Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

Mail documents to be recorded with required cover sheet information to:

PATENT REEL: 010957 FRAME: 0241

PATENT REEL: 010957 FRAME: 0242

'ttorney Docket No. 47676

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

PATENT REEL: 010957 FRAME: 0243 Attorney Docket No.: 47676

U.S. Rights-Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Hitachi Building Systems Co., Ltd. 6, Kanda Nishikicho 1-cheme, Chiyoda-ku, Tokyo 101-0054, Japan

Nanshin Kiko Co., Ltd. 8-7, Shinbashi 5-chcme, Minato-ku, Tokyo 105-0004, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

GUIDE RAIL LUBRICATING DEVICE FOR ELEVATOR, AND CASE AND OIL-RETAINING MEMBER FOR THE LUBRICATING DEVICE

as	set	forth	in h	is U:	nited	States	Patent	Application	on (check	one):
_		exe	ecute	d cor	ncurre	ently he	erewith,			
		exe	ecute	d on			/	ed <u>March</u>	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
		xSe:	rial	No.	09/:	<u>270,015</u>	, file	ed <u>March</u>	16, 1999	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith.

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith.

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

Each of the undersigned hereby grants the firm of EVENSON, McKEOWN, EDWARDS & LENAHAN, P.L.L.C., or any partner thereof, the power to insert into this Assignment any further identification, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

秀寶7,8月12日 - 6月155

PATENT 33 5 5 7 REEL: 010957 FRAME: 0244

Y : EUENSON MCKEOWN

PHONE NO. : 2026288829

May. 11 1999 04:18PM PA

ASSIGNMENT

Page 2 of 2

Attorney Docket No: 47676

INVENTOR:

Nobumichi SHIGETOMI

Cirizenship:

Post Office Address/

Japanese

21-15, Cirumicho 3-chome, Merima-ku, Tokyo 176-0062, Japan

Residence:

INVENTOR:

Masaki NAKANO

Citizenship:

Japanese

Post Office Address/

453-13, Caza Higashihukai, Nagarayama-shi, Chiba 270-0101, Japan

Residence:

may 17,1999 masake hakano.

(deta) (signature of 2nd inventor)

INVENTOR:

Tomoharu ONISHI

Citizenship:

Japanese

Post Office Address/

1513-301, Osza Hutaesaku, Taiyou-mura, Kashima-gun, Ibaraki 311-2105, Japan

Residence:

may 17.1999 Tomoharu Onishi.
(signature of 3rd inventor)

INVENTOR:

Tokiji TAMARU

Citizenship:

Japanese

Post Office Address/

33-3, Aldacho 3-chome, Hitachi-shi, Ibaraki 319-1418, Japan

Residence:

INVENTOR:

Shigeyuki SATO

Citizenship:

Japanese

Post Office Address/

15-9, Hikanigaoka 4-chome, Kashiwa-shi, Chiba 277-0065, Japan

Residence:

May 12, 1999 Shigeyuki Sator
(date) (signature of 5th invent

愛謝(3月12日 6時135

PATENT SELECT

REEL: 010957 FRAME: 0245

M : EVENSON MCKEOUN

PHONE NO. : 2026288829

May. 11 1999 04:19PM P7

ASSIGNMENT

Page 3 of 2

Attorney Docket No: 47676

INVENTOR:

Atsushi HOTTA

Citizenship:

Japanese

Post Office Address/

uapanese 22-4, Obyata 1-chome, Adachi-ku, Tokyo 120-0001, Japan

Residence:

Atsushi Idotta
(signature of 5th inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

類節 图记 绮光

RECORDED: 07/18/2000

PATENT :

REEL: 010957 FRAME: 0246