

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Maria E. Castagna	07/31/2009
Anna Muscara'	07/31/2009
RECEIVING PARTY DATA	
Name:	STMicroelectronics s.r.l.
Street Address:	Via C. Olivetti, 2
City:	Agrate Brianza
State/Country:	ITALY
Postal Code:	20041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12578313
CORRESPONDENCE DATA	
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Address Line 4:	Denver, COLORADO 80202
ATTORNEY DOCKET NUMBER:	05-CT-356/DP
NAME OF SUBMITTER:	Carol W. Burton
Total Attachments: 2 source=856960111ASSIGN#page1.tif source=856960111ASSIGN#page2.tif	

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ASSIGNMENT

WHEREAS, I, Maria Eloisa CASTAGNA, having a business address of Via C. Olivetti, 2, Agrate Brianza (Milano), 20041 ITALY; and I, Anna MUSCARA', having a business address of Via C. Olivetti, 2, Agrate Brianza (Milano), 20041 ITALY, have made a certain new and useful invention relating to RESONANT CAVITY OPTICAL RADIATION EMISSION DEVICE AND PROCESS FOR MANUFACTURING SAME for which an application for Letters Patent of the United States is to be filed, said application being identified by Docket No. 05-CT-356/DP and Client/Matter No. 85696.0111 in the law firm of Hogan & Hartson, LLP, 1200 Seventeenth Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith; and

WHEREAS, STMicroelectronics s.r.l., whose address is Via C. Olivetti, 2, 20041 Agrate Brianza, (Milano) ITALY ("ASSIGNEE") is desirous of acquiring our entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor.

NOW THEREFORE, for certain good and valuable consideration to us in hand paid, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over, to said ASSIGNEE, and said ASSIGNEE's legal representatives, successors, and assigns, our entire right, title, and interest in and to said invention, said application, all continuing applications, reissued and reexamined patents, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with said ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the expense of said ASSIGNEE, execute such additional assignments and other writings and do such additional acts as said ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing divisional, renewal, reissued or extended Letters Patent

of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or choices in action occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood and the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties.

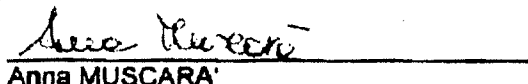
IN WITNESS WHEREOF, we hereby state we have read the foregoing Assignment and have hereunto set our hands on the date(s) hereinafter set forth.

Date: 31-07-2009



Maria Eloisa CASTAGNA

Date: 31-07-2009



Anna MUSCARA