PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Takeshi TAKAHASHI | 07/02/2007 |

RECEIVING PARTY DATA

| Name: | ADVANTEST CORPORATION | |
|-----------------|------------------------------|--|
| Street Address: | 1-32-1, Asahi-cho, Nerima-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 179-0071 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11762782 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 24648-US-187(CA) |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Belinda Lee |

Total Attachments: 1

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PATENT REEL: 019719 FRAME: 0209

500338144

. | 01-840-00

ASSIGNMENT OF US NON PROVISIONAL APPLICATION

Attorney Docket No. 24648-US-187 (CA)
Client Ref. 11280-USA-1
JP Atty. Ref. AD-0570PCTUS

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to me as an undersigned inventor, the receipt and sufficiency of which are hereby acknowledged who at the request of, hereby sells, assigns and transfers unto:

ADVANTEST CORPORATION 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 JAPAN

(hereinafter designated "ASSIGNEE") my entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

| CONVOLUTION OPERATION CIRCUIT | |
|-------------------------------|--|
| | |

for which I executed an inventor's declaration for Patent Application of the United States of America

- (A) peven date herewith
- (B) in US or International Appin. No. 11/762,782 filed on June 14, 2007

AND I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE (and any other assignee, if otherwise assigned), for its interest as ASSIGNEE, its successors, assigns and legal representatives; I agree that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND I hereby agree to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

I hereby authorize the US attorney of record to insert hereon any further identification necessary or desirable for recordation of this document.

発明者サイン INVENTORS DATE SIGNED 日付 WITNESS 発明者サインを目視した人(省略可) 高橋 毅 2=27/7/2 1): Takeshi TAKAHASHI Name: Name: 2): Name: Name: 3): Name: Name: 4): Name: Name: 5): Name: Name: 6): Name: Name: 7): Name: Name: 8): Name: Name: 9): \ame: Name:

PATENT REEL: 019719 FRAME: 0210

RECORDED: 08/21/2007