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FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE  
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ed original documents or copy thereof.

103255040

To the Honorable Director of

## 1. Name of Conveying party(ies):

HASHIMOTO, Takuma  
SUGIMOTO, Masaru  
YOKOTANI, Ryoji  
NISHIOKA, Koji  
IWAHORI, Yutaka  
ISHIZAKI, Shinya  
SUZUKI, Toshiyuki  
UCHINONO, Yoshiyuki  
MUTO, Masahide  
MORI, Satoshi  
KIMURA, Hideyoshi

## 2. Name and address of receiving party(ies)

Name: MATSUSHITA ELECTRIC WORKS, LTD.

Internal Address:

Street Address: 1048, Oaza-Kadoma, Kadoma-shi,

Osaka 571-8686 Japan

City: State: ZIP:

Additional names(s) and address(es) attached? \_\_ Yes X NoAdditional name(s) of conveying party(ies) attached? \_\_ Yes X No

## 3. Nature of conveyance:

X Assignment      Merger  
     Security Agreement      Change of Name  
     Other

Execution Date: November 8, 2005

## 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: November 8, 2005

## A. Patent Application No.(s)

12/05/2005 ATRAN1 00000038 10558360

## B. Patent No.(s)

05 FC:8021

(40.00 GP)

Additional numbers attached: \_\_ Yes X No

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

Name: Bruce H. Bernstein

Internal Address: P28811

Street Address: GREENBLUM &amp; BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41)

\$40.00

X Enclosed     Authorized to be charged to deposit account

## 8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Leslie J. Paperner

Reg. No. 33,329

Signature

Date

Total number of pages including cover sheet, attachments and document: 6

Mail documents to be recorded with required cover sheet information to:  
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Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

PATENT

REEL: 017975 FRAME: 0546

ASSIGNMENT

WHEREAS, Takuma HASHIMOTO, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Masaru SUGIMOTO, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Ryoji YOKOTANI, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Koji NISHIOKA, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Yutaka IWAHORI, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Shinya ISHIZAKI, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Toshiyuki SUZUKI, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Yoshiyuki UCHINONO, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Masahide MUTO, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and

Satoshi MORI, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan and

Hideyoshi KIMURA, a citizen of Japan, whose post office address is c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan,

hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to  
LIGHT-EMITTING DEVICE

for which they have, on the date indicated below, executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191-1411 to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, MATSUSHITA ELECTRIC WORKS, LTD., a corporation organized and existing under the laws of JAPAN, whose post-office address is 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date indicated below.

Witnessed by:

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>橋本拓磨</u>	<u>8/11/2005</u>
Name	Date	Takuma HASHIMOTO	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>杉本勝</u>	<u>8/11/2005</u>
Name	Date	Masaru SUGIMOTO	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>横谷良二</u>	<u>8/11/2005</u>
Name	Date	Ryoji YOKOTANI	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>西岡浩二</u>	<u>8/11/2005</u>
Name	Date	Koji NISHIOKA	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>岩城 裕太</u>	<u>8/11/2005</u>
Name	Date	Yutaka IWAHORI	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>石崎真也</u>	<u>8/11/2005</u>
Name	Date	Shinya ISHIZAKI	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>鈴木俊之</u>	<u>8/11/2005</u>
Name	Date	Toshiyuki SUZUKI	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>内野良幸</u>	<u>8/11/2005</u>
Name	Date	Yoshiyuki UCHINONO	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>武藤正英</u>	<u>8/11/2005</u>
Name	Date	Masahide MUTO	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

<u>Souichi Nakai</u>	<u>Nov. 8, 2005</u>	<u>森 哲</u>	<u>8/11/2005</u>
Name	Date	Satoshi MORI	Date

<u>Chikako Kubota</u>	<u>Nov. 8, 2005</u>
Name	Date

Souichi Nakai  
Name

Nov. 8, 2005  
Date

Hideyoshi KIMURA  
Hideyoshi KIMURA

8/11/2005  
Date

Chikako Kihata  
Name

Nov. 8, 2005  
Date