Form PTO-1595 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Attorney Docket No. 1297.44716X00 102946601 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy there 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Hiroyuki ODA Hitachi Koki Co., Ltd. Yukio TERUNUMA No. 15-1 Konan Masayuki OGURA 2-chome Minato-ku, Tokyo 108-6020 **JAPAN** Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Additional name(s) & address(es) attached? ☐ Yes ☒ No 3. Nature of conveyance: ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: January 11, 2005. 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: January 11, 2005. A. Patent Application No.(s) B. Patent Registration No.(s) Additional number(s) attached Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)..... \$40.00 Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: Authorized to be charged to deposit account 1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800 8. Deposit account number: City: ARLINGTON State: VA Zip 22209 01-2135 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. MELVIN KRAUS, Reg#22,466 02/11/2005 Name of Person Signing Date

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PATENT

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## **ASSIGNMENT**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to HITACHI KOKI CO., LTD.			
of No.15-1, Konan 2-chome, Minato-ku, Tokyo		, 12110.	
its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to			
DRILLING SYSTEM INCLUDING DRILLING MACHINE AND COMPRESSOR			
invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said  HITACHI KOKI CO., LTD.  its successors, assigns or other legal representatives, 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 and enjoyed by me or us if this assignment and sale had not been made:  And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;			
And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI KOKI CO., LTD.			
	(Full Name)		(Signature)
1) Date January 11, 2005 Inventor	Hiroyuki ODA 76	vroyuki	0 da
Residence Hitachinaka-shi, Ibaraki-ken, Japan		Citizenship	
Post Office Address c/o Hitachi Koki Co., Ltd. No.1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 Japan			
	(Full Name)		(Signature)
2) Date January 11, 2005 Inventor Residence Hitachinaka-shi, Ibaraki-ken, Japan	Yukio TERUNUMA	Yukio 7 Citizenship	Terunuma Japanese
Post Office Address c/o Hitachi Koki Co., Ltd. No.1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 Japan			
	(Full Name)		(Signature)
3) Date January 11. 2005 Inventor	Masayuki OGURA	Manayahu Citizenship	Ogura
Residence Hitachinaka-shi, Ibaraki-ken, Japan		Citizenship	Japanese

Post Office Address c/o Hitachi Koki Co., Ltd. No.1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 Japan

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