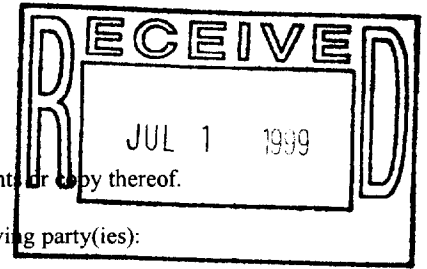




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MED 4-1-99

TO THE ASSISTANT COMMISSIONER FOR PA...

Document or copy thereof.

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

- 1. Ernst Hendrik August Granneman
- 2. Frank Huussen

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

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

Name: ADVANCED SEMICONDUCTOR MATERIALS INTERNATIONAL N.V.
Street Address: Rembrandtlaan 9
City: BAG Bilthoven **State:** The Netherlands **ZIP:** NL-3723

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) 1. June 11, 1999
2. June 11, 1999

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

- () Application(s) filed herewith Execution Date(s):
- (X) Patent Application No.: 09/227,564
Filing Date: January 8, 1999
- () Patent No.:
Issue Date:

Additional numbers attached? (X) Yes () No

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

Name: 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.: NEDER3.001APC

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

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.

Gordon H. Olson
Name of Person Signing

Gordon H. Olson
Signature

6/24/99
Date

20,319
Registration No.

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

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

07/06/1999 **INGUYEN 00000241 09227564**

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I/WE (1) Ernst Hendrik August Granneman, a citizen of the Netherlands, residing at Hoge Naarderweg 71 A, NL-1217 AD HILVERSUM, The Netherlands and (2) Frank Huussen, a citizen of the Netherlands, residing at Koppellaan 8, NL-3721 PE BILTHOVEN, The Netherlands, hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in METHOD AND APPARATUS FOR SUPPORTING A SEMICONDUCTOR WAFER DURING PROCESSING, the specification of which:

- (a) was executed on even date herewith;
- (b) was filed on January 8, 1999 as Application No. 0 9/227,564; or
- (c) was described and claimed in PCT International Application No. _____ filed on _____, 199__.


AND WHEREAS, ADVANCED SEMICONDUCTOR MATERIALS INTERNATIONAL N.V. , with its principal place of business at Rembrandtlaan 9, NL-3723 BG BILTHOVEN, The Netherlands, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, 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.

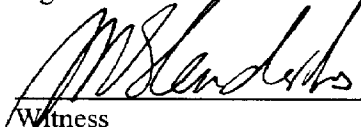
IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

This 11th day of June, 1999



 Signature of Ernst Hendrik August Granneman

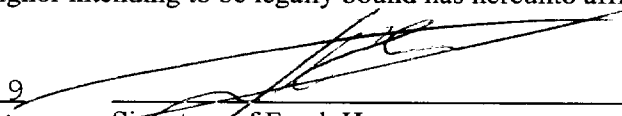
This 11th day of June, 1999



 Witness

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

This 11th day of June, 1999



 Signature of Frank Huussen

This 11th day of June, 1999



 Witness