OMB No. 0651-0027 (exp. 5/31/2002)	-2002 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
Tab settings			
To the Honorable Commission of Pa. 10224	12532d original documents or copy thereof.		
1. Name of conveying party(ies): Luca Battaglin Pietro Gallina Giancarlo Saba Giancarlo Zinco Claudio Diazzi Vittorio Peduto Additional name of conveying party(ies) attached? Yes No	Name and address of receiving party(ies) Name: STMicroelectronics S.r.l. Internal Address: Via C. Olivetti		
3. Nature of conveyance:	Street Address: 2, 1, 20041		
	Street Address: 2, 1-20041		
☐ Security Agreement ☐ Change of Name	City: Agrate Brianza (MI) State: ITALY Zip:		
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No		
Execution Dates: <u>06/21/02</u> , <u>06/28/02</u> , <u>07/03/02</u>			
If this document is being filed together with a new application A. Patent Application No.(s) 10/150,548 Additional numbers atta	B. Patent No.(s) ached? ☐ Yes ☑ No		
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Mr. Bryan Santarelli	7. Total fee (37 CFR 3.41) \$ 40.00		
Internal Address: Graybeal Jackson Haley LLP	⊠ Enclosed		
	Authorized to charge any deficiencies or credit any overpayments to deposit account		
Street Address: 155 – 108 th Avenue NE Suite 350	8. Deposit account number: 07-1897		
City: Bellevue State: WA Zip: 98004-5973			
7-19-1	(Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform is a true copy of the original document. Kevin D. Jablonski Name of Person Signing	nation is true and correct and any attached copy		

Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

T. 10/04/2002 AMMED1 00000089 10150548 40.00 BP 01 FC:581

PATENT REEL: 013347 FRAME: 0753

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR, Luca Battaglin residing or having a principal place of business Via Turati, 62, I-21043 Castiglione Olona (Varese) Italy, and a citizen or juristic entity of Italy,

ASSIGNOR, Pietro Gallina residing or having a principal place of business at Via Pasteur, 13, I-22070 Carbonate (Como) Italy, and a citizen or juristic entity of Italy,

ASSIGNOR, Giancarlo Saba residing or having a principal place of business at Via M. G. Deledda, 12, I-20041 Agrate Brianza (Milano), Italy, and a citizen or juristic entity of Italy,

ASSIGNOR, Giancarlo Zinco residing or having a principal place of business at Via Conte T. Cella di Rivara, 9, I-27043 Broni (Pavia) Italy, and a citizen or juristic entity of Italy,

ASSIGNOR, Claudio Diazzi residing or having a principal place of business at Via San Siro 3, I-21018 Sesto Calende (Varese), Italy, and a citizen or juristic entity of Italy,

ASSIGNOR, Vittorio Peduto residing or having a principal place of business at Via Don Mosetto, 4, I-10015 Ivrea (Torino), Italy, and a citizen or juristic entity of Italy,

hereby sell, assign, and transfer to:

ASSIGNEE, STMicroelectronics S.r.l., residing or having a principal place of business at Via C. Olivetti, 2, I-20041, Agrate Brianza (MI), Italy and a citizen or juristic entity of Italy, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: A HIGH-EFFICIENCY DRIVER CIRCUIT FOR CAPACITIVE LOADS and which is found in United States patent application serial number 10/150,548, filed on May 17, 2002 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

PATENT REEL: 013347 FRAME: 0754 ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

PATENT REEL: 013347 FRAME: 0755

Signature:_____

ASSIGNORS:

Name: Pietro Gailina
Signature: To Julia
Title (if applicable):
EXECUTED ON, and effective from this 28 day of 3000 , 2002 at
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this day of, 2002 of his own free will for the purpose therein expressed at the following location:
WITNESS
Name:
Signature:

Name: Giancano Saba
Signature:
Title (if applicable):
EXECUTED ON, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this day of, 2002 of his own free will for the purpose therein expressed at the following location:
WITNESS
Name:
Ciamatura.

Name: Giancario Zinco
Signature:
Title (if applicable):
EXECUTED ON, and effective from this <u>28</u> day of <u>JUNE</u> , 2002 at <u>CORNARGOS (NL) FTALY</u>
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this day of, 2002 of his own free will for the purpose therein expressed at the following location:
WITNESS
Name:
Signature:

Name: <u>Claudio Diazzi</u>
Signature: (Coudo Desto
Title (if applicable):
EXECUTED ON, and effective from this 28 day of エンル色 , 2002 at
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this day of, 2002 of his own free will for the purpose therein expressed at the following location:
WITNESS
Name:
Signature:

Name: Vittorio Peduto		
Signature: John RA		
Title (if applicable):	11127	
EXECUTED ON, and effective from this	3 day of JULY	_, 2002
I hereby declare that I was personally present personally known to me to be a person named the same on this day of purpose therein expressed at the following local	d in the assignment, duly sign and ex , 2002 of his own free will for the	recute
WITNESS		
Name:	11.00	
Signature:		