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FORM PTC	)-1595 <b>,</b>	103039:		HEET U.S. DEPARTMENT O Patent and T	F COMMERC rademark Offic	
To The Ho	norable Commissioner of P	atents and Trademarks: Please rec	ເດລິ oru ແມ	documents or copy thereof.		
	of conveying party(ies):		2.	Name and address of receiving party(ies)		
Bartlomiej Jan Pawlak				Name: Interuniversitair Micro-Elektronica Centrun	IMEC	
Dann	Jillej Jan Pawlak			vzw), a Belgium Corporation		
				Address: Kapeldreef 75	=:	
Additional name(s) of conveying party(ies) attached?  Ves  No				B-3001 Leuven, Belgium		
3. Natur	e of conveyance:			Name: Koninklijke Philips Electronics		
X A	ssignment	□ Merger				
	ecurity Agreement	Change of Name		Address: Groenewoudseweg 1		
	searcement			5621 BA Eindhoven, the Netherlands		
	ther	_				
Execution Date: June 28, 2005				itional name(s) & address(es) attached? 🗖 Yes 🗵 N	0	
4. Appli	cation number(s) or patent r	number(s):			۰. ۱	
If this	s document is being filed tog	ether with a new application, the	execut	on date of the application is:	2 1 - 7	
	t Application No.(s) 7,973	Filing Date March 11, 2005	B.		2	
		Additional numbers a	ttache	I? □ Yes 🗵 No	77	
	e and address of party to who nent should be mailed:	om correspondence concerning	6.	Total number of applications and patents involved	11:2	
Name	: Paul W. Churilla				13	
Regis	tration No.: 47,495		7.	Total Fee (37 CFR 3.41)	\$40.0	
Comp	Company Name: McDonnell, Boehnen, Hulbert & Berghoff LLP			I Enclosed		
Street	Address: 300 South Wac	ker Drive		□ Authorized to be charged to deposit account		
City:	Chicago	State: Illinois	8.	Deposit account number:		
Coun	try: U.S.A.	ZIP: 60606		13-2490		
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	Paul W. Churilla	Pour found is	1.	Date: July 6, 2005		
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# PATENT REEL: 016755 FRAME: 0364

#### ASSIGNMENT

Case No.: 05-467 Inventors: Bartlomiej Jan Pawlak Filing Date: March 11, 2005 Serial No.: 11/077,973

In consideration of  $0.25 \notin$  and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

#### Interuniversitair Microelektronica Centrum (IMEC), Kapeldreef 75, 3001 Leuven, a corporation in the country of Belgium

#### Koninklijke Philips Electronics, Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, a corporation in the country of the Netherlands

their successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

### METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE OBTAINABLE WITH SUCH A METHOD

and identified as:

#### Case No. 05-467 (Formerly IMEC383.001AUS)

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional,

McDonnell Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Chicago, Illinois 60606 (312) 913-0001 - Page 1 of 2 -

## PATENT REEL: 016755 FRAME: 0365

continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignce, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignce, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignce, its successors and assigns, to the full end of the term for which

said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

DATED: 28.06. 2005.

Bartlomiej Jan Pawlak

Leuven, Belgium

McDonnell Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Chicago, Illinois 60606 (312) 913-0001

- Page 2 of 2 -

RECORDED: 07/08/2005