11/09/2011



HEET

TO THE ASSISTANT COMMISSIONER

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riginal documents or copy thereof. 1. Name of conveying party(ies): (If multiple assignors, list 2. Name and address of receiving party(ies): numerically) Name: Advantest Corporation (1) Takayuki Nakamura Address: 32-1, Asahi-cho 1-chome, Nerima-ku, (2) Tsutomu Murakawa Tokyo, 179-0071 Japan Additional name(s) of conveying party(ies) attached? Additional name(s) of receiving party(ies) attached? () Yes No () Yes (X) No (X) Nature of conveyance: Application number(s) or Patent number(s): (X) Assignment (X) Application(s) No. : filed concurrently Filing Date: October 31, 2011 () Merger () Security Agreement International Application No.: () Change of Name International Filing Date: Other: Execution Date: (If multiple assignors, list execution dates in Patent No.: numerical order corresponding to numbers indicated in 1 above) Issue Date: September 20, 2011 Additional numbers attached? () Yes (X) No Total fee (37 CFR 3.41): \$40.00 5. Name and address of party to whom correspondence 7. concerning document should be mailed: (X) Enclosed Name: Yasuo Muramatsu Authorized to be charged to deposit account MURAMATSU & ASSOCIATES Internal Address: Suite 310 8. Deposit account number: Street Address: 114 Pacifica City: Irvine State: CA ZIP: 92618 Attorney's Docket No.: OKAMOTO.045AUS Please charge this account for any additional fees which may be required, or credit any overpayment to this account. Total number of applications and patents involved: 1 '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. 10/31/2011 Signature Yasuo Muramatsu Name of Person Signing 38,684 Registration No. Total number of pages including cover sheet, attachments and document: 2 11/09/2011 TLEE11 00000003 13317860 40.00.00 Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments

Alexandria, VA 22313-1450

TRS-OK45.ASN 103111

Application	No.:
Filing Date:	

Client Code: OKAMOTO. 045 AUS

ASSIGNMENT

WHEREAS, We, inventors, Takayuki Nakamura, a citizen of Japan, a resident of 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 Japan, and Tsutomu Murakawa, 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

PATTERN INSPECTION APPARATUS AND PATTERN INSPECTION METHOD

an application for a letter of patent is filed with the United States Patent and Trademark Office concurrently herewith:

AND WHEREAS, Advantest Corporation (hereinafter "ASSIGNEES"), 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 ASSIGNEES, 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 ASSIGNEES, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that We will communicate to the said ASSIGNEES, 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 ASSIGNEES, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 20 day of September 201/	J. Nahamura	
This say of september 17	Takayuki Nakamura	
This 20 day of September 201	7. Murakawa	
This cuty of 201	Tsutomu Murakawa	

PATENT REEL: 027316 FRAME: 0206

RECORDED: 10/31/2011