

JUN 14 2000

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Form PTO-1595  
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U.S. Department of Commerce  
Patent and Trademark Office

101404188

To the Honorable Commissioner of Patents and Trademarks

copy thereof.

1. Name of conveying party(ies):

Fortum Oil and Gas Oy

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

Name: ASM Microchemistry Oy

Street Address: Kutojanite 2 B

City: Espoo State: Zip Code: FIN-02630

Country: FINLAND

Additional name(s) & address(es) attached?  yes  no

Additional name(s) of conveying party(ies) attached?  yes  no

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date(s): May 19, 2000

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).

09/482,625

B. Patent No(s).

Additional numbers attached?  yes  no

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

Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

Internal Address: c/o Linda E. Alcorn

Street Address: 1100 New York Ave., N.W.  
Suite 600

City: Washington State: D.C. Zip Code: 20005-3934

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

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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.*

Linda E. Alcorn  
Name of Person Signing  
Registration No. 39,588

Linda E. Alcorn  
Signature

6/14/00  
Date

Total number of pages including cover sheet, attachments and document 5

OMB NO. 0651-0011 (exp.4/94)

Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 010906 FRAME: 0093

# ASSIGNMENT

JUN 14 2000

WHEREAS FORTUM OIL AND GAS OY, a joint stock company having offices at Keilaniemi, FIN-02150 Espoo, FINLAND, is the owner of the entire right, title, and interest in U.S. Patent Application Serial No. 09/482,625, filed on January 14, 2000, for improvements in "METHOD AND APPARATUS FOR GROWING THIN FILMS," (hereinafter "the application") and the invention contained therein, by virtue of an assignment from the inventors Tuomo SUNTOLA and Sven LINDFORS, recorded in the U.S. Patent and Trademark Office on September 25, 1996, at Reel 8272, Frame 0516; and

WHEREAS ASM MICROCHEMISTRY OY, having offices at Kutojantie 2 B, FIN-02630 Espoo, FINLAND, its heirs, successors, legal representatives and assigns is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States from ASM MICROCHEMISTRY OY to the undersigned duly authorized representative of FORTUM OIL AND GAS OY in hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, FORTUM OIL AND GAS OY has sold, assigned and transferred and does hereby sell, assign, and transfer the full and exclusive right to said invention in the United States of America and its territories, dependencies, and possessions, and the entire right, title, and interest in and to the application and in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations, renewals, and extensions thereof for the full term or terms for which the same may be granted, to be held and enjoyed by ASM MICROCHEMISTRY OY, its successors and assigns, to the same extent that

this right, title and interest would have been held and enjoyed by FORTUM OIL AND GAS OY, if this assignment and sale had not been made.

IN ADDITION, FORTUM OIL AND GAS OY hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent as may issue on the application to ASM MICROCHEMISTRY OY, in accordance with this instrument.

FORTUM OIL AND GAS OY hereby represents and warrants that there are no rights or interests outstanding which are inconsistent with the interest granted to ASM MICROCHEMISTRY OY by this instrument, and that FORTUM OIL AND GAS OY will not execute any instrument or grant or transfer of any rights or interests which is inconsistent with the interest granted to ASM MICROCHEMISTRY OY by this instrument.

FORTUM OIL AND GAS OY binds itself and its heirs, executors, administrators, employees, and legal representatives, as the case may be, to execute and deliver to said ASM MICROCHEMISTRY OY, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by ASM MICROCHEMISTRY OY, its successors and assigns, to file applications for the above improvements and invention in the United States of America, and that may be necessary to vest in ASM MICROCHEMISTRY OY, its successors and assigns, the interest herein conveyed, or intended to be conveyed, and to enable said interest to be recorded in the United States of America.

FORTUM OIL AND GAS OY further covenants and agrees, in consideration of the premises, that it, its executors, and administrators will, at any time upon request, communicate to ASM MICROCHEMISTRY OY, its successors and assigns, any facts relating to said invention or improvements, and the history thereof, known to it or its executors and administrators, and that it will testify, or cause its employees to testify, as to the same in any interference or other proceeding when requested to do

so by ASM MICROCHEMISTRY OY, its successors and assigns.

The undersigned duly authorized representative of FORTUM OIL AND GAS OY has reviewed the evidentiary documents reflecting the chain of title to the application, and certifies to the best of his knowledge and belief that FORTUM OIL AND GAS OY presently is assignee of the entire right, title and interest in and to the application.

The undersigned duly authorized representative of FORTUM OIL AND GAS OY, whose title is supplied below, is empowered to act on behalf of FORTUM OIL AND GAS OY.

IN TESTIMONY WHEREOF, the undersigned duly authorized representative of FORTUM OIL AND GAS OY has hereunto set his hand this 19 day of May, 2000.

FORTUM OIL AND GAS OY

By: Kristiina Korpi  
Kristiina Korpi

Pat ent Manager  
(Title of signatory)

Triin Froese  
Witness

Accepted on behalf of ASM MICROCHEMISTRY OY:

By: Matti Ervasti  
Matti Ervasti

Managing Director  
(Title of signatory)

Arto P.  
Witness