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TO THE ASSISTANT COMMISSIONER FOR I

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uments or copy thereof.

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

- (1) Norio Arakawa  
(2) Hiroyuki Konno

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

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

**Name:** ADVANTEST CORPORATION  
**Address:** NS Building, 4-1 Nishi-Shinjuku 2-chome,  
Shinjuku-ku Tokyo, Japan

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

3. Nature of conveyance:

- (X) Assignment  
( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

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

- (1) August 21, 1998  
(2) August 21, 1998

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

( ) Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/109,344  
Filing Date: June 30, 1998

( ) Patent No.:  
Issue Date:

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:** Second Floor  
**Street Address:** 7700 Irvine Center Drive, Suite 225  
**City:** Irvine **State:** CA **ZIP:** 92618  
**Attorney's Docket No.:** ADVA139.001AUS

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

- (X) 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

9/11/98  
Date

38,684  
Registration No.

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

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

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**PATENT**  
**REEL: 9489 FRAME: 0035**

MRD 9-15-98

ASSIGNMENT

WHEREAS, We, **Norio Arakawa**, a citizen of Japan, a resident of 1-32-1 Asahi-cho, Nerima-ku, Tokyo, 179 Japan, and **Hiroyuki Konno**, a citizen of Japan, a resident of 1-32-1 Asahi-cho, Nerima-ku, Tokyo, 179 Japan, have invented certain new and useful improvements in **HIGH SPEED FOURIER TRANSFORM APPARATUS** for which We filed an application for Letters Patent in the United States on June 30, 1998 with Application No. 09/109,344;

AND WHEREAS, **Advantest Corporation** (hereinafter "ASSIGNEE"), a Japanese corporation, with its principal place of business at NS Building, 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan, desires 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, We, the said inventors, do hereby acknowledge that We have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his 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 it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that We will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to us 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, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 21 day of Aug 1998

Norio Arakawa  
Norio Arakawa

This 21 day of Aug 1998

紺野裕幸  
Hiroyuki Konno

Masaji Kusama  
Witness

Akio Kishida  
Witness