Attorney's Docket No. S1022	2/8	331	5
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PATENT REEL: 012236 FRAME: 0462

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(Rev. 6-93)	
OMB No. 0651-0011 (exp. 4/	94)

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Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Street Address: 29, Boulevard Romain Rolland 92120 Montrouge, France				
3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Name: STMicroelectronics NV World Trade Center Street Address: Strawinskylaan 1725 1077 XX Amsterdam, The Netherlands Additional name(s) & addresses(es) attached? [] Yes [X] No				
If this document is being filed together with a new application, the e	xecution date of the application is				
A. Patent Application No.(s)	B. Patent No.(s)				
09/856,738					
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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,

(1)	Denis J.G. MESTDAGH	(4)	
(2)	Gérard FARGERE	(5)	
(3)	Mikael R. ISAKSSON	(6)	

who have made a certain new and useful invention, hereby sell, assign and transfer unto

STMicroelectronics S.A.	et	STMicroelectronics NV
29, Boulevard Romain Rolland		World Trade Center
92120 MONTROUGE, FRANCE		Strawinskylaan 1725
		1077 XX AMSTERDAM, THE NETHERLANDS

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

MULTISTANDARD DMT DSL TRANSMISSION SYSTEM

(a) for which an application for United States Letters Patent was filed on $\frac{23 \text{ MAY } 2001}{09/856 \text{ } 738}$; or

(b) for which an application for United States Letters Patent was executed on ______,

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:

	<u>INVENTORS</u>	DATE SIGNED	
1)	Denis J.G. MESTDAGH		19.7.01
2)	Name : Gérard FARGERE	Alt I	24/07/01
3)	Name : Mikael R. ISAKSSON	Tulau Malan	<u>c3.08.20</u> 01
	Name :		
4)			
	Name:		
5)			
	Name:		
6)			
	Name:		

RECORDED: 10/01/2001

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