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FORM PTO-1595 U.S. (Rev. 6-93) OMB No. 0651-0011 (exp

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To the Commissioner for Patents : Please record the attached original documents or copy thereof Name of conveying party(ies): Name and address of receiving party(ies) Jean-Michel SIMONNET STMicroelectronics S.A. Name: Additional name(s) of conveying party(ies) attached? [] Yes [X] No Internal Address: Nature of conveyance: [X] Assignment [] Merger 7, Avenue Gallieni Street Address: 94250 Gentilly, FRANCE [] Security Agreement [] Change of Name [] Other Additional name(s) & addresses(es) attached? [] Yes [X] No October 16, 2000 Execution Date: Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is October 16, 2000 A. Patent Application No.(s) B. Patent No.(s) 61120590 Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] Concerning document should be mailed: James H. Morris Name: 7. Total fee (37 CFR 3.41) \$ 40.00 Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza [X] Enclosed 600 Atlantic Avenue [] Authorized to be charged to deposit account Boston, MA 02210 The Commissioner is authorized to charge: 8. Deposit Account No: 23/2825 DO NOT USE THIS SPACE 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. James H. Morris November 2, 2000 Arres Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: [2]

Mail documents to be recorded with required cover sheet information to:

Box Assignment

Honorable Commissioner of Patents, Washington, D.C. 20231

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

hereby acknowledged, the undersigned,		
(1) (2) (3)		(4) (5) (6)
who ass	have made a certain new and sign and transfer unto	useful invention, hereby sell,
STMicroelectronics S.A.		
7, Avenue Galliéni 94250 GENTILLY, FRANCE		
94230 GENTILLI, FRANCE		
its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled		
POWER COMPONENT STATE DETECTOR		
fil Ser (b)	ed on, and rial N°; or	United States Letters Patent was and identified by United States United States Letters Patent was
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;		
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.		
SIGNED on the dates indicated aside our signatures:		
	INVENTORS	DATE SIGNED
1)	SIMONNET Jean-Michel	16/10/00
·	Name:	
2)	Maria	
3)	Name:	
-,	Name:	
4)	Namo	
5)	Name:	
-,	Name:	

PATENT REEL: 011264 FRAME: 0865

RECORDED: 11/02/2000

6)

Name: