

04-16-2002

HEET



1c971 U.S. PTO
10/118073
04/05/02

TO THE ASSISTANT COMMISSIONER:

102056627

nal documents or copy thereof.

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

Tony J. Keeton, Michael R. Stamp and Mark R. Hawkins

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

() Yes (X) No

04/05/02

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

Name: ASM America, Inc.

Internal Address: 3440 E. University Drive, Phoenix, AZ 85034-7200

Street Address: Same as above

City: State: ZIP:

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

() Yes (X) No

3. Nature of conveyance:

- 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) April 4, 2002, April 4, 2002, April 2, 2002

4. Application number(s) or Patent number(s):

Application(s) filed herewith
Execution Date(s): April 4, 2002, April 4, 2002, April 2, 2002

Patent Application No.:
Filing Date:

Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Sanjivpal S. Gill
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: ASMEX.377A

7. Total fee (37 CFR 1.21(h)): \$40

Enclosed
 Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

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.

6. Total number of applications and patents involved: 1

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.

Sanjivpal S. Gill
Name of Person Signing

Sanjivpal S. Gill
Signature

4/5/02
Date

42,578
Registration No.

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

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

04/15/2002 LABELLER 00000110 10118073

01 FC:501

40.00 BP

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

ASSIGNMENT

WHEREAS, We, Tony J. Keeton, a United States citizen, residing at 4859 E. Harmony, Mesa, AZ 85206, Michael R. Stamp, a United States citizen, residing at 720 W. Hackberry, Chandler, AZ 85248, and Mark R. Hawkins, a United States citizen, residing at 347 W. Oxford Lane, Gilbert, AZ 85233, have invented certain new and useful improvements in a METHOD OF LOADING A WAFER ONTO A WAFER HOLDER TO REDUCE THERMAL SHOCK 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 4th day of APRIL, 2002.

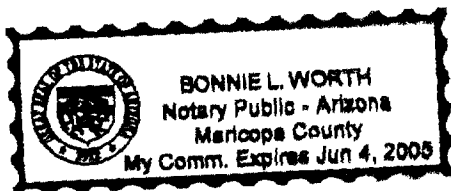
Tony J. Keeton
Tony J. Keeton

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On April 4, 2002, before me, Bonnie L. Worth, Notary Public, personally appeared Tony J. Keeton personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) 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.

[SEAL]



Bonnie L. Worth
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of APRIL, 2002

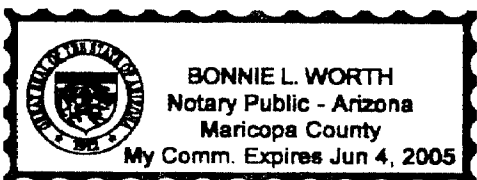
Michael R. Stamp
Michael R. Stamp

STATE OF Arizona }
COUNTY OF Maricopa } ss.

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WITNESS my hand and official seal.

[SEAL]



Bonnie L. Worth
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of April, 2002

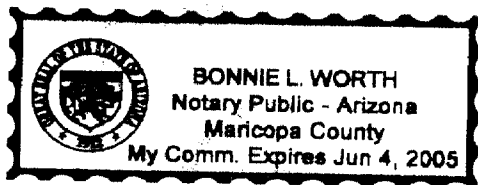
Mark R. Hawkins
Mark R. Hawkins

STATE OF Arizona }
COUNTY OF Maricopa } ss.

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[SEAL]



Bonnie L. Worth
Notary Signature

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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.

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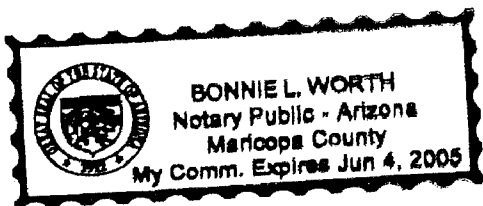
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Tony J. Keeton

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COUNTY OF Maricopa } ss.

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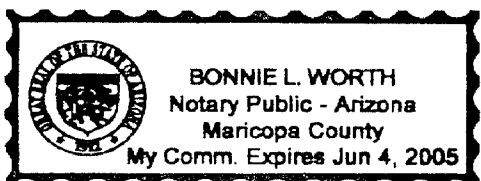
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Michael R. Stamp

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COUNTY OF Maricopa } ss.

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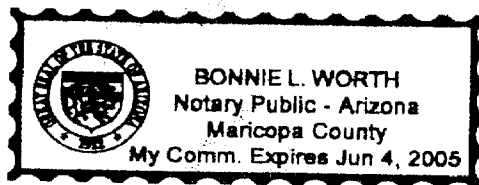
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WITNESS my hand and official seal.

[SEAL]



Bonnie L. Worth
Notary Signature