(Rev. 10/02) On B No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office HDP Docket No. 5077-000136					
To the Honorable Commissioner of Patents and Trademarks:	Please Record the attached original documents or copy thereof.					
Name of conveying party(ies): Shinichiro Hataoka Kiyoshi Takahashi Yuriko Kaneko	2. Name and address of receiving party(ies) Name: Matsushita Electric Industrial Co., Ltd.					
Makoto Horiuchi Makoto Kai Tsuyoshi Ichibakase Tomoyuki Seki	Internal Address:					
Additional name of conveying party(ies) attached? Yes No 3. Nature of conveyance: MR/> 12 5 02	Charact Address at 1000, One Market					
⊠ Assignment ☐ Merger	Street Address: 1006, Oaza Kadoma Kadoma-shi					
☐ Security Agreement ☐ Change of Name ☐ Other	City: Osaka State: Japan Zip: 571-8501					
Execution Date: November 29, 2002	Additional Name(s) & address(es) attached? ☐ Yes ☒ No					
A. Patent Application No.(s)	n, the execution date of the application is: November 29, 2002 B. Patent No.(s) ached? Yes No					
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1					
Name: Gregory A. Stobbs	7. Total fee (37 CFR 3.41) \$ 40.00					
Internal Address: <u>Harness. Dickey & Pierce. P.L.C.</u>	☑ Enclosed☐ Authorized to be charged to deposit account					
Street Address: P.O. Box 828	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.					
City: Bloomfield Hills State: MI Zip: 48303						
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. Gregory A. Stobbs						
	Signature Date					
Total number of pages including o	cover sheet, attachments, and documents: 3					
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231						

12/09/2002 MBELETE1 00000022 10310381

PATENT

REEL: 013554 FRAME: 0633

Attorney Docket No. 5077-000136

ASSIGNMENT

	W	HEKEAS,	Shinic	<u>eniro Hatauk</u>	A, Kiyosn	<u>i iakahashi,</u>	YULIKO KA	ANEKU
	Mak	oto HORI	UCHI,	Makoto KAI	, Tsuyoshi	ICHIBAKASE,	Tomoyuk	i SEKI
(her	einafte	designated	das the	undersigned) ha	as (have) inv LAMO AMI	ented certain new) LAMP UMIT	and useful i	mprovements
						for which the		
	(a)	filed an ap	plicatio			Inited States of A		
				havii	ng Serial No	·	·	; or
	(b)	executed indicated			ers Patent of	the United States	s of America	on the date(s)
WHEREAS,		Matsu	shita Electr	ic Industrial Co	Ltd.	of		
			100	06, Oaza Kado	ma, Kadom	a-shi, Osaka 571	l-8501, Japa	in
its h	eirs, su	ccessors, le	egal repr	resentatives and	l assigns (he	reinafter designat	ed as the Ass	ignee) is
desi	rous of	acquiring t	he entir	re right, title and	l interest in a	nd to said inventi	on and in an	d to any Letters
Pate	nt(s) th	at may be g	granted t	therefor in the L	Jnited States	of America;		

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

PATENT REEL: 013554 FRAME: 0634 The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	ovember	20,	2002	, Shinichiro Hataoka
				Shinichiro HATAOKA
Date:	Hovember	29 ,	2002.	Kiyashi Takahashi Kiyoshi TAKAHASHI
				V KIYOSIII TAKAHASHI
Date:	November	29,	2002	Yuriko Kaneko Yuriko KANEKO
				Yuriko KANEKO
Date:	Movember	29 ,	2002,	makote Hornich
				Makoto HORIUCHI
Date:	November	29,	2002,	maketi Kini
				Makoto KAI
Date:	November	29,	2002,	Tsuyoshi Ichilakasa Tsuyoshi ICHIBAKASE
				Tsuyoshi ICHIBAKASE
Date:	November	29 ,	2002,	<u>Jomoyuki Leki</u> Tomoyuki SEKI
				Tomoyuki SEKI
Date:			>	

RECORDED: 12/05/2002

PATENT REEL: 013554 FRAME: 0635