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FORM PTO-1595 (Modified) 07-06-2006 (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) atent and Trademark Office P08A/REV03 Tab settings → → 103269652 To the Director of the United States F the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): 6-72.06 Hiroshi MACHIDA Name: SHIN-ETSU CHEMICAL CO., LTD. 6-1, Ohtemachi 2-chome, Chiyoda-ku Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ■ Assignment Merger Change of Name City: Tokyo ____ State/Prov.: ☐ Security Agreement ☐ Other _ JAPAN Country: Execution Date: May 2, 2006 Additional name(s) & address(es) ☐ Yes XI No Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: May 2, 2006 Patent Application No. Filing date B. Patent No.(s) ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 3.41):.....\$ 40.00 Registration No. 34,386 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: McGinn Intellectual Property Law Group, PLLC Authorized to be charged to deposit account 8321 Old Courthouse Road, Suite 200 8. Deposit account number: 50-0481 (Deficiencies Only) City: Vienna State/Prov.: Virginia ZIP: 22182-3817 Country: USA (Attach duplicate copy of this page if paying by deposit account)

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.

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PATENT REEL: 018057 FRAME: 0160

ASSIGNMENT OF US NON PROVISIONAL APPLICATION

Attorney Docket No. <u>RYU_025</u> Client Ref. 2003-0245-US01, 研究テーマ客

JP Atty. Ref. SH-0064PCTUS

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to me as an undersigned inventor, the receipt and sufficiency of which are hereby acknowledged who at the request of, hereby sells, assigns and transfers unto:

Shin-Etsu Chemical Co., Ltd. 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan

(hereinafter designated "ASSIGNEE") my entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

METHOD OF MANUFACTURING POROUS GLASS BASE MATERIAL USED FOR OPTICAL FIBERS, AND GLASS BASE MATERIAL

for which I executed an inventor's declaration for Patent Application of the United States of America

- (A) even date herewith
- (B) in US or International Applin. No. PCT/JP2004/019644 filed on 2004.12.28

AND I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE (and any other assignee, if otherwise assigned), for its interest as ASSIGNEE, its successors, assigns and legal representatives; I agree that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND I hereby agree to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

I hereby authorize the US attorney of record to insert hereon any further identification necessary or desirable for recordation of this document.

WITNESS 発明者サインを目視した人(省略可) INVENTORS 発明者サイン DATE SIGNED 日付 1): Name: Hiroshi MACHIDA Name: Name: 3): Name: Name: 4): Name: Name: 5): Name: Name: 6): Name: Name: 7): Name: Name: 8): Name: Name: 9): Name: Name:

受信時刻 5月 2日 10時59分

PATENT REEL: 018057 FRAME: 0161

RECORDED: 06/22/2006