Atty Docket No.:

FORM PTO-1595 1-31-92

0023-1740-2/kcf MAR 3 1 2903

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ATENTS ONLY

04-03-2003



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		attached original documents or copy thereof	
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
Hisashi MITAMURA	Name:	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	
Additional name(s) of conveying party(ies) attached? □Yes ■No	Address:	3-18, Wakinohama-cho 1-chome, Chuo-ku Kobe-shi, Hyogo 651-0072 Japan	
3. Nature of Conveyance:			
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other			
Execution Date: November 4, 1999	Additional	name(s) and address(es) attached? □Yes ■	
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, th	e execution d	ate of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)	
09/437,446			
Additional numbers att	tached? □Yes	■No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total ap	plications and patents involved: 1	
22850		7. Total fee (37 CFR 3.41): \$40.00  ■ Enclosed □ Authorized to be charged to deposit account	
		8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE T	THIS SPACE		
9. Statement and signature			
Name of Person Signing  Registration Number: 24.913  Joseph	4. Scafeit Signature A. Scafetta tion No. 26	tafr. March 31, 2003  Date  Date	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Joseph  Registration	Signature A. Scafette tion No. 26 cover sheet:	March 31, 2003  Date  5,803	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Joseph  Registration	Signature A. Scafetta tion No. 26 cover sheet:	March 31, 2003  Date  3, Jr. 5,803	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Total number of pages including this  Do not detach	A. Scafette Signature A. Scafette tion No. 26 cover sheet:	March 31, 2003  Date  5,803	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Total number of pages including this  Do not detach  Mail documents to be recorded with required cover sheet informations.	A. Scafette Signature A. Scafette tion No. 26 cover sheet: this portion ation to:	March 31, 2003  Date  1, 303  3	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Total number of pages including this  Do not detach  Mail documents to be recorded with required cover sheet informations.  Commissioner of Pater Box Assignments.	A. Scafette Signature A. Scafette tion No. 26 cover sheet:  this portion ation to:  outs and Trade ments	March 31, 2003  Date  1, 303  3	
Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Total number of pages including this  Do not detach  Mail documents to be recorded with required cover sheet informations.  Commissioner of Pater	A. Scafette Signature A. Scafette tion No. 26 cover sheet:  this portion ation to:  outs and Trade ments	March 31, 2003  Date  1, 303  3	

**PATENT** REEL: 013906 FRAME: 0211

## ASSIGNMENT OF APPLICANT

WHEREAS I (WE) <u>Hisashi MITAMURA</u> of <u>c/o Takasago Works in Kobe Steel, Ltd3-1</u>, <u>Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo676-0008 Japan</u>, respectively, have invented certain new and useful improvements in:

TIRE VULCANIZER AND TIRE VULCANIZING EQUIPMENT EQUIPPED WITH THE TIRE VULCANIZER

for which an application for Letters Patent was executed on November 4,1999 (Application No. 09/437,446 , filed November 10, 1999 ),and

WHEREAS, <u>Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)</u> having a place of business at: 3-18, <u>Wakinohama-cho 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072 Japan</u>, (hereinafter referred to as "ASSIGNEE") is/are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 013906 FRAME: 0212 EXECUTED AT: Hyogo, Japan

Date	November 4,1999		Hisashi Mitamura
		_	Hisashi MITAMURA
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PATENT REEL: 013906 FRAME: 0213

Date