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294240US SEP 2 6 2006 ST

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Shigeki HARADA, Taichiro TAMIDA and Akihiko IWATA MITSUBISHI ELECTRIC CORPORATION Address: 7-3, Marunouchi 2-chome Chiyoda-ku Tokyo 100-8310 Additional name(s) of conveying party(ies) attached?

Yes No Japan 3. Nature of Conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Additional name(s) and address(es) attached?

Yes
No Execution Date: July 20, 2006 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 11/460,103 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Marvin J. Spivak Name of Person Signing Joseph Scafetta, Jr. Registration Number: 24,913 Registration No. 26,803 Total number of pages including this cover sheet: 3 89/87/2006 MRERHE __00000021_11460103 Do not detach this portion 81 FC:8821 Mail documents to be recorded with required cover sheet information to:

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Assignment of Application

Page 1 of 2

	Snigeki HA	RADA, Taich	niro TAMIDA	and Akihiko	IWATA	of
c/c	Mitsubishi	Electric Co	rporation,	Tokyo, Japai	<u>n</u>	
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						, respectively,
have invented certain r	new and useful imp	provements in:	LAMP LIGHT	'ING APPARATU	ıs''	, respectively,
have invented certain r	new and useful imp	provements in:	'LAMP LIGHT	'ING APPARATU	s"	, respectively,
				ING APPARATU		, respectively,
have invented certain r for which an application		it was executed o	n J			, respectively,
for which an application	on for Letters Pater	nt was executed o	n July	ruly 20, 2006		
for which an application (Application No. WHEREAS, M	on for Letters Pater 11/460,103 itsubishi	nt was executed o	n July led July	uly 20, 2006 y 26, 2006 on	<u> </u>), and
for which an application (Application No. WHEREAS, M (hereinafter referred to	on for Letters Pater 11/460,103 itsubishi as "ASSIGNEE")	nt was executed o , fi Electric o having a place o	n July led July	uly 20, 2006 y 26, 2006 on	<u> </u>), and
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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	July 20, 2006	Shiqeki HARADA	Shigeli HARADA
		(Signature of Inventor)	
Date:	July 20, 2006	Taichiro TAMIDA (Signature of Inventor)	Taichiro Tomida
Date:	July 20, 2006	Akihiko IWATA (Signature of Inventor)	Akihiko Iwata
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PATENT REEL: 018342 FRAME: 0446

RECORDED: 09/26/2006