

9-2-99
 101170179
 SHEET 1 OF 1
 (S)

TO THE ASSISTANT COMMISSIONER
 SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):
 1. Anton HULEK
 3. Rainer WAWRINA
 5.
 7.
 2. Franz RITZBERGER
 4.
 6.
 8.
 ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:
 NAME: VOEST-ALPINE Industrial Services GmbH
 ADDRESS: Werksgelände VOEST-ALPINE Stahl Linz, A-4031 Linz, Austria
 ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):
 (Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)
 ASSIGNMENT OF WHOLE PART INTEREST
 CHANGE OF NAME ACCURATE TRANSLATION
 SECURITY MERGER OTHER:
 EXEC. DATE: 1st Inventor: December 11, 1998;
 2nd and 3rd Inventor: December 10, 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1st Inventor: December 11, 1998; 2nd and 3rd Inventor: December 10, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APPL. NO.(S) series code/serial no.	1 st INVENTOR if not in Item 1	2 nd INVENTOR if not in Item 1	3 rd INVENTOR if not in Item 1
08/180,888	257889		

5. Name & Address of Party to Whom Correspondence Concerning Document should be Mailed:
 Pillsbury Madison & Sutro LLP
 Intellectual Property Group
 1100 NEW YORK AVENUE, N.W.
 NINTH FLOOR, EAST TOWER
 WASHINGTON, D.C. 20005-3918
 5.5 ATTY DKT:
 PMS 257889 36242/GA
 MATTER NO. CLIENT REF.

6. NUMBER INVOLVED:
 APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
 ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3875
 UNDER ORDER NO 41525 257889
 dup. sheet not required CLIENT NO. MATTER NO.

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.
 Signature: *Kevin E. Joyce* 43560
 Attorney: Kevin E. Joyce
 Reg. No. 20508 Date: September 2, 1999
 Atty/Sec: KEJ/sib TEL: (202) 861-3050 FAX: (202) 822-0944

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:
Cushman Darby & Cushman
Intellectual Property Group of
Pillsbury Madison & Suto LLP
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application
Atty. Dkt. 257869 36242/CA
Client No.

NONPROVISIONAL

**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAMES OF INVENTOR(S)	(1) Anton HULEK	(4)
	(2) Franz RITZBERGER	(5)
	(3) Rainer WAWRINA	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAMES OF ASSIGNEE(S) & ADDRESS(ES)

VOEST-ALPINE Industrial Services GmbH
Werksgelände VOEST-ALPINE Stahl Linz, A-4031 Linz, Austria

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION **PROCESS FOR CONTINUOUSLY PRODUCING A GLASSY OR VERTIFIED FURNACE SLAG**

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE ---
(Complete line A, B and/or C)

- (A) even date herewith
 (B) on _____
 (C) in U.S. Appln. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --- The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Suto, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTOR(S)	DATE SIGNED	WITNESSES
1)	<u>Anton Hulek</u>	<u>11.12.98</u>	<u>[Signatures]</u>
Name:	<u>Anton Hulek</u>	<u>11.12.98</u>	
2)	<u>Franz Ritzberger</u>	<u>11.12.98</u>	
Name:	<u>Franz Ritzberger</u>	<u>11.12.98</u>	
3)	<u>Rainer Wawrina</u>	<u>11.12.98</u>	
Name:	<u>Rainer Wawrina</u>		
4)			
Name:			
5)			
Name:			

IF ADDITIONAL INVENTORS, check box and continue on page 2.

CDC-114 9/96

RECORDED: 09/02/1999

PATENT
REEL: 010297 FRAME: 0800