

Form PTO-1595 (Rev. 06-12)
OMB No. 0651-0027 (exp. 04/30)

12/09/2014



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DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

SHEET

Y

To the Director of the U.S.

attached documents or the new address(es) below.

1. Name of conveying party(ies)

Masateru MATSUBARA

2. Name and address of receiving party(ies)

Name: NEC Display Solutions, Ltd.

Internal Address:

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 5, 2013

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other
- Merger
- Change of Name

Street Address: 4-28, Mita 1-chome, Minato-ku.

City: Tokyo

State:

Country: JAPAN

Zip: 108-0073

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

4. Application or patent number(s):

A. Patent Application No.(s)

14/004,131

This document serves as an Oath/Declaration (37 CFR 1.63).
B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sean M. McGinn, Esq.

Internal Address: McGinn Intellectual Property Law Group, PLLC

Street Address: 8321 Old Courthouse Road, Suite 200

City: Vienna

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Docket Number: FPA-2011-0041-NEC-PCT-US- HHa

Email Address: ADMIN @ MGINNIPLAW.COM

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title).

8. Payment Information

Charge \$40.00

Deposit Account Number 50-0481(deficiencies only)

Authorized User Name Sean M. McGinn

9. Signature:

Signature

Sean M. McGinn, Esq.

Name of Person Signing

September 11, 2013

12/09/2014 INVENTOR: 0850043 500461 14004131

01 FC:0021 40.00 DA
Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

9-11-13

ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS**NAME AND ADDRESS
OF ASSIGNORMasateru MATSUBARA
of c/o NEC Display Solutions, Ltd., 4-28, Mita 1-chome, Minato-ku,
Tokyo 108-0073 Japan(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and
own a certain new and useful invention entitled:

TITLE OF INVENTION:

Illumination Optical System and Projector Including Fluorophore

WHEREASFULL NAME AND ADDRESS
OF ASSIGNEENEC Display Solutions, Ltd.
of 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire
right, title, and 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 of ASSIGNEE to
ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is
hereby acknowledged, and for other good and valuable consideration,
ASSIGNOR, by these presents, hereby sells, assigns and transfers to
ASSIGNEE the entire 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 authorizes and requests the Commissioner of Patents
and Trademarks to issue said Letters Patent of the
United States Patent obtained therefor on said application or any
(Assignment of Application for Patent -- page 1 of 2)

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or 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 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.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 5th day of August, 2013

SIGNATURE

By: Masateru Matsubara
Masateru MATSUBARA

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

WITNESSES

Aruni Gemaslutu

[Signature]

(Assignment of Application for Patent - page 2 of 2)

PATENT