Atty Docket No.:

FORM PTO-1595

23085



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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): (1) COMMISSARIAT A L'ENERGIE Simon DELEONIBUS and Bernard GUILLAUMOT Name: **ATOMIQUE** (2) STMICROELECTRONICS S.A. 10/9/03 (1) 31-33 rue de la Fédération Address: 75752 PARIS 15<sup>èmè</sup>, FRANCE Additional name(s) of conveying party(ies) attached? □Yes ■No (2) 7 avenue Gallieni 94250 GENTILLY, FRANCE 3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name Additional name(s) and address(es) attached? □Yes ■No Execution Date: November 8, 2002 4. Application number(s) or patent 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) 10/296,201 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number ■ Enclosed ☐ Authorized to be charged to deposit account 22850 8. Deposit account number: 15-0030 Tel. (703) 413-3000 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) (OSMMN 08/03) DO NOT USE THIS SPACE 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. Marvin J. Spivak Name of Person Signing Joseph A. Scafetta, Jr. Registration 24,913 Number: Registration No. 26,803 Total number of pages including this cover sheet: 00000231 10296201 10/14/2003 DBYRNE 01 FC:8021 40.00 OP Do not detach this portion Mail documents to be recorded with required cover sheet information to:

> Director of the United States Patents and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia 22313

> > PATENT REEL: 014578 FRAME: 0304

## Assignment Of Application

Page 1 of 2

WHEREAS, I (WE)

DELEONIBUS Simon: 40, Allée des Giteaux, 38640 CLAIX, FRANCE

GUILLAUMOT Bernard: 14 rue du Rocher, 38200 LE FONTANIL, FRANCE

respectively, have invented certain new and useful improvements in : ELECTRONIC MEMORY USING DAMASCENE ARCHITECTURE AND A METHOD FOR MANUFACTURING SUCH A MEMORY

for which an application for Letters Patent was executed on November 8, 2002 (Application No. , filed ), and

WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE and STMicroelectronics S.A.

(hereinafter referred to as "assignee") having a place of business at :

31-33 rue de la Fédération 75752 PARIS 15<sup>ème</sup> FRANCE

7 avenue Gallieni 94250 GENTILLY FRANCE

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries:

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledge, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted thereof in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorise and request the Patent Office Officials in the United States and its territorial possessions and any all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

PATENT REEL: 014578 FRAME: 0305 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issue to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Viriginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States patent and trademark office for recordation of this document.

Date: November 8, 2002	DELEONIBUS Sumon (Signature of Inventor)
Date: November 8, 2002	GUILLAUMOT Bernard (Signature of Inventor)
Date: November 8, 2002	(Signature of Inventor)
Date :	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

PATENT RECORDED: 10/09/2003 REEL: 014578 FRAME: 0306