



2.7.02

TO THE COMMISSIONER FOR

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documents or copy thereof.

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

- 1. Pekka J. SOININEN
- 2. Kai-Erik ELMERS
- 3. Ernst H. A. GRANNEMAN

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

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

**Name:** ASM INTERNATIONAL NV  
**Internal Address:**  
**Street Address:** Jan van Eycklaan 10  
**City:** 3723 BC Bilthoven  
**Country:** THE NETHERLANDS

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 24, 2002 2. January 21, 2002 and 3. February 2, 2002

2.7.02

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

- ( ) Application(s) filed herewith Execution Date(s):
- (X) Patent Application No.: 09/991,332  
Filing Date: November 13, 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.:** ASMINT.027AUS

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

Adeel S. Akhtar  
Signature

February 4, 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:

02/08/2002 GT0N11 00000006 09991332  
 01 FC:581 40.00 DP

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Application No.: 09/991,332  
Filing Date: November 13, 2001

PATENT  
Client Code: ASMINI.027 AUS

ASSIGNMENT

WHEREAS, We, Pekka J. Soiminen, a citizen of Finland, residing at Heltijätöntuntie, 21A1, FIN-02200, Espoo, FINLAND, Kai-Erik Elers, a citizen of Finland, residing at 4408 NW Chanticleer Drive, Apt. #86, Portland, OR 97229, USA, and Ernst H.A. GRANNEMAN, a citizen of the Netherlands, residing at Hoge Nieuwerweg 71A, 1217 AD, Hilversum, THE NETHERLANDS have invented certain new and useful improvements in a METAL ANNEAL WITH OXIDATION PREVENTION for which we have filed an application for Letters Patent in the United States ON November 13, 2001, which was assigned U.S. Application Serial No. 09/991,332, which claims the benefit under Title 35, United States Code § 120 to PCT Application No. FI01/00473, filed on May 15, 2001, designating the U.S., which in turn claims priority under 35 U.S.C. § 119 to Finnish Patent Application No. 20001163, filed on May 15, 2000;

AND WHEREAS, ASM INTERNATIONAL NV (hereinafter "ASSIGNEE"), a with its principal place of business at Jan van Eycklaan 10, 3723 BC Bilthoven, THE NETHERLANDS, 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 24<sup>th</sup> day of January, 2001 2002

Pekka Soiminen  
Pekka J. SOININEN

This 21<sup>st</sup> day of January, 2001 2002

Kai-Erik Elers  
Kai-Erik ELERS

This 2<sup>nd</sup> day of February, 2001 2002

Ernst H.A. Granneman  
Ernst H.A. GRANNEMAN