## A1D58146

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	an Box	d Tra Assi	of the U.S. Patent ademark Office gnments ton, D.C. 20231	RI	05 - 30 -	2001		U.S. DEPARTMENT OF Patent and Tr	COMMERCE ademark Office	
		4	-19-51		101731			Attorney Docket No.	109312	
		To	o the Director of the U.S. Pa	tent an	d Trademark Office: Pi	29/ ease 1000.		ed original document or copy	thereof.	
	1.	A.	Name of conveying parties 1) Takeshi HIRABAYASI 2) Shigeru ISOYAMA 3) Takahiro YAMASAKI 4) Hideyuki NIKAIDO			2. A.	KAWASA 1-28, KIT	l address of receiving party: AKI STEEL CORPORATION AHONMACHIDORI 1-CHO U, KOBE-SHI, HYOGO 651	OME,	
		В.	Additional name(s) of conv		party(ies) attached? ☐ Yes 🖾 No					
	3.	Α.	Nature of conveyance:	H-1		В.	Additiona	al name(s) & address(es) attao		
		$\boxtimes$	Assignment		Merger				1	
			Security Agreement		Change of Name					
			Other			D	9/8	67903		
		B.	Execution Date: 1) April:	5, 2001	1; 2-4) April 6, 2001					
	4.	A. 2-4	If this document is being April 6, 2001	filed to	ogether with a new appli	cation, the	execution	date of the application is: 1)	April 5, 2001;	
04/23/20 <b>0</b> 1 AT 02 F <b>C:58</b> 1	RANI		0000056 09807 <b>90</b> 3	$\frac{1}{2}$		C.	Patent No	o.(s)		
				Additional numbers attached? ☐ Yes ☒ No						
	5.	Nar con	me and address of party to waterning document should be	hom co maileo	orrespondence d:	6. Tota	al number (	of applications and patents in	volved: <u>1</u>	
		N	ame: James A. Oliff			7. A.	Total fee	(37 CFR 3.41)\$ 40.0	<u>o</u>	
						В.	Enclosed	(Check No. <u>118294</u> )		
١		A	ddress: OLIFF & BERRID P.O. Box 19 Alexandria, V	928				rpayment or charge any undent number 15-0461.	rpayment to	
	9.	To the	the best of my knowledge and coriginal documents  mes A. Oliff Registration for omas J. Pardini Registration	. 27,07 No. 30	30,411					
					Total number of pages in	ncluding co	over sheet,	attachments, and document:	2	

PATENT REEL: 011831 FRAME: 0775

## **ASSIGNMENT**

		(1) Takeshi Hirabayashi (5)						
(1-8)	Insert name(s) of	(2) Shigeru Isoyama (6)						
	Inventor(s)	(3) Takahiro Yamasaki and (7)						
		(4) <u>Hideyuki Nikaido</u> (8)						
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration of the undersigned, the undersigned agree(s) to assign, and hereby does transfer and set over to						
(9)	Insert name of Assignee	(9) Kawasaki Steel Corporation						
(10)	Insert Address of	1-28, Kitahonmachidori 1-chome, Chuo-ku, (10) of Kobe-shi, Hyogo 651-0075 Japan						
	Assignee	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as						
(11)	Insert Identification of	(11) PCT/JP99/05043 HOT ROLLING METHOD FO	<u>OR</u>					
	invention, such as Title, Case Number or	METAL BLOCKS (Case No. 109213	)					
	Foreign Application Number	for which the undersigned has (have) executed an application for patent in the United Sto America	ites of					
(12)	Insert Date of Signing of Application	(12) on 1)APRIL 5, 2001; 2-5)April 6, 2001						
(13)	Alternative	(13) U.S. application Serial Number						
	Identification for filed applications	filed April 19, 2001						
conce evider conne States United Assigne and th identifi	rning this application or conce and going forward with claims or provided.  4) The undersigned agreement to the Assignee.  5) The undersigned here States resulting from saidee of the entire interest, at the has (they have) not 6) The undersigned here	gree(s) to execute all papers and documents and perform any act which may be nectisions of the International Convention for Protection of Industrial Property or similar agreement gree(s) to perform all affirmative acts which may be necessary to obtain a grant of a validation and all Letters Paterial application or any division or divisions or continuing applications thereof to the said Assitional hereby covenants that he has (they have) full right to convey the entire interest, herein and executed, and will not execute, any agreement in conflict herewith.  Thereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment are ecessary or desirable in order to comply with the rules of the United States Patent and Transcriptions.	cessary in tessary in this. id United ints of the ignee, as assigned,					
•		ecuted by the undersigned on the date(s) opposite the undersigned name(s).						
Date	April 05, 2001	Name of Inventor Takeshi Hirabayashi Jakeshi Hirabayashi	SEAL)					
Date	April 06, 2001	Name of Inventor Shigery Isoyama Shigery Isoyama	(SEAL)					
Date	April 06, 2001	Name of Inventor Takahiro Yamasaki Takahiro Tanusaki	(SEAL)					
Date	April 06, 2001	Name of Inventor Hideyuki Nikaido Inderguk Wikade	P(SEAL)					
Date		Name of Inventor	(SEAL)					
Date		Name of Inventor	(SEAL)					
Date		Name of Inventor	(SEAL)					
U.S.A. I		I preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if ou be signed before at least two witness who also sign here:	itside the					
Date		Witness						
		NPT						

**RECORDED: 04/19/2001** 

PATENT REEL: 011831 FRAME: 0776