FORM PTO-1519A Expires 06/30/99 OMB 0651-0027 05-21-2001



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Second Party				Execution Date Month Day Year				
Name (line 1)	Tetsuya TAHARA 9985356 4/27/01							
Name (line 2)	10-10-C1309, Nishiojicho, Kusatsu-shi, Shiga \$25-0037 Japan							
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Domestic Representative Name and Address Enter for the first Receiving Party only.								
Name	Michael K. Kelly							
Address (line 1)	SNELL & WILMER, LLP							
Address (line 2)	One Arizona Center							
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U.S. Department of Commerce

Expires 06/30/99 OMB 0651-0027		Page 2	Paten	t and Trademark Office PATENT
Correspondent Name	and Address Area	Code and Telephone N	lumber	602-382-6291
Name Michael K. Ke	lly			
Address (line 1) SNELL & WI	LMER, LLP			
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Application Number(s) or Patent Number(s)	Mark if additional	numbers attached
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Patent Cooperation Tr	reaty (PCT)	РСТ		PCT
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Number of Properties	Enter the total numb	er of properties involve	d. #	1
Fee Amount	Fee Amount for Pr	operties Listed (37 CFR	3.41): \$	40.00
Method of Payment Deposit Account (Enter for payment by de	Enclosed [Deposit Account	<u></u>	
	Deposit	t Account Number:	#	19-2814
***************************************	Authori	ization to charge additiona	al fees: Yes	✓ No
Statement and Signatu	ıre			
	knowledge and belief, the true copy of the original			-
Michael K. Kelly, Reg.	No. 32,848	melal S) Jul	<u> </u>	May 10, 2001
Name of Person S	Signing	Signature		Date

PATENT REEL: 011805 FRAME: 0964

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- 1. Hiroki NAKAGAWA; 1-4-6, Sho, Ibaraki-shi, Osaka 567-0806 Japan
- Tetsuya TAHARA; 10-10-C1309, Nishiojicho,
 Kusatsu-shi, Shiga 525-0037 Japan

have invented and owns a certain invention entitled:

FLUORESCENT LAMP LIGHTING APPARATUS

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadomashi, Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts

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PATENT REEL: 011805 FRAME: 0965 and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 27th day of April , 2001.

1. Miraki Rabagawa (Hiroki NAKAGAWA)

2. Jetunya Jahara
(Tetsuya TAHARA)

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