

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alain Chantre</td> <td>05/18/2005</td> </tr> <tr> <td>Pascal Chevalier</td> <td>05/18/2005</td> </tr> </tbody> </table>		Name	Execution Date	Alain Chantre	05/18/2005	Pascal Chevalier	05/18/2005
Name	Execution Date						
Alain Chantre	05/18/2005						
Pascal Chevalier	05/18/2005						
RECEIVING PARTY DATA							
Name:	STMicroelectronics SA						
Street Address:	29, Boulevard Romain Rolland						
City:	Montrouge						
State/Country:	FRANCE						
Postal Code:	92120						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11091950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11091950		
Property Type	Number						
Application Number:	11091950						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Total Attachments: 1 source=SFXF73#page1.tif							

CH \$40.00 11091950

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) CHANTRE Alain (4) _____
- (2) CHEVALIER Pascal (5) _____
- (3) _____ (6) _____

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

_____ **STMicroelectronics SA** _____
 _____ **29, Boulevard Romain Rolland** _____
 _____ **92120 MONTROUGE, 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

A METHOD OF MANUFACTURING A BIPOLAR TRANSISTOR WITH A SINGLE CRYSTAL EXTRINSIC BASE



(a) for which an application for United States Letters Patent was filed on 28 MARCH 2005, and identified by United States Serial N° AA/034,350; 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>	<u>DATE SIGNED</u>
1) <u>CHANTRE Alain</u> Name: _____	 <u>18/5/05</u>
2) <u>CHEVALIER Pascal</u> Name: _____	 <u>18.05.05</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____

PATENT