

07-09-2001

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TO THE ASSISTANT COMMISSIONER FC

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1 documents or copy thereof.

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

ASM Microchemistry Oy

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

( ) Yes (X) No

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

Name: ASM America, Inc.

Internal Address:

Street Address: 3440 East University Drive

City: Phoenix State: Arizona ZIP: 85034-7200

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

( ) Yes (X) No

3. 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) May 29, 2001

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

( ) Application(s) filed herewith Execution Date(s):

( ) Patent Application No.:  
Filing Date:

(X) Patent No.: 6,015,590  
Issue Date: January 18, 2000

Additional numbers attached? ( ) Yes (X) No

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

Name: Adeel S. Akhtar  
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.: ASMMC.013AUS

7. Total fee (37 CFR 3.41): \$40.00

(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.

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.

Adeel S. Akhtar  
Name of Person Signing

Adeel S. Akhtar  
Signature

July 5, 2001  
Date

Registration No. 41,394

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

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

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

ASSIGNMENT

WHEREAS, ASM Microchemistry Oy, a Finland Corporation, having a place of business at Kutojante 2B, Fin-02631 Espoo, Finland hereinafter "Assignor"; (hereinafter "Assignor") owns the entire right, title and interest in the United States Patent 6,015,590 issued on January 18, 2000, (hereinafter "the Patent"); and

WHEREAS ASM America, Inc., a Delaware Corporation, having a principal place of business at 3440 East University Drive, Phoenix, AZ 85034-7200 United States of America, (hereinafter "Assignee"), is desirous of purchasing the entire right, title, and interest in and to the Patent(s); and

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby sell, assign, transfer and convey unto Assignee, its successors, legal representatives and assigns, the entire right title and interest possessed by me in, to and under the Patent(s) and all reissues, continuations, continuations-in-part, and extensions thereof.

AND ASSIGNOR HEREBY sells, assigns, transfers and conveys to Assignee, its successors, legal representatives, all prior claims for damages and other remedies in respect of any infringement of the Patent(s) which may have accrued or may accrue including the right to sue for and collect and retain damages for past infringement of said Patent(s).

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting the Patent(s) 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 possibly to aid Assignee, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said Patent(s) in all countries.

ASM Microchemistry Oy

By

Printed Name

Title

Date

Hans Wunderl

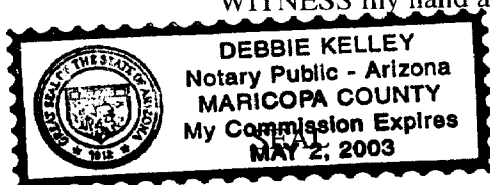
General Manager

May 29, 2001

State of Arizona )  
 ) ss.  
County of Maricopa )

On this 29<sup>th</sup> day of May, in the year 2001, before me, Debbie Kelley, the undersigned Notary Public, duly commissioned and sworn, personally appeared Hans Wunderl personally known to me, or proved to me on the basis of satisfactory evidence, to be the person who executed the within instrument.

WITNESS my hand and official seal.



Debbie Kelley  
Signature of Notary Public