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1. Name of conveying party(ies): ARIFUKU, MOTOHIRO YASUDA, HIROSHI WATANABE, ITSUO KOBAYASHI, KOUJI TSUKAGOSHI, ISAO Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

11-14-02

2. Name and address of receiving party(ies) Name: HITACHI CHEMICAL CO., LTD. Address: 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan [ ] Other

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3. Nature of conveyance: [X] Assignment [ ] Security Agreement [ ] Other [ ] Merger [ ] Change of Name Execution Date: September 25, 2002.

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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: September 25, 2002. A. Patent Application No.(s)

B. Patent Registration No.(s) Additional number(s) attached [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA City: State: Zip:

6. Total number of applications and patents involved [1] 7. Total fee (37 CFR 3.41)..... \$40.00 [X] Enclosed [ ] Authorized to be charged to deposit account 8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)

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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. Alan E. Schiavelli, Reg# 32,087 November 14, 2002 Name of Person Signing Signature Date

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to HITACHI CHEMICAL CO., LTD. of 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

Method for repairing circuit connection part

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said assignee

\_\_\_\_\_, its successors, assigns or other legal representatives, 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 and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said assignee

- |  | (Full Name) | (Signature)              |
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