

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                      |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                          |
| CONVEYING PARTY DATA   |                                     |
| Name   | Execution Date                      |
| Takaharu UEDA  | 11/20/2007                          |
| Rikio KONDO  | 11/21/2007                          |
| Hiroshi KIGAWA   | 11/20/2007                          |
| RECEIVING PARTY DATA   |                                     |
| Name:  | MITSUBISHI ELECTRIC CORPORATION     |
| Street Address:  | 7-3, Marunouchi 2-chome, Chiyoda-ku |
| City:  | Tokyo                               |
| State/Country:   | Japan                               |
| Postal Code:   | 100-8310                            |
| PROPERTY NUMBERS Total: 1  |                                     |
| Property Type  | Number                              |
| Application Number:  | 12064394                            |
| CORRESPONDENCE DATA  |                                     |
| Fax Number:  | (703)413-2220                       |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                     |
| Phone:   | (703) 413-3000                      |
| Email:   | dtyson@oblon.com                    |
| Correspondent Name:  | Oblon, Spivak, et al.               |
| Address Line 1:  | 1940 Duke Street                    |
| Address Line 4:  | Alexandria, VIRGINIA 22314          |
| ATTORNEY DOCKET NUMBER:  | 322448US2PCT                        |
| NAME OF SUBMITTER:   | Derrick Tyson                       |
| Total Attachments: 1<br>source=322448USAssignment#page1.tif                          |                                     |

OP \$40.00 12064394

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PATENT  
REEL: 020543 FRAME: 0481

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Takaharu UEDA, Rikio KONDO and Hiroshi KIGAWA hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION  
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled ELEVATOR APPARATUS which was executed by the undersigned on July 27, 2006 and accorded Serial No. PCT/JP2006/314888 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

(Takaharu UEDA) Takaharu Ueda  
 (Rikio KONDO) Rikio Kondo  
 (Hiroshi KIGAWA) Hiroshi Kigawa

DATE

Nov. 20, 2007  
Nov. 21, 2007  
Nov 20, 2007