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Atty Docket No.: 197104U

FORM PTO-1
1-31-92

5-15-01



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.


1. Name of conveying party(ies): KABUSHIKI KAISHA KOBE SEIKO SHO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: KOBELCO CONSTRUCTION MACHINERY CO., LTD. Address: 12-4, Gion 3-chome Asaminami-ku, Hiroshima-shi Hiroshima 731-0138, Japan Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: September 21, 2000	

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/294,030	B. Patent No.(s) 5,743,089 5,992,147 5,941,155 6,202,411
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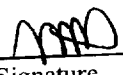
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:  22850	6. Total applications and patents involved: 5 7. Total fee (37 CFR 3.41): \$200.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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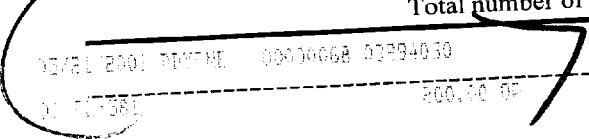
9. Statement and signature

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.

<u>Marvin J. Spivak</u> Name of Person Signing	 Signature	<u>5/17/01</u> Date
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Registration Number: **24,913**

Total number of pages including this cover sheet: **4**



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Commissioner of Patents and Trademarks
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ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA KOBE SEIKO SHO of 3-18, Wakinohama 1-chome, Chuo-ku, Kobe-shi, Hyogo-ken, Japan, a corporation organized and existing under the laws of the country of Japan, is the sole and exclusive owner, by assignment, of the following Letters Patent and applications for letters patent of the United States of America

LETTERS PATENT

<u>Patent Number</u>	<u>Issue Date</u>
5,743,089	April 28, 1998
5,941,155	August 24, 1999
5,992,147	November 30, 1999
6,202,411	March 30, 2001

APPLICATION

<u>Serial Number</u>	<u>Filing Date</u>
09/294,030	April 20, 1999

WHEREAS, KOBELCO CONSTRUCTION MACHINERY CO., LTD. of 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Letters Patent and applications for letters patent and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledge, KABUSHIKI KAISHA KOBE SEIKO SHO by these presents do sell, assign, and transfer unto said ASSIGNEE the entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patent and in and to the aforesaid applications for letters patent and the inventions described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, substitutions and renewals thereof, and in and to any and all reissues of said Letters Patent to the full end of the term for which said Letters Patent have been granted or may be granted the same to be held and enjoyed by the ASSIGNEE for the use and behoof of said ASSIGNEE, and for the use and behoof of their successors, assigns or other legal representatives to the full end of the term for which said Letters Patent have been or may be granted, and for claims for damage by reason of infringement past and present, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

KABUSHIKI KAISHA KOBE SEIKO SHO further authorizes and requests the Patent Office Officials in the United States and its territorial possessions to issue any and all Letters Patent resulting from the aforesaid applications for letters patent or any divisions or continuations thereof, when granted, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, KABUSHIKI KAISHA KOBE SEIKO SHO,

has caused these presents to be signed by its officer thereunto duly authorized.

KABUSHIKI KAISHA KOBE SEIKO SHO

Date: September 21, 2000

By: 

Name: Hiroshi SATOH

Title: Director & Senior Officer