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HEET

ec'd PCT/PTO 16 APR 2010

To the Honorable Assistant Secretary and Com:

103595234

the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Yukata MAEDA  
Takeshi AKASAKA

Additional name(s) of conveying party(ies) attached? No

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

Name: JAPAN SCIENCE AND TECHNOLOGY  
AGENCYAddress: 1-8, Hon-cho 4-chome, Kawaguchi-shi,  
Saitama, Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: March 12, 2010

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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)  
12/452,579

B. Patent No.(s)

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Michael R. Davis, Esq.Street Address: 1030 15th Street, N.W., Suite 400 EastCity: Washington, State: DC ZIP: 20005-15036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00☐ Enclosed (Check No. \_\_\_\_\_)  
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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.

Michael R. Davis, Reg. No.25,134

Name of Person Signing

Signature

April 16, 2010

Date

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The USPTO is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17, and 1.492, which may be required by this paper to Deposit Account No. 23-0975.

PATENT

REEL: 024270 FRAME: 0125

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yutaka MAEDA

Insert Name(s)  
of Inventor(s)

Takeshi AKASAKA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

JAPAN SCIENCE AND TECHNOLOGY AGENCY

of 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama, Japan

Address

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of  
Invention

TRANSPARENT ELECTROCONDUCTIVE THIN FILM AND ITS PRODUCTION METHOD

Date of  
Signing of  
Application

for which an application for patent in the United States has been executed by the undersigned  
on March 12, 2010

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 continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15<sup>th</sup> Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordal of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 12, 2010

Yutaka Maeda

Yutaka MAEDA

Date March 12, 2010

Takeshi Akasaka

Takeshi AKASAKA

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

#### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named \_\_\_\_\_ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No.: 12/452,579

Filing Date: January 8, 2010

Applicant Reference Number: 08F018PCT/USO

Attorney Docket No.: 2009 2145A