Le. 1604

WAK-101

PASENTS ONLY (ref OG 7/28/92)

Name of Partyies conveying an interest:

Satoshi NOZAKI Takashi ABE Osamu ARAI Kazuhiro ARAI

JUN 1 6 2004

Name and Address of Party receiving an interest:

> HITACHI, LTD. 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, JAPAN

- 3. Description of the interest conveyed: Assignment
- 4. Application number(s) or patent number(s).

Additional sheet attached? ___ Yes XXX No

A. Patent Application No.(s)

B. Patent No.(s)

10/481,010

5. Name and address of party to whom correspondence concerning document should be mailed:

> John R. Mattingly Mattingly, Stanger & Malur, P.C. 1800 Diagonal Road, Suite 370 Alexandria, Virginia 22314

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

- 6. Number of applications and patents involved: One
- 7. Amount of fee enclosed or authorized to be charged: \$40.00
- 8. The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no credit card payment form is attached.

DO NOT USE THIS SPACE

- 9. Execution date of attached document: November 21, 2003
- 10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

Gene W. Stockman

Name of Person Signing

Signature RNZ16021

<u>June 16, 2004</u> Date

Total number of pages being submitted: 3

06/18/2004 JBALINAN 00000099 10481010

01 FC:8021

40.00 OP

PATENT REEL: 015474 FRAME: 0699

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by <u>HITACHI CONSTRUCTION CO., LTD.</u>, a corporation organized under the laws of <u>Japan</u>, located at <u>5-1</u>, Koraku <u>2-chome</u>, Bunkvo-ku, Tokyo 112-0004 <u>Japan</u>, receipt of which is hereby acknowledged I do hereby sell and assign to said <u>HITACHI CONSTRUCTION CO., LTD.</u>, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

EXCAVATING TOOL FOR EARTH DRILL

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 on 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 CONSTRUCTION CO., LTD., its successors, assigns or other legal representatives, to the full end of 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 <u>HITACHI</u> CONSTRUCTION CO., LTD.,

Signed on the date(s) indicated aside signatures:

RECORDED: 06/16/2004

INVENTOR(S)	Date Signed	Witness(es)
1) Satoshi-Nozaki	Nov21-2003	noriguhi Sigihi
2) Takashi-abe	nov -2/-2003	noriyuhi Auzuki
3) <u>avai - Osamu</u>	nov - 21 - 2003	noriyaki Suzuki
4) <u>Arai - Kazuhiro</u>	nov - 21 - 2003	noriyuki Suzuki
5)		
6)		
7)		
8)		

PATENT REEL: 015474 FRAME: 0700