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09-07-2004 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 102830909 riginal documents or copy thereof To the Honorable Commissioner of Pate 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Tetsuji Tokiwa Name: Asahi Kasei Chemicals Corporation Internal Address: Street Address: Asahi Kasei Chemicals Corporation Additional name(s) of conveying party(ies) x No Yes attached? 1-2, Yuraku-cho, 1-chome, Chiyoda-ku, Tokyo 3. Nature of Conveyance: 100-8440 Merger x Assignment **JAPAN** Security Agreement Change of Name City: Other 1 Zip: State: Additional name(s) & No March 16, 2004 **Execution Date:** address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: March 16, 2004 B. Patent No.(s): A. Patent Application No.(s): This application Additional numbers attached? Yes 6. Total number of applications and 5. Name and address of party to whom correspondence concerning document should be mailed: patents involved: Name: Charles E. Miller DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP | 7. Total fee (37 CFR 3.41) 40.00 Internal Address: Atty. Dkt.: N7419.0033 **Enclosed** Street Address: Authorized to be charged to deposit account 1177 Avenue of the Americas Authorized to be charged to credit card 41st Floor (Form 2038 enclosed) 8. Deposit account number: City: State: Zip: 50-2215 New York NY 10036-2714 (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. March 22, 2004 Edward A. Meilman Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

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PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

WHEREAS, I (We),Tetsuji TOKIWA, Of Chiba, Japan as assignor(s), have invented certain improvements infunctionalized_polyphenylene_ETHER
for which an application for United
States Letters Patent has been executed by us of even date herewith; and
WHEREAS, ASAHI KASEI CHEMICALS CORPORATION, 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8440 Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.
Date: March 16, 2004 Tetsuji Tokiwa Tetsuji TOKIWA
Date:
Date:

RECORDED: 03/22/2004

LEGALIZATION RECOMMENDED

PATENT REEL: 015750 FRAME: 0839