

08-13-2004



102813451

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof:

1. Name of Conveying Party or Parties:

- 1. Masaru Yoshida 2. Tetsuya Yamaki
- 3. Masaharu Asano 4. Yosuke Morita

8.604

Additional Names of conveying party or parties attached?

Yes No

2. Name and address of receiving party or parties:

Japan Atomic Energy Research Institute
 14-1, Suehiro-cho
 Kashiwa-shi, Chiba-ken
 JAPAN

Additional Name(s) and address(es) attached? Yes No

22581 U.S. PTO
 10/912286
 080604

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 21, 2004

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: July 21, 2004

A. Patent Application Number(s):

B. Patent Number(s):

Additional Numbers attached? Yes No

5. Name and address of party to whom correspondence concerning the document should be mailed:

William J. Fisher
 Banner & Witcoff, Ltd.
 1001 G Street, N.W., Suite 1100
 Washington, D.C. 20001-4597

6. Total Number of Applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account*
- Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:

19-0733

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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.

William J. Fisher, Reg. No. 32,133

Name of Person Signing

William J. Fisher

Signature

August 6, 2004

Date

Total Number of Pages including Cover Sheet: 2

08/12/2004 REGISTRATION 00000085 190733 10912286

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Masaru YOSHIDA, Tetsuya YAMAKI, Masaharu ASANO and Yosuke MORITA, subject(s) of Japan, by JAPAN ATOMIC ENERGY RESEARCH INSTITUTE a corporation organized under the laws of Japan, located at 14-1, Suehiro-cho, Kashiwa-shi, Chiba-ken, Japan Japan, receipt of which is hereby acknowledged, the said Masaru YOSHIDA, Tetsuya YAMAKI, Masaharu ASANO, Yosuke MORITA

hereby sell(s) and assign(s) to said JAPAN ATOMIC ENERGY RESEARCH INSTITUTE and their successors and assigns, all their (his) right(s), title and interest in and to a Letters Patent for the United States of America, in and for the invention of PROCESSES FOR PRODUCING NANO-SPACE CONTROLLED POLYMER ION-EXCHANGE MEMBRANES

invented by us (me) and described in the application for United States Letters Patent being filed concurrently herewith or executed separately herefrom, and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held and enjoyed by said JAPAN ATOMIC ENERGY RESEARCH INSTITUTE, their successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, a fully and entirely as the same would have been held and enjoyed by us (me) if this assignment and sale had not been made.

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

AND WE (I) hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said JAPAN ATOMIC ENERGY RESEARCH INSTITUTE.

Date July 21, 2004

M. Yoshida
* Masaru YOSHIDA

Date July 21, 2004

T. Yamaki
* Tetsuya YAMAKI

Date July 21, 2004

M. Asano
* Masaharu ASANO

Date July 21, 2004

Y. Morita
* Yosuke MORITA

WITNESSES:
Shigem Tanaka
Yasumi Maekawa