08-23-2005 U.S. DEPARTMENT OF COMMERCE Form PTO-RECORU U.S. Patent and Trademark Office (Rev. 03/01) / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 1111 / 111 OMB No. 0651-0027 (exp. 5/31/2002) tings ⇒ ⇒ ⇒ ▼ 103066195

To the Honorable Commissioner of Patents and Trademarks: Please Record Tab settings ⇒ ⇒ ⇒ original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Nicola CESARIO Name: STMicroelectronics S.r.l. Claudio MUSCIO Marco FARINA Internal Address: Paolo AMATO Additional name of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: Street Address: Merger Via C. Olivetti, 2 Change of Name ☐ Security Agreement City: Agrate Brianza (MI) Zip: I-20041 Country: Italy Other ___ Additional Name(s) & address(es) attached? ☐ Yes ☒ No Execution Date: 06/27/05; 06/15/05; 06/17/05; 06/22/05 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: B. Patent No.(s) A. Patent Application No.(s) 11/142.914 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning this document should be mailed: Name: Graybeal Jackson Haley LLP 7. Total fee (37 CFR 3.41) \$ 40.00 Internal Address: Bryan A. Santarelli Authorized to be charged to deposit account 8. Deposit account number: Street Address: 07-1897 (deficiencies) 155 - 108th Avenue N.E., Suite 350 City: Bellevue State: WA Zip: 98004-5973 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

Bryan A. Santarelli

Name of Person Signing

Signature

August 16, 2005

Date

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In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,

ASSIGNOR Nicola CESARIO residing or having a principal place of
business at Via Plinio, 22, I-80013 Casalnuovo di Napoli (NA), Italy, and a citizen or
juristic entity of <u>Italy</u> ,
ASSIGNOR Claudio MUSCIO residing or having a principal place of
business at Via Roma, 140, I-96011 Augusta (SR), Italy, and a citizen or
juristic entity of <u>Italy</u> ,
ASSIGNOR Marco FARINA residing or having a principal place of
business at Via Azzario, 12, I-27100 Pavia, Italy , and a citizen or
juristic entity of,
ASSIGNOR Paolo AMATO residing or having a principal place of
business at Via Roma, 26/A, I-20051 Limbiate (MI), Italy, and a citizen or
juristic entity of <u>Italy</u> ,
hereby sell, assign, and transfer to:
ASSIGNICE STAtional advantage C. n.l
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 <u>Italy</u> , 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 SOFT-COMPUTING METHOD FOR ESTABLISHING THE HEAT
DISSIPATION LAW IN A DIESEL COMMON RAIL ENGINE and which is found in United States patent application serial number 11/142,914 , filed
on May 31, 2005 (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.
any release of re-examination thereof.

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PATENT REEL: 016896 FRAME: 0390

Name: Nicola CESARIO				
Signature: Lens LL				· · · · · · · · · · · · · · · · · · ·
Title (if applicable):				
at NAPOLI CITALY	s27	day of _	JUNE	, 2005
I hereby declare that I was personally personally known to me to be a person the same on this day of will for the purpose therein expressed a	named in th	e assignme	nt, duly sign and	execute
WITNESS				
Name:			····	
Signature:			- 	
Name: Claudio MUSCIO				
Signature: <u>Chudo Muse</u>	20	<u> </u>		
Title (if applicable):				
EXECUTED ON, and effective from thi at			GWGNO	, 2005
I hereby declare that I was personally personally known to me to be a person the same on this day of will for the purpose therein expressed a	named in th	e assignme	nt, duly sign and	execute
WITNESS				
Name:	· · · · · · · · · · · · · · · · · · ·		-	
Signature:				

ASSIGNORS:

PATENT REEL: 016896 FRAME: 0391

Name:							
Signature:		suc_	Feen				
Title (if app	olicable):						
EXECUTE	D ON, a	nd effective	ve from this _	17	day of	June	, 2005
personally	known t	o me to be	ersonally prese a person na y ofxpressed at the	med in the	assignment	, duly sign a	nd execute
WITNESS							
Name:					······································		
Signature:							
Name:	$(C \mathcal{N})$	OTAMA C					
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personally the same	known ton this	o me to b da	ersonally prese a person na y ofxpressed at the	med in the	e assignment	, duly sign a 2005 of his/	nd execute her own free
WITNESS							
Name:							
Signature:							

3

RECORDED: 08/18/2005