Client Code: ASMEX.347A

RECORE

10-08-2002



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as or copy thereof.

TO THE ASSISTANT COMMISSIONER FOR PATEN'I

Name of conveying party(ies): (If multiple assignors, list

numerically)

Eric J. Shero 1.

Christophe Pomarede

Nature of conveyance:

Security Agreement

Change of Name

(X) Assignment

Merger

Other:

()

()

Additional name(s) of conveying party(ies) attached?

()

No

Name: ASM AMERICA, INC.

Internal Address:

Street Address: 3440 East University Drive City: Phoenix State: AZ ZIP: 85034-7200

Name and address of receiving party(ies):

Additional name(s) of receiving party(ies) attached?

Application number(s)

(X) Application filed herewith

Execution Date(s): September 25, 2002

Patent Application No.: () Filing Date:

Patent No .: () Issue Date:

Additional numbers attached? ()

\$40

No

Name and address of party to whom correspondence concerning document should be mailed:

Execution Date: (If multiple assignors, list execution

dates in numerical order corresponding to numbers indicated in 1 above) (1) September 25, 2002 and (2) September 25, 2002

Adeel S. Akhtar Name:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Fourteenth Floor Street Address: 2040 Main Street City: Irvine State: CA ZIP: 92614 Attorney's Docket No.: ASMEX.347A

Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)):

(X) Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

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.

Adeel S. Akhtar

Name of Person Signing

41,394

6.

Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

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U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

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## **ASSIGNMENT**

WHEREAS, We, Eric J. Shero, a U.S. citizen, residing at 5702 E. Piedmont, #2293, Phoenix, AZ 85044, and Christophe Pomarede, a citizen of France, residing at 3328 E. Glenhaven Drive, Phoenix, AZ, have invented certain new and useful improvements in a INCORPORATION OF NITROGEN INTO HIGH K DIELECTRIC FILM for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, ASM America, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3440 E. University Drive, Phoenix, AZ 85034-7200, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of country of Maricopa } ss. on 9/25/2002, before me, Dewbie Kelley, personally appeared Eric J. Shero personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(x) whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Siller Kelley

[SEAL]

DEBBIE KELLEY Notary Public - Arizona MARICOPA COUNTY My Commission Expires MAY 2, 2003

PATENT

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Soptember, 2002

Christophe Pomarede

county of Maricopa } ss.

On C1352002, before me, Debble Kelley, personally appeared Christophe Pomarede personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(x) whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(iss), and that by his signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

[SEAL]

DEBBIE KELLEY
Notary Public - Arizona
MARICOPA COUNTY
My Commission Expires
MAY 2, 2003

RECORDED: 09/26/2002

Notary Signature Kelling

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