

**RECORDATION FOI  
PATENT**



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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents of \_\_\_\_\_ of \_\_\_\_\_.

1. Name of conveying party(ies): (If multiple assignors, list numerically)  
(1) Jan Zinger, (2) Christiarus G.M. DeRidder

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

*1.24.01*

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

**Name:** ASM International NV  
**Address:** Jan van Eycklaan 10,  
3723 AC Bilthoven  
THE NETHERLANDS

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) (1) & (2) - January 24, 2001

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

Application(s) filed herewith  
Execution Dates: (1) & (2) - January 24, 2001

Patent Application No.:  
Filing Date:

Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

*09769088*

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.:** ASMINT.010AUS

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

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 Akhtar*  
Signature

January 24, 2001  
Date

41,349  
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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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012401

Application No.: Unknown  
Filing Date: Herewith

PATENT  
Client Code: ASMINT.010AUS  
Page 1

ASSIGNMENT

WHEREAS, We, Jan Zinger, a citizen of The Netherlands, residing at Valderseweg IS, 7191 BD, Dwingeloo, The Netherlands, and Christianus G.M. De Ridder, Esdoomlaan 19, 3828 BK Hoogland, The Netherlands, have invented certain new and useful improvements in a WAFER HANDLING SYSTEM for which we have filed a provisional application No. 60/236,046, filed September 27, 2000 and for which we have executed a utility application for Letters Patent in the United States, Herewith;

AND WHEREAS, ASM INTERNATIONAL N.V. (hereinafter "ASSIGNEE"), with its principal place of business at Jan van Eycklaan 10, 3723 BC Bilthoven, THE NETHERLANDS, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, in return for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

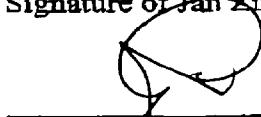
AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 24 day of 01, 2000

  
\_\_\_\_\_  
Signature of Jan Zinger

This 24 day of 01, 2000

  
\_\_\_\_\_  
Signature of Christianus G.M. De Ridder

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