

07-01-2002

A/0581.40

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

JC15 Rec'd PCT/PTO 11 APR 2002

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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

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

Kai-Erik ELMERS

4-11-02

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

☐ Yes ☒ No

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

Name: ASM Microchemistry Oy

Internal Address:

Street Address: Kutojantie 2 B

City: Espoo Country: FINLAND ZIP: FIN-02630

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

☐ Yes ☒ 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) March 6, 2002

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

☒ Application(s) filed herewith
 Execution Date(s): March 6, 2002

☐ Patent Application No.:
 Filing Date:

10110598

☐ Patent No.:
 Issue Date:

Additional numbers attached? ☐ Yes ☒ No

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.: SEPP19.001APC

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

☒ 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.

Sanjivpal S. Gill
 Name of Person Signing

Sanjivpal S. Gill
 Signature

4/11/02
 Date

Registration No. 42,578

Total number of pages including cover sheet, attachments and document: 3

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

U.S. Patent and Trademark Office
 Attn: Assignment Division
 Crystal Gateway-4
 1213 Jefferson Davis Highway, Suite 320
 Arlington, VA 22202

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PATENT
REEL: 013027 FRAME: 0564

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PATENT

ASSIGNMENT

WHEREAS, I/WE (1) Kai-Erik Elers
a Finnish citizen, residing at Härkävaljakontie 7 A 3,
FIN-00750 Helsinki, Finland
(2) _____
a _____ citizen, residing at _____
(3) _____
a _____ citizen, residing at _____
(4) _____
a _____ citizen, residing at _____
(5) _____
a _____ citizen, residing at _____

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in Method of modifying source chemicals in an ALD process, the specification of which:

- (a) ☐ was executed on even date herewith;
- (b) ☐ was filed on _____ as ☐ Application No. 0 / _____ or ☐ Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No. PCT/FI00/00884 filed on October 12, 2000 and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, ASM Microchemistry Oy, with its principal place of business at Kutojantie 2 B, FIN-02630 Espoo, Finland, (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.

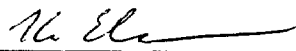
AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, 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.

PATENT

REEL: 013027 FRAME: 0565

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

This 6 day of MARCH, 2002


Signature of Kai-Erik Elers

This _____ day of _____,

Signature of _____

This _____ day of _____,

Signature of _____

This _____ day of _____,

Signature of _____

This _____ day of _____,

Signature of _____

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