01-19-2001 Atty Docket No.: 0039-6031-0X PCT FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 101588602
To the Honorable Commissioner of Patents and Tragemarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): NIPPON CARBON CO., LTD. Name: KABUSHIKI KAISHA TOSHIBA (50%)Address: 72, Horikawa-cho Saiwai-ku, Kawasaki-shi Additional name(s) of conveying party(ies) attack Kanagawa 210, JAPAN 3. Nature of Conveyance: ■ Assignment □ Merger ☐ Security Agreement □ Change of Name □ Other **Execution Date:** December 13, 2000 Additional name(s) and address(es) attached? □Yes ■No. 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) 08/793,613 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (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. Marvin J. Spivak Name of Person Signing Joseph A. Scaletta, Jr. 24,913 Registration Number: Registration No. 26.803 Total number of pages including this cover sheet:

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> PATENT REEL: 011432 FRAME: 0646

ASSIGNMENT

WHEREAS, NIPPON CARBON CO., LTD. of 6-1, Hatchobori 2-chome, Chuo-ku, Tokyo 104, Japan a corporation organized and existing under the laws of the Country of Japan is a joint owner with Kabushiki Kaisha Toshiba, by assignment, of the application for letters patent of the United States of America Serial No. 08/793,613, filed March 11, 1997; and

WHEREAS, KABUSHIKI KAISHA TOSHIBA of 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said application for letters patent and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, NIPPON CARBON CO., LTD. by these presents do sell, assign, and transfer unto said ASSIGNEE the entire right, title and interest for the territory of the United States of America in and to the aforesaid application for letters patent and the invention described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, substitutions and renewals thereof.

NIPPON CARBON CO., LTD. hereby authorizes and requests the Patent Office in the United States and its territorial possessions to issue any and all of said

PATENT REEL: 011432 FRAME: 0647 Letters Patent, when granted, to said ASSIGNEE as the assignee of its entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by NIPPON CARBON CO., LTD. had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, NIPPON CARBON CO., LTD., has caused these presents to be signed by its officer hereunto duly authorized.

NIPPON CARBON CO., LTD.

Date: December 13, 2000

RECORDED: 01/10/2001

By: Huoshi John Maray 1

Title: Managing Director

PATENT REEL: 011432 FRAME: 0648