

10-06-14

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PATENTS ONLY

10/10/2014



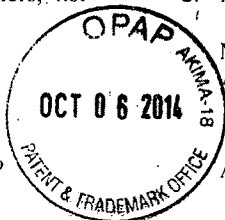
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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereon.

1. Name of conveying party(ies): (If multiple assignors, list numerically) 2. Name and address of receiving party(ies):

(1) Akio Yamada

Name: Advantest Corporation  
Address: 32-1, Asahi-cho 1-chome, Nerima-ku,  
Tokyo, 179-0071 Japan



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

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

4. Application number(s) or Patent number(s):

- Application(s) No. : 14/502,709  
Filing Date: September 30, 2014
- International Application No.:  
International Filing Date:
- Patent No.:  
Issue Date:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

September 19, 2014

Additional numbers attached? ( ) Yes (X) No

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

Name: Yasuo Muramatsu  
MURAMATSU & ASSOCIATES  
Internal Address: Suite 310  
Street Address: 114 Pacifica  
City: Irvine State: CA ZIP: 92618  
Attorney's Docket No.: OKAMOTO.062AUS

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Yasuo Muramatsu  
Name of Person Signing

Signature

9/30/2014  
Date

38,684  
Registration No.

Total number of pages including cover sheet, attachments and document: 2

10/14/2014 KNGUYEN1 00000010 14502709  
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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Alexandria, VA 22313-1450

Application No.:  
Filing Date:

PATENT  
Client Code: **OKAMOTO.062AUS**  
Page 1

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ASSIGNMENT

WHEREAS, I, inventor, Akio Yamada, a citizen of Japan, a resident of 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 Japan, have invented certain new and useful improvements in **CHARGED PARTICLE BEAM EXPOSURE APPARATUS AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE** an application for a letter of patent is filed with the United States Patent and Trademark Office concurrently herewith:

AND WHEREAS, Advantest Corporation (hereinafter "ASSIGNEE"), a Japanese corporation, with its principal place of business at 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 Japan, desire to acquire the entire right, title, and interest in and to the said improvements and the said application:

NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, I, the said inventor, do hereby acknowledge that We have sold, assigned, transferred and set over, and I do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 19th day of September, 2014

Akio Yamada  
Akio Yamada