

102819012 MODIFIED Form PTO-1595 RECO. U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office (Rev. 10/02) PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): **BRIDGESTONE CORPORATION** Taichi KOBAYASHI Hidefumi KOTSUBO 10-1, Kyobashi 1-chome Yoshinori IWABUCHI Chuo-ku, Tokyo 104-0031, Japan Mitsuhiro NISHIDA Yukihiro KUSANO Shingo OONO Masato YOSHIKAWA Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other ☑ No Execution Date: April 30, 2004 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: B. Patent No.(s) A. Patent Application No.(s) 10/491,568 Additional numbers attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence 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. 23373 The USPTO is directed and authorized to charge all required CUSTOMER NUMBER fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said 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. August 18, 2004 Reg. No. 32,607 n T. Callahan Date Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 08/20/2004 JJNLLAH2 00000039 10491568

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PATENT

REEL: 015690 FRAME: 0818

Assignment

Whereas, We, Taichi KOBAYASHI, Hidefumi KOTSUBO, Yoshinori IWABUCHI, Mitsuhiro NISHIDA, Shingo OONO and Masato YOSHIKAWA of 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531, Japan and Yukihiro KUSANO of Risoe National Laboratory, Optics and Plasma Research Department, Building 128, P.O. Box 49, DK-4000, Roskilde, Denmark (former address: 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531, Japan) hereinafter called assignor(s), have invented certain improvements in

"TRANSPARENT CONDUCTIVE FILM, PROCESS FOR THE PREPARATION THEREOF, AND TOUCH PANEL"
and executed an application for Letters Patent of the United States of America therefor on April 30, 2004; and
Whereas, BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number 10 491,568 and Confirmation number
, filed April 5, 2004) the filing date and application number of said application when known.
Date: April 30, 2004 Taichi Kobayashi

s/ Taichi KOBAYASHI

PATENT RECORDED: 08/18/2004 REEL: 015690 FRAME: 0819