



To the Honorable Commissioner for Patent.

102277730

Attachments or copy thereof.

1. Name of conveying party(ies):  
 Matsushita Electric Works R&D Laboratory, Inc.  
 216 West Cummings Park  
 Woburn, MA 01801

Additional name(s) & address(es) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Matsushita Electric Works, Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1048, Kadoma

City: Osaka State: JAPAN ZIP: 571-8686

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: September 25, 2002

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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

5,777,431  
5,455,484  
5,500,574  
5,541,477

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jerry Cohen

Internal Address: Perkins, Smith & Cohen, LLP

Street Address: One Beacon Street

City: Boston State: MA ZIP: 02108

Additional name(s) & address(es) attached?  Yes  No

6. Total number of applications and patents involved: 11

7. Total fee (37 CFR § 3.41)..... \$440

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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.

Jerry Cohen, Reg. No. 20,522  
 Name of Person Signing

Signature

October 25, 2002  
 Date

Total number of pages including cover sheet, attachments and document 5

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U.S. Patent 5,592,052

U.S. Patent 5,717,284

U.S. Patent 5,990,624

U.S. Patent 5,637,965

U.S. Patent 5,690,421

U.S. Patent 5,834,904

**PATENT ASSIGNMENT**

Matsushita Electric Works R&D Laboratory, Inc., a Massachusetts corporation located at 216 West Cummings Park, Woburn, MA 01801, owner of the patents (collectively patent portfolio listed in Schedule A below and the corresponding U.S. patents and patent applications listed therein and goodwill associated therewith, confirms that it has assigned to Matsushita Electric Works, Ltd., a corporation of Japan, located at 1048, Kadoma, Osaka 571-8686, JAPAN ("Assignee"), and does for good and valuable consideration receipt of which is hereby acknowledged hereby assign, grant and convey to Assignee all of Assignor's right, title and interest in and to the said marks of Schedule A, said patents and applications of the inventions represented therein and the goodwill of the business symbolized by all of the said patents and patent applications. This Assignment includes the right to sue for past infringement of any of the assigned property, if any, and to collect damages therefor.

**MATSUSHITA ELECTRIC WORKS R&D LABORATORY, INC**

Assignor  
By: Jacob Maya  
Jacob Maya  
Title: Vice President

Date: Sept 25, 2002, 2002

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) ss.

Given before me the above date as the free act and deed of Matsushita Electric Works R&D Laboratory, Inc. by its above named officer, duly authorized.

Jeanne L. Nelson  
Notary Public  
MY COMMISSION EXPIRES OCTOBER 11, 2002

(SEAL)

My commission expires \_\_\_\_\_

**ACCEPTED:**

**MATSUSHITA ELECTRIC WORKS, LTD.,**  
Assignee

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: Sept 25, 2002

## SCHEDULE A

U.S. Patent 5,777,431  
Granted: July 7, 1998  
Application Serial No.: 08/291,887  
Filed: August 17, 1994  
For: SUBSTANTIALLY FLAT COMPACT FLUORESCENT LAMP

U.S. Patent Registration No. 5,455,484  
Granted: October 3, 1995  
Serial No: 307,897  
Filed: September 16, 1994  
For: MULTIPLE COMPACT FLUORESCENT LAMP ADAPTER

U.S. Patent Registration No. 5,500,574  
Granted: March 19, 1996  
Serial No.: 08/313,760  
Filed: September 28, 1994  
For: INDUCTIVELY COUPLED SUBSTANTIALLY FLAT  
FLUORESCENT LIGHT SOURCE

U.S. Patent No. 5,541,477  
Granted: July 30, 1996  
Serial No.: 08/346,744  
Filed: November 30, 1994  
For: SELF BALLASTED COMPACT FLUORESCENT LAMP

U.S. Patent Application  
Serial No. 08/356,869  
Filed: December 15, 1994  
For: INTEGRALLY BALLASTED LAMPS WITH VACUUM INSULATOR

U.S. Patent 5,592,052  
Date of Patent: January 7, 1997  
Application Serial No.: 08/490,078  
File Date: June 13, 1995

**For: VARIABLE COLOR TEMPERATURE FLUORESCENT LAMP**

**U.S. Patent Registration 5,717,284**

**Date of Patent: February 10, 1998**

**Application Serial No. 08/452,312**

**Filed: May 26, 1995**

**For: A METHOD OF MANUFACTURING SUBSTANTIALLY FLAT,  
COMPACT FLUORESCENT LAMP**

**U.S. Patent 5,990,624**

**Granted: November 23, 1999**

**Application Serial No: 08/533,444**

**Filed: September 25, 1995**

**For: IMPROVED COLOR SULFUR LAMP**

**U.S. Patent Registration No. 5,637,965**

**Granted: June 10, 1997**

**Application Serial No: 08/544,721**

**Filed: October 18, 1995**

**For: LOW PRESSURE SODIUM-MERCURY LAMP YIELDING  
SUBSTANTIALLY WHITE LIGHT**

**Re: U.S. Patent Registration 5,690,421**

**Granted: November 25, 1997**

**Serial No: 08/533,163**

**Filed: September 25, 1995**

**For: DISPLAY LIGHTING WITH MATCHED NARROW BAND FILTER  
AND LIGHT SOURCE**

**U.S. Patent 5,834,904,**

**Date of Patent 11/10/98**

**Application Serial No: 08/534,160**

**Filed: September 26, 1995**

**For: MEANS FOR SUPPRESSING ELECTROMAGNETIC INTERFERENCE  
FROM RF-EXCITED LIGHT SOURCES OR THE LIKE**