

02-14-2002

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TO THE ASSISTANT COMMISSIONER FOR PAT

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ents or copy thereof.

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

1. Juha HUJANEN
2. Ivo RAAIJMAKERS

2-14-02

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

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

Name: ASM MICROCHEMISTRY OY
Internal Address:
Street Address: Kutojantie 2B
City: Espoo Country: FINLAND ZIP: FIN-02630

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. January 17, 2002 2. January 25, 2002

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

- () Application(s) filed herewith Execution Date(s):
(X) Patent Application No.: 09/997,396
Filing Date: November 28, 2001
() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) 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.: ASMMC.020AUS

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

- (X) 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

Signature

February 11, 2002
Date

Registration No. 41,394

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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ASSIGNMENT

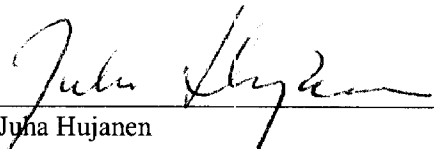
WHEREAS, We, Juha Hujanen, a citizen of Finland, residing at Forellesintie 5-7 B16, FIN-02700, Kauniainen, FINLAND and Ivo Raaijmakers, a citizen of The Netherlands, residing at Soestdijkseweg 389, Bilthoven 3723 HD, THE NETHERLANDS, have invented certain new and useful improvements in a THIN FILMS FOR MAGNETIC DEVICE for which we have executed an application for Letters Patent in the United States filed on November 28, 2001 and assigned U.S. Serial No. 09/997,396, which claims the benefit under Title 35, United States Codes § 119(e) of U.S. Provisional Application No. 60/250,533, filed on November 30, 2000;

AND WHEREAS, ASM MICROCHEMISTRY OY (hereinafter "ASSIGNEE"), a Finnish Corporation, with its principal place of business at Kutojantie 2B, FIN-02630 Espoo, FINLAND, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:


NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we 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 throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements 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 of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us 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 the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 17 day of Jan, 2002


Juha Hujanen

This 25 day of January, 2002


Ivo Raaijmakers