07-19-2000 RECOF **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office NO 7.11.00 101408086 To the Honorable Commissioner of Patents and original document or copy thereof. 1. Names of conveying parties: 2. Name and address of receiving party: 1) PIERANTONIO POZZONI Name: STMICROELECTRONICS , S.r.I. 2) CLAUDIO BRAMBILLA 3) SERGIO CEREDA Internal Address: 4) PAOLO CAPRARA 5) RUSTOM IRANI Additional names of conveying parties attached? Nature of conveyance: Street Address: VIA C. OLIVETTI, 2 X Assignment \_\_\_ Merger Security Agreement \_\_\_ Change of Name Postal Code & City: <u>I-20041 AGRATE BRIANZA</u> Other \_\_\_\_ Country <u>ITALY</u> **Execution Dates:** 1) MARCH 27, 2000 4) MARCH 31, 2000 Additional names & addresses attached? \_Yes XNo 2) MARCH 28, 2000 5) MAY 4, 2000 3) MARCH 31, 2000 4. Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is \_\_\_\_ A. Patent Application No(s). B. Patent No(s). 09/512,900 Additional numbers attached? \_\_\_ Yes <u>X</u> No 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved.....1 Name: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC Internal Address: ROBERT IANNUCCI 7. Total Fee (37 CFR 3.41): ......<u>\$40</u> \_X\_ Enclosed Authorized to be charged to deposit account Street Address: 701 FIFTH AVENUE, SUITE 6300 City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98104-7092</u> 8. Deposit account number: 07/14/d000 CVORACHA 00000023 09512900 19-1090 40.00 QP DO NOT USE THIS SPACE 04 FC:581 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. ROBERT IANNUCCI Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:

OMB No. 0651-0011 (exp 4/94) L:\85x063 - STM\856063\600s\635\recordation.doc - Docket No. 856063.635

**PATENT** 

REEL: 010917 FRAME: 0340

## ASSIGNMENT

WHEREAS, we, Pierantonio POZZONI, Claudio BRAMBILLA, Sergio CEREDA, Paolo CAPRARA and Rustom IRANI (hereinafter referred to as ASSIGNORS), having post office addresses of Via Botticelli, 18, I-20043 Arcore (Milano), Italy; Via Libertà, 9, I-20049 Concorezzo (Milano), Italy; Via 4 Novembre, 7, I-23871 Lomagna (Lecco), Italy; Via Grivola, 18, I-20162 Milano, Italy and 673 Los Olivos Drive, Santa Clara, California 95050-5524, U.S.A., respectively, are the joint inventors of an invention entitled "PROCESS FOR MANUFACTURING SEMICONDUCTOR INTEGRATED MEMORY DEVICES WITH CELLS MATRIX HAVING VIRTUAL GROUND", as described and claimed in the specification forming part of an application for United States letters patent filed with the United States Patent and Trademark Office on February 25, 2000 and having an application number 09/512,900 that claims priority based on an application filed in Europe identified by Application No. 99830100.6, filed February 26, 1999.

WHEREAS, STMicroelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of the country of Italy having a place of business at Via C. Olivetti, 2, I-20041 Agrate Brianza (Milano), Italy, and WAFER SCALE INTEGRATION, (hereinafter referred to as ASSIGNEE), a corporation of the country of U.S.A. having a place of business at 47280 Kato Road, Fremont, CA, U.S.A., are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all countries of the world;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all countries of the world, and in any and all divisions, reissues and continuations thereof, including the right to file applications worldwide directly in the name of ASSIGNEE and to claim priority rights deriving from the first filed application to which said worldwide applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS

PATENT REEL: 010917 FRAME: 0341 had ASSIGNORS been the original owners and this assignment, transfer and sale not been ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and letters patent in all countries of the world on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

> Pierantonio POZZONI Date: 27 - 03 - 2000

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness // Witness

Claudio/BRAMBILLA Date: / 28-3-00

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness \_\_\_\_\_

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

> PATENT REEL: 010917 FRAME: 0342

	Witness
	Date:
	Paolo CAPRARA Date: 31/3/2000
•	satisfactory evidence that the above person signed
this instrument of his/her own free will,	as a voluntary act for the uses and purposes
mentioned in the instrument.	
	Witness
	Witness
I certify that I know or have	Date:
·	Date:  Rustom IRANI  Date:  5/4/2000