AUG 2 3 2006 Atty Docket No.: 293728US2S FORM PTO-1595 06-04



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office.	cuments or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Toshiyuki NAKA Akio NAKAGAWA Kazutoshi NAKAMURA	Name: KABUSHIKI KAISHA TOSHIBA Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105- 8001, Japan			
Additional name(s) of conveying party(ies) attached? Yes No	1			
3. Nature of Conveyance:	1			
■ Assignment□ Merger□ Security Agreement□ Change of Name□ Other				
Execution Date: July 21, 2006	Additional name(s) and address(es) attached? ☐ Yes ■ No			
4. Application number(s) or patent number(s):				
☐ This document is being filed together with a new application				
A. Patent Application No.(s) 11/485,466	B. Patent No.(s)			
Additional numbers attached	ed? □ Yes ■ No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1			
Customer Number	7. Total fee (37 CFR 3.41): \$40.00			
22850	Enclosed			
Tel. (703) 413-3000 Fax. (703) 413-2220	Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE TH	HIS SPACE			
9. Statement and signature				
To the best of my knowledge and belief, the foregoing information copy of the original document. Eckhard H. Kuesters Name of Person Signing Flaymond F.	Aug 2 3 2006 Aug 2 3 2006 Date Cardillo, Jr.			
Registration Number: 28,870 Registration	n No. 40,440			
Total number of pages including	this cover sheet: 3			
Do not detach the Mail documents to be recorded with required cover sheet information	9: F0.3994			

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> **PATENT REEL: 018221 FRAME: 0044**

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

ELECTRIC POWER UNIT OPERATING IN CONTINUOUS AND DISCONTINUOUS CONDUCTION MODES AND CONTROL METHOD THEREFOR

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith				
	[]	executed on	;			
	[]	Application No. 11/485,466	, filed	July 13,	2006	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314

PATENT REEL: 018221 FRAME: 0045

ASSIGNMENT

[1st Inventor] Residence Address: Fuchu-shi, Japan Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan July 21, 2006 [2nd Inventor] Residence Address: Chigasaki-shi, Japan Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan July 21, 2006

Date: [3rd Inventor] Residence Address: Yokohama-shi, Japan Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Citizenship: Japan

Kazutoshi Nakamura

Tuly 21, 2006

Date:

RECORDED: 08/23/2006

Minato-ku, Tokyo 105-8001, Japan

PATENT REEL: 018221 FRAME: 0046