FORM PTO-1595 (Rev. 6/93)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
01-08-206	D.3 SHEET	
120/00	Attorney's Docket No. 027260-633	
To the Honorable Commissioner of Patents and 102331108	e attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Motoki HIGASHIDA	Name: <u>Mitsubishi Denki Kabushiki Kaisha</u>	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance:	Address: 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8310 Japan	
[X] Assignment [] Merger [] Security Agreement [] Change of Name Other: Execution Date: December 12, 2002	Additional name(s) & address(es) attached? [] Yes [X] No	
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s) 	B. Patent No.(s) /0/330123	
Additional numbers attached? [] Yes [X] No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Platon N. Mandros	7. Total fee (37 CFR § 3.41): \$_40.00	
Address: Burns, Doane, Swecker & Mathis, L.L.P.	[X] Enclosed	
P.O. Box 1404 Alexandria, Virginia 22313-1404	[X] Authorized to be charged to deposit account, if necessary	
Alexandria, Virginia 22313-1404	8. Deposit account number: _02-4800	
DO MOT HOW	THIS SPACE	
DO NOT USE	THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true. Platon N. Mandros, Reg. No. 22,124 Name of Person Signing	December 30, 2002 Signature Total number of pages including cover sheet, attachments. and document: 3	
Commissioner of Pat	required cover sheet information to: ents and Trademarks ignments	

Washington, D.C. 20231

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ASSIGNMENT

(SOLE)

THIS ASSIGNMENT, by Motoki HIGASHIDA, residing at	Tokyo, Japan	
(hereinafter referred to as "the Assignor"), witnesseth:		
WHEREAS, the Assignor has invented certain new and useful improvements in		
in an application, [] which is a provisional application to be filed herev provisional application having an oath or declaration executed on even date of application; [] bearing Application No	vith; [X] which is a non- te herewith prior to filing	
; and		
WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan, and having its principal place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan (hereinafter		
referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.		

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in

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any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date December 12, 2002 Name of Assignor Hotoki Higa Linda Motoki HIGASHIDA

RECORDED: 12/30/2002

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