05-22-2003 Form PTO-1595 (modified) RI U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 To the Director of the U.S. Patent at 102454566 original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Graphtec Technology, Inc. Graphtec Corporation 503-10, Shinano-cho, Totsuka-ku Yokohama, Japan Additional name(s) of conveying party(ies) attached?

Yes
No 3 Nature of conveyance: [Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Execution Date: October 16, 2002 ☑ No Additional name(s) & address(es) attached? ☐ Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 6,112,630 Additional numbers attached? ☐ Yes ☑ No 5 Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC ☑ Enclosed. WASHINGTON OFFICE Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said PATENT TRADEMARK OFFICE Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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.

David J. Cushing

05/2112001 GTOW11

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Reg. No. 28,703

May 19, 2003

Date

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PATENT REEL: 014078 FRAME: 0607



GRAPHTEC TECHNOLOGY, INC.

Assignment

45 Parker Irvine,CA 92618

Phone: (714) 855-9407

Fax: (714) 855-8601

Whereas, Graphtec Technology, Inc., having its principal place of business at 14 Chrysler Street, Irvine, California, USA, hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in

United States Patent No. 6,112,630; and

Whereas, Graphtec Corporation, having its principal place of business at 503-10, Shinano-cho, Totsuka-

ku, Yokohama, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and

interest of the Assignor in the said U.S. Patent;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named

Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the

entire right, title and interest in the said U.S. Patent, and any reissues or re-examinations thereof, together with

all claims for damages by reason of past infringement of the said U.S. Patent with the right to Assignee to sue

for and collect the same for their own use and enjoyment.

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.

Assigner further covenants that upon request by the Assignee, Assignor will promptly provide to Assignee all pertinent facts and documents relating to the invention claimed in the said U.S. Patent and legal equivalents as may be known and accessible to Assignor, and will testify as to the same in any interference, litigation, or proceeding 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, issue and

enforce the said U.S. Patent which may be necessary by Assignee.

Graphtec Technology, Inc.

Date: 10-16-02

RECORDED: 05/19/2003

Name: T. Makimura

Title: President

<u>By.</u>

PATENT REEL: 014078 FRAME: 0608