

RECORDAT

08-26-2003



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

copy thereof.

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

1. Suvi Haukka 2. Hannu Huotari

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

() Yes (X) No

102534560

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

Name: ASM International N.V.

Internal Address: Jan van Eyckaan 10, 3723 BC
Bilthoven, P.O. Box 100, 3720 AC Bilthoven
The Netherlands

Street Address: same as above

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

() Yes (X) No

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3. Nature of conveyance:

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

Execution Date: 1. and 2. August 11, 2003

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

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

(X) Patent Application No.: 10/430,811
Filing Date: May 5, 2003

() 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: Andrew N. Merickel
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.: 53,317

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

(X) Enclosed

(X) 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.

Andrew N. Merickel
Name of Person Signing
SignatureAugust 20 2003
Date53,317
Registration No.

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

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

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Application No.: 10/430,811
Filing Date: May 5, 2003

PATENT
Client Code: SEPP24.003AUS
Page 1

ASSIGNMENT


WHEREAS, We, Suvi Haukka, a Finnish citizen, residing at Kymintie 28, FIN-00560 Helsinki, FINLAND, Hannu Huotari, a Finnish citizen, residing at Everstinkuja 4 C 46, FIN-02600 Espoo, FINLAND, have invented certain new and useful improvements in a METHOD OF DEPOSITING BARRIER LAYER FOR METAL GATES for which we have filed an application for Letters Patent in the United States, Application No. 10/430,811, Filed on May 5, 2003;

AND WHEREAS, ASM International N.V. (hereinafter "ASSIGNEE"), a Netherlands Corporation, with its principal place of business at Jan van Eyckaan 10, 3723 BC Bilthoven, P.O. Box 100, 3720 AC Bilthoven, The Netherlands, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

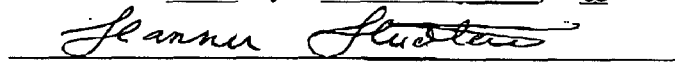
NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, 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 11th day of August, 2003


Suvi Haukka

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of August, 2003


Hannu Huotari

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