05-02-2002

Attorney Docket No. 5077-000103

IEET

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Form **PTO-1595** 

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002) 102075469 To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Takeshi Arakawa 4-26-02 Mitsuharu Kawasaki Name: Matsushita Electric Industrial Co., Ltd. Kiyoshi Hashimotodani Kenichiro Takahashi Internal Address: Additional name of conveying party(ies) attached? 

✓ Yes 

✓ No 3. Nature of conveyance: Street Address: 1006, Oaza Kadoma Merger Assignment Kadoma-shi Security Agreement Change of Name City: Osaka State: Japan Zip: 571-8501 Other Additional Name(s) & address(es) attached? ☐ Yes ☒ No Execution Date(s): April 19, 2002 10,133179 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: April 19, 2002 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 🔲 Yes 🛛 No 6. Total number of applications and/or patents involved: 1 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Gregory A. Stobbs 7. Total fee (37 CFR 3.41) . . . . . . \$ 40.00 Internal Address: Harness, Dickey & Pierce, P.L.C. Authorized to be charged to deposit account 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 Street Address: P.O. Box 828 copy of this sheet is enclosed. Zip: 48303 State: MI City: Bloomfield Hills DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing promation is true and correct and any attached copy is a true copy of the original document. 04/26/2002 Gregory A. Stobbs Date Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

## Attorney Docket No. 5077-000103

Form **PTO-1595** (Rev. 03/01)

## **RECORDATION FORM COVER SHEET**

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)  OMB No. 0651-0027 (exp. 5/31/2002)  PATENTS ONLY  U.S. Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.				
<ol> <li>Name of conveying party(ies): Koji Miyazaki Katsushi Seki Toshiaki Kurachi Kenji Itaya</li> <li>Additional name of conveying party(ies) attached? ☐ Yes ☑ No</li> </ol>	2. Name and address of receiving party(ies)  Name:  Internal Address:			
3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Other  Execution Date(s):	Street Address:  City: State: Zip:  Additional Name(s) & address(es) attached?  \[ \text{Yes} \] No			
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> <li>A. Patent Application No.(s)</li> </ol> Additional numbers atta	a, the execution date of the application is:  B. Patent No.(s)  ached?  Yes  No			
Name and address of party to whom correspondence concerning this document should be mailed:  Name:  Internal Address: Harness, Dickey & Pierce, P.L.C.	7. Total fee (37 CFR 3.41)			
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: Ml Zip: 48303				
DO NOT USE THIS SPACE				
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform is a true copy of the original document.	nation is true and correct and any attached copy			
Name of Person Signing	Signature Date			
Total number of nages including of	over sheet, attachments, and documents:			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

## ASSIGNMENT

	WHE	EREAS	, <u>Takeshi</u>	ARAKAWA,	Mitsuharu	KAWASAKI,	Kiyoshi
<u>HASH</u>	IMO]	<u> </u>	I, Kenichiro	TAKAHASHI, K	oji MIYAZAK	I, Katsushi SEK	<u>I, Toshiaki</u>
KURA	CHI,	Kenji I	<b>TAYA</b> (h	ereinafter designa	ted as the unde	ersigned) has (hav	e) invented
				vements in SEL			<u>)DELESS</u>
<b>DISC</b>	<u>HARO</u>	<u>GE LAI</u>	<u>MP AND EI</u>	<b>LECTRODELES</b>	<u>S DISCHAR</u>	GE LAMP	
for wh	ich the	e unders	igned has (ha	ve):			
	(a)	file	ed an applicati	on for Letters Pate		ed States of Ameri	
	(b) executed an application for Letters Patent of the United States of America on date(s) indicated below; and					erica on the	
	WH	EREAS	5,	Matsushita Electi	ric Industrial	Co., Ltd.	of
				ia, Kadoma-shi, C			
desiro	us of a	cessors,	legal represe	ntatives and assign ght, title and intere	s (hereinafter o	lesignated as the A dinvention and in	Assignee) is and to any

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: 012845 FRAME: 0442 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:	Ammil 10, 2002,	Jakeshi Hakawa
		Takeshi ARAKAWA <u>Mitsularu Xawasaki</u> Mitsuharu KAWASAKI
Date:	April 10, 00 12,	Kiyoshi Hashimotodan  Kiyoshi HASHIMOTODANI
Date:	Appil 10, 2702	KH <del>Kenichiro Takahashi</del> Kenichiro TAKAHASHI
Date:	.nwil 10, 2002	Koji MIYAZAKI
Date:	<u> </u>	<u>Katsushi Seki</u> Katsushi SEKI
Date:	,	
Date		

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

Date:	
	Takeshi ARAKAWA
Date:	Mitsuharu KAWASAKI
Date:	Kiyoshi HASHIMOTODANI
Date:	Kenichiro TAKAHASHI
Date:	Koji MIYAZAKI
Date:	Katsushi SEKI
Date: April 19, 2	Toshiaki Kurachi Toshiaki KURACHI
Date: April 19, 2	Kenji Staya  Kenji ITAYA

RECORDED: 04/26/2002

PATENT REEL: 012845 FRAME: 0444