FORM	PTO.	1595

07-20-2000

U.S. DEPARTMENT OF COMMERCE

	Ratent and Trademark Office R SHEET ATTY DOCKET 4-00	
To the Honorable Commissioner of Patients and Advanced	nease record the attached original documents or copy thereof	
Name of conveying party(ies):	Name and address of receiving party(ies)	
Ivo Raaijmakers 4/20/00 Franciscus B. Van Bilsen 5/24/00	Name: ASM America	
	Street Address: 3440 East University Drive	
Additional name(s) of conveying party(ies) attached? ☐ Yes ⊗ No		
3. Nature of conveyance:	City: Phoenix State: AZ Zip: 85034-7200	
☐ Security Agreement ☐ Change of name	Additional name(s) & address(es) attached? ☐ Yes No	
□ Other		
Execution Date: <u>4/20/00 and 5/24/00</u>		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the application is		
A. Patent Application No.(s) B. Patent No.(s)		
09/536,590 ————————————————————————————————————		
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1	
Name: Susan K. Doughty	7. Total fee (37 CFR 3.41): \$40.00	
Internal Address: <u>Greenlee, Winner & Sullivan</u>	☐ Enclosed	
Street Address: 5370 Manhattan Circle,	□ Authorized to be charged to deposit account	
Suite 201 City: Boulder State: CO ZIP: 80303	8. Deposit Account Number 07-1969	
Oity. <u>Bounder</u> State. <u>GO</u> 21F. <u>60300</u>		
DO NOT USE	THIS SPACE	
Statement and signature To the best of my knowledge and belief, the foregoing attached copy is a true copy of the original docume.		
Susan K. Doughty Susan K. Doughty June 20, 2000		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and document:4_		

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ASSIGNMENT

WHEREAS, we, IVO RAAIJMAKERS, Soestdijkseweg Noord 389, 3723 HD Bilthoven, The Netherlands; and FRANCISCUS B. VAN BILSEN, Oude baan 21, 3060 Bertem, Belgium (herein called "ASSIGNORS"), are the inventors of the invention "CLEANING OF SEMICONDUCTOR PROCESSING CHAMBERS" for which we have executed an application for a Patent of the United States, filed March 28, 2000 Serial No. 09/536,590 ;

WHEREAS, ASM AMERICA (herein called "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware having a principal place of business at 3440 East University Drive, Phoenix, AZ 85034-7200 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration the receipt of which is hereby acknowledged, we, the said ASSIGNORS, 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 in, to and under the said invention, and the said United States Application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority of the United States under the International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Page 1 of 3

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign 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 protection for said invention in all countries.

AND WE HEREBY authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year set opposite our signatures.

Mpri/20, 2000 DATE

IVO RAAIJMAKERS

STATE OF) ss COUNTY OF)

BEFORE ME, the undersigned authority, on this 20 day of 4pri, 2000, personally appeared **Ivo Raaijmakers**, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

NOTARY

Witness.

E.H.A. GRANNEMAN

(SEAL)

My commission expires:

5/24/2000		
DATE		
	Arizan	

FRANCISCUS B. VAN BILSEN

STATE OF Arizona

(SEAL)

) ss.

county of Maricopa

BEFORE ME, the undersigned authority, on this day of May, 2000, personally appeared Franciscus B. Van Bilsen, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

DEBBIE KELLEY
Notary Public - Arizona
MARICOPA COUNTY
My Commission Expires
MAY 2, 2003

My commission expires: May 3,2003

RECORDED: 06/23/2000

Page 3 of 3