numerically)

Eric R. Wood

No



TO THE ASSISTANT COMMISSIONER FOR PA 102613082

aments or copy thereof.

2. Name and address of receiving party(ies):

Name: ASM AMERICA, INC.

Internal Address:

()

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

Additional name(s) of receiving party(ies) attached? No

Yes (X)

11-21-03

(X)

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

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

Yes

Nature of conveyance:

()

- (x) Assignment
- Merger
- Security Agreement ()
- Change of Name ()
- Other: ()

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) November 17, 2003

- Application number(s) or Patent number(s):
 - Application(s) filed herewith Execution Date(s): November 17, 2003
 - () Patent Application No.: Filing Date:

10719416

Patent No.: Issue Date:

Additional numbers attached? ()

Yes

No

(X)

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

Gordon H. Olson 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.429A

- Total fee (37 CFR 1.21(h)):
- \$40.00
- (X) Enclosed
 - Authorized to be charged to deposit account 0
- 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.

- Total number of applications and patents involved: 1
- 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.

Gordon H. Olson Name of Person Signing

20,319

Registration No.

Total number of pages including cover sheet, attachments and document: 2

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

11/28/2003 GWORDOF1 00000047 10719416

03 FC:8021

Mail Stop Assignment Recordation Services Director, U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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REEL: 014742 FRAME: 0041

PATENT

PATENT

Application No.: Unknown Client Code: ASMEX.429A Filing Date: Herewith

Page 1

ASSIGNMENT

WHEREAS, I, Eric R. Wood, a U.S. citizen, residing at 26617 S. 196th St., Queen Creek, AZ 85242, have invented certain new and useful improvements in a REACTOR CHAMBER for which I 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 East 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 consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 17th day of November, 2003

STATE OF Arizona SS. COUNTY OF Maricopa

On November 17, 2003 before me, Judy Murphy _, personally appeared Eric R. Wood personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



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Application No.: Unknown Filing Date: Herewith

PATENT Client Code: ASMEX.429A

Page 1

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AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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.

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WITNESS my hand and official seal.

[SEAL]

JUDY MURPHY Notary Public - Arizona MARICOPA COUNTY My Comm. Exp. 9-29-2006

RECORDED: 11/21/2003

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PATENT

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