

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kozo IDE	04/22/2010
Shinya MORIMOTO	04/23/2010
Masanobu INAZUMI	04/22/2010
Young Doo YOON	04/13/2010
Seung-ki SUL	04/13/2010

**RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA YASKAWA DENKI
Street Address:	2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi
City:	Fukuoka
State/Country:	JAPAN
Postal Code:	806-0004

Name:	Young Doo YOON
Street Address:	315-57 Noryangjin-dong, Dongjak-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA

Name:	Seung-ki SUL
Street Address:	1019 Shingu Bless Valley Apt. #203, Bang Bae Dong, Seocho Gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12690904

**CORRESPONDENCE DATA**

OP \$40.00 12690904

**501162733**

**PATENT  
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ATTORNEY DOCKET NUMBER:	P3699US00
NAME OF SUBMITTER:	Masayasu Mori

Total Attachments: 4  
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Attorney Docket No.:  
Client Docket No.: 09P00202US

### ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I(we) the undersigned, Kozo IDE of Fukuoka, Japan, Shinya MORIMOTO of Fukuoka, Japan, Masanobu INAZUMI of Fukuoka, Japan, Young Doo YOON of Seoul, Korea, and Seung-ki SUL of Seoul, Korea, hereby sell, assign, and transfer to

KABUSHIKI KAISHA YASKAWA DENKI, a corporation of Japan, having a principal place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan,

Young Doo YOON, an individual of Korea, having a place of residence at 315-57 Noryangjin-dong, Dongjak-gu, Seoul, Korea, and

Seung-ki SUL, an individual of Korea, having a place of residence at 1019 Shingu Bless Valley Apt. #203, Bang Bae Dong, Seocho Gu, Seoul, Korea ("Assignees"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

#### ALTERNATING-CURRENT MOTOR CONTROL APPARATUS

- which has been executed by the undersigned concurrently herewith,  
 which was filed on January 20, 2010 and assigned Serial No. 12/690,904

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignees may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignees, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignees, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignees, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignees, its successors, assigns, and legal representatives; and

covenant with said Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

April 22, 2010  
Date

Kozo IDE  
Name: Kozo IDE

**Each Inventor: Please Sign and Date Below:**

April 23, 2010  
Date

Shinya Morimoto  
Name: Shinya MORIMOTO

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Masanobu INAZUMI

**Each Inventor: Please Sign and Date Below:**

April 13th, 2010  
Date

Young Doo Yoon  
Name: Young Doo YOON

**Each Inventor: Please Sign and Date Below:**

April 13th, 2010  
Date

Seung-ki Sul  
Name: Seung-ki SUL

Attorney Docket No.:  
Client Docket No.: 09P00202US

### ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I(we) the undersigned, Kozo IDE of Fukuoka, Japan, Shinya MORIMOTO of Fukuoka, Japan, Masanobu INAZUMI of Fukuoka, Japan, Young Doo YOON of Seoul, Korea, and Seung-ki SUL of Seoul, Korea, hereby sell, assign, and transfer to

KABUSHIKI KAISHA YASKAWA DENKI, a corporation of Japan, having a principal place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan,

Young Doo YOON, an individual of Korea, having a place of residence at 315-57 Noryangjin-dong, Dongjak-gu, Seoul, Korea, and

Seung-ki SUL, an individual of Korea, having a place of residence at 1019 Shingu Bless Valley Apt. #203, Bang Bae Dong, Seocho Gu, Seoul, Korea ("Assignees"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

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- which has been executed by the undersigned concurrently herewith,  
 which was filed on January 20, 2010 and assigned Serial No. 12/690,904

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignees may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignees, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignees, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignees, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignees, its successors, assigns, and legal representatives; and

covenant with said Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Kozo IDE

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Shinya MORIMOTO

**Each Inventor: Please Sign and Date Below:**

April 22, 2010  
Date

Masanobu Inazumi  
\_\_\_\_\_  
Name: Masanobu INAZUMI

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Young Doo YOON

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Seung-ki SUL