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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

R SHEET

	Aπorney Docket No.: 041846-5052	
To the Commissioner of Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1. Masaaki MUTO ////////////////////////////////////	Name: Stanley Electric Co., Ltd.	
Additional name(s) of conveying party(ies) attached? _ Yes X No	Internal Address:	
3. Nature of conveyance: X AssignmentMerger Characterist AgreementMerger	Street Address: 2-9-13, Nakameguro, Meguro-ku, Tokyo, 153-8636, Japan	
Security Agreement Change of Name Other	City: State: Zip:	
Execution Dates: August 27, 2001	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 execution A. Patent Application No.(s) 09/935,638 B. Patent Additional numbers attached: _Yes No		
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Robert J. Gaybrick Internal Address: Morgan, Lewis & Bockius LLP	7. Total fee (37 C.F.R §3.41):\$40.00 Enclosed Authorized to be charged to deposit account 50-0310	
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	8. Deposit account number: 50-0310 \$ Attach duplicate of page if paying by deposit account	
9. Statement and Signature	98.83	
original document.	tion is true and correct and any attached copy is atrue copy of the	
Reg. No. 40,411 Signature Total num	November 14, 2001 Date Date Date attachments and documents: 2	

ASSIGNMENT

WHEREAS We, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

MERCURY-FREE METAL HALIDE LAMP WITH CONTENTS AND ELECTRIC POWER CONTROL DEPENDING ON RESISTANCE PROPERTIES

for which WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Stanley Electric Co., Ltd., a corporation of Japan whose post office address is 2-9-13, Nakameguro, Meguro-ku, Tokyo, 153-8636, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in the United States, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any country and all Letters Patent which may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No.09/935,638, filed) the filing date and application number of said application when known. August 24, 2001

IN TESTIMONY WHEREOF WE have hereunto set our hands

	The state of the s	
FULL NAME OF FIRST INVENTOR	Masaaki MUTO	
RESIDENCE & CITIZENSHIP	1-10-15, Taira, Miyamae-ku, Kawasaki-shi, Kanagawa-ken, 216-0022, JAPAN	COUNTRY OF CITIZENSHIP Japan
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FIRST OR SOLE INVENTOR'S SIGNATURE Massachi Muto DATE August 27, 200		
Listing of Inventors Continued on attached page(s) [] Yes [*] No		

1-WA/1434102v1

RECORDED: 11/14/2001

Morgan, Lewis & Bockius LLP

PATENT REEL: 012307 FRAME: 0469