Rights conferred by this document will inure to the benefit of any successor or assign of Assignee.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer on this 12th day of November, 2007.

STMicroelectronics Pvt. Ltd.

By: 

Printed Name: RENATO SILVIO SIRTORI

Title: BOARD MEMBER

Exhibit A

Country	Grant Number	Grant Date	Filing Date	Filing Number	Publication Date	Publication Number
IN			09/FEB/2001	139DEL2001		
US	6546465	11/NOV/2003	07/FEB/2002	10072461	22/AUG/2002	20020113918
IN			14/MAY/2001	570DEL2001		
US	6624771	23/SEP/2003	14/MAY/2002	10145390	28/NOV/2002	20020175703
EP			07/FEB/2002	02002800.7	21/AUG/2002	1233517
US	6642743	04/NOV/2003	07/FEB/2002	10072458	22/AUG/2002	20020114200
IN			09/FEB/2001	138DEL2001		
IN			15/JUN/2001	668DEL2001		
US	7038489	02/MAY/2006	14/JUN/2002	10172355	19/DEC/2002	20020184449
EP			17/JUN/2002	02013243.7	02/JAN/2003	1271783
IN			28/JUN/2001	728DEL2001		
US	8748577	08/JUN/2004	28/JUN/2002	10186314	02/JAN/2003	20030005402
IN			10/OCT/2001	1040DEL2001		
US	8794908	21/SEP/2004	10/OCT/2002	10269168	15/APR/2004	20040070424
EP	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
US	8788104	07/SEP/2004	28/JUN/2002	10186346	02/JAN/2003	20030061614
GB	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
DE	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
FR	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
IN			28/JUN/2001	728DEL2001		
EP			13/DEC/2002	02027923.8	18/JUN/2003	1320048
IN			14/DEC/2001	1245DEL2001		
US	7206919	17/Apr/2007	13/DEC/2002	10319436	31/Jun/2003	20030145193
EP			02/JAN/2003	03000195.1	23/JUL/2003	1330039
IN			17/JAN/2002	36DEL2002		
US	7157936	02/Jan/2007	17/JAN/2003	10347139	11/SEP/2003	20030172363
IN			05/APR/2002	431DEL2002		
US	6679185	12/APR/2005	04/APR/2003	10407801	27/NOV/2003	20030218460
IN			05/APR/2002	432DEL2002		
US	7154296	28/Dec/2006	04/APR/2003	10407802	20/NOV/2003	20030214321
IN			13/JUN/2002	634DEL2002		
EP	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
FR	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
GB	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
IT	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
DE	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
US	7167404	23/Jan/2007	13/MAY/2003	10438885	22/JAN/2004	20040015758
IN			13/MAY/2002	550DEL2002		

Exhibit A

Country	Grant Number	Grant Date	Filing Date	Filing Number	Publication Date	Publication Number
IN			17/JUN/2002	656DEL2002		
US	6888374	03/MAY/2005	17/JUN/2003	10464420	28/FEB/2004	20040035489
IN			10/JUN/2002	624DEL2002		
US	6884714	08/MAR/2005	10/JUN/2003	10460040	25/DEC/2003	20030234867
IN			27/JUN/2002	683DEL2002		
US	6873182	29/MAR/2005	27/JUN/2003	10608854	15/APR/2004	20040070422
EP			05/SEP/2003	03020154.5	21/APR/2004	1411431
US			18/SEP/2003	10867189	05/AUG/2004	20040153923
IN			20/SEP/2002	858DEL2002		
IN			27/SEP/2002	993DEL2002		
US	7124392	17/OCT/2006	29/SEP/2003	10675908	08/JUL/2004	20040133869
EP			16/DEC/2003	03104727.7	23/JUN/2004	1432128
IN			18/DEC/2002	12810EL2002		
US	7030848	18/APR/2006	18/DEC/2003	10739395	16/SEP/2004	20040178821
IN			18/OCT/2002	1039DEL2002		
US	6894541	17/MAY/2005	10/OCT/2003	10884076	08/JUL/2004	20040130353
IN			25/APR/2003	634DEL2003		
US	7078932	18/JUL/2006	23/APR/2004	10830854	17/FEB/2006	20050035782
EP			23/APR/2004	04008701.8	03/NOV/2004	1473644
US	7191427	13/Mar/2007	23/APR/2004	10830862	17/FEB/2005	20050039157
IN			25/APR/2003	832DEL2003		
US			06/Dec/2004	11005247	04/Aug/2005	20050172070
IN			05/DEC/2003	1518DEL2003		
US	7157935	2-Jan-2007	30/SEP/2004	10954981	18/JUN/2005	20050127943
EP			30/SEP/2004	04104788.8	08/APR/2005	1521187
IN			01/OCT/2003	1230DEL2003		
IN			01/NOV/2004	1645DEL2003		
US			30/DEC/2004	11027292	11/Aug/2005	20050177808
IN			30/DEC/2003	1645DEL2003		
IN			09/DEC/2004	1839DEL2003		
IN			28/DEC/2003	1839DEL2003		
US			28/DEC/2004	11025785	21/JUL/2005	20050156826
IN			08/SEP/2004	1895DEL2004		
US			05/DEC/2005	11294545	18/Nov/2006	20060255833
IN			08/DEC/2004	2438DEL2004		
US			23/DEC/2005	11318347	11/Jan/2007	20070011539
IN			27/DEC/2004	2572DEL2004		
US	7271818	18/Sep/2007	26/JUL/2005	11190509	02/FEB/2006	20050022700
IN			27/JUL/2004	1386DEL2004		
IN			28/SEP/2004	1862DEL2004		
US			28/Sep/2005	11238123	05/Apr/2006	20060075012
IN			28/OCT/2004	2154DEL2004		

Exhibit A

Country	Grant Number	Grant Date	Filing Date	Filing Number	Publication Date	Publication Number
US			31/Oct/2005	11263386	04/May/2006	2006091803
IN			24/OCT/2005	2154DEL2004		
IN			01/NOV/2004	2177DEL2004		
US			01/NOV/2005	11264674	06/Jun/2006	20060119388
US			25/OCT/2005	11258816	29/Jun/2006	20060139055
IN			21/OCT/2005	2111DEL2004		
IN			27/OCT/2004	2111DEL2004		
IN			27/OCT/2004	2114DEL2004		
US			27/OCT/2005	11261420	27/Apr/2006	20060087342
IN			04/OCT/2005	2114DEL2004		
US	7196942	27/Mar/2007	20/Oct/2005	11254558	06/Jun/2006	20060120141
IN			20/OCT/2004	2053DEL2004		
US			27/DEC/2005	11319015	24/AUG/2006	20060180905
IN			18/DEC/2005	2595DEL2004		
IN			28/DEC/2004	2595DEL2004		