

02-21-2002

Attorney Docket No. 614HC/50888

U.S. DEPARTMENT OF COMMERCE  
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BT

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

1. Name of conveying party(ies):

1. Hiroshi WATANABE
2. Koichi SHIBATA
3. Genroku SUGIYAMA
4. Toichi HIRATA
5. Hiroyuki ADACHI
6. Hideki KOMATSU
7. Yasushi OCHIAI



2.14.02

2. Name and address of receiving party(ies)

Name: HITACHI CONSTRUCTION MACHINERY CO., LTD.

Street Address: 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 Japan

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: February 6, 2002

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)  
10/048,007

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

CROWELL & MORING, L.L.P.  
P.O. Box 14300  
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6. Total number of applications and patents involved:

7. Total Fee (37 CFR 3.41): \$ 40.00  
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Herbert I. Cantor

Reg. No. 24,392

February 14, 2002  
Date

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**ASSIGNMENT**WHEREAS, (1) Hiroshi WATANABE, Koichi SHIBATA, Genroku SUGIYAMA, Toichi HIRATA,Hiroyuki ADACHI, Hideki KOMATSU, Yasushi OCHIAIcitizen(s) of (2) Japan whose address(es) is (are) (3) SEE ATTACHEDrespectively, (hereinafter collectively ASSIGNOR) has invented certain new and useful improvements in  
(4) COMMUNICATION SYSTEM FOR WORKING MACHINES

for which application for Letters Patent of the United States (5) is about to be (has been) made; and

WHEREAS, (6) HITACHI CONSTRUCTION MACHINERY CO., LTD.a (7) corporation, of (8) Japan whose address is \_\_\_\_\_5-1, Koraku 2-chome, Bunkyo-ku, TOKYO 112-0004 Japan\_\_\_\_\_ (hereinafter ASSIGNEE) is desirous of acquiring  
all right, title, and interest in the United States in and to the aforesaid invention, and in, to and under any and all  
United States Patents to be obtained therefor;NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the  
receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has and by these presents does hereby sell,  
assign and transfer unto ASSIGNEE, its successors and assigns, his entire right, title and interest in and to said  
invention as described in the application Serial Number \_\_\_\_\_, executed (filed) on \_\_\_\_\_(Crowell & Moring, LLP, are hereby authorized to insert the execution date, filing date, Serial Number or other  
appropriate identifying data when known) in any form or embodiment thereof, and in and to the aforesaid  
application; also his entire right, title and interest in and to any and all patents, reissues or extensions thereof to be  
obtained in the United States on said invention, and any divisional, continuation, continuation-in-part, or substitute  
applications which may be filed on said invention in the United States; and the issuing authority is hereby authorized  
and requested to issue any and all patents on said invention to ASSIGNEE.ASSIGNOR further agrees without any payment by ASSIGNEE, other than expenses incurred by  
ASSIGNOR, to communicate to ASSIGNEE, its representatives or agents, facts relating to said invention, including  
evidence for interference purposes or for other proceedings, whenever requested; to testify in any interference or  
other proceedings, whenever requested; and to execute and deliver on request all lawful papers required to make  
any of the foregoing provisions effective, and likewise make these provisions binding upon any heirs, legal  
representatives, administrators and assigns, and ASSIGNOR hereby warrants that, at the time of execution and  
delivery of this instrument, he is the lawful owner of the entire right, title and interest in and to said invention and said  
application, and that the same are unencumbered and that he has good and full right and lawful authority to sell and  
convey the same in the manner herein set forth.IN WITNESS WHEREOF, ASSIGNOR hereunto sets his hand and seal this (10) 6  
day of February, 2002.

Witnesses:

(12) Hiroaki Tokairin

(12) \_\_\_\_\_

(11) Hiroshi Watanabe L.S.  
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Typed Name: Hiroyuki ADACHI(11) Hideki Komatsu L.S.  
Typed Name: Hideki KOMATSU(11) Yasushi Ochiai L.S.  
Typed Name: Yasushi OCHIAI**PATENT****REEL: 012584 FRAME: 0807**

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