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102367254

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

1. Name of conveying party(ies):

1. Yasushi WATANABE
2. Hiroshi KIYOSUGI
3. Mikio NAKAI
4. Yuki ISHIDA
5. Toshiaki MATSUO
6. Takashi SEKIYA



2. Name and address of receiving party(ies)

Name: Hitachi Building Systems Co., Ltd.
Address: 6, Nishikicho 1-chome, Kanda,
Chiyoda-ku, Tokyo 101-0054 JAPAN

3. Nature of Conveyance:

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

Execution Date: February 4, 2003

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)
10/315,225

B. Patent No(s).

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

CROWELL & MORING, L.L.P.
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323

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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.

Herbert I. Cantor

Reg. No. 24,392

February 11, 2003

Date

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PATENT
REEL: 013754 FRAME: 0225

ASSIGNMENT

WHEREAS, (1) Yasushi WATANABE, Hiroshi KIYOSUGI, Mikio NAKAI, Yuki ISHIDA,
Toshiaki MATSUO, Takashi SEKIYA

citizen(s) of (2) Japan whose address(es) is (are) (3) _____

c/o Hitachi Building Systems Co., Ltd., 6, Nishikicho 1-chome, Kanda, Chiyoda-ku,

Tokyo 101-0054 Japan

respectively, (hereinafter collectively ASSIGNOR) has invented certain new and useful improvements in
 (4) MAGNETIC BRAKE SYSTEM AND ELEVATOR TROUBLE DETECTION SYSTEM
 for which application for Letters Patent of the United States (5) is about to be (has been) made; and

WHEREAS, (6) Hitachi Building Systems Co., Ltd.

a (7) corporation, of (8) Japan whose address is _____

6, Nishikicho 1-chome, Kanda, Chiyoda-ku, Tokyo 101-0054 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) 4th
 day of February, 20 03.

Witnesses:

(12) Takashi Sekiya Sekiya

(12) Yasushi Watanabe

(11) Yasushi Watanabe L.S.
 Typed Name: Yasushi WATANABE

(11) Hiroshi Kiyosugi L.S.
 Typed Name: Hiroshi KIYOSUGI

(11) Mikio Nakai L.S.
 Typed Name: Mikio NAKAI

(11) Yuki Ishida L.S.
 Typed Name: Yuki ISHIDA

(11) Matsuo Toshiaki L.S.
 Typed Name: Toshiaki MATSUO

(11) Takashi Sekiya L.S.
 Typed Name: PATENT