

06-21-2006

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Attorney Docket No. 396.46268X00

IAP12 Rec'd PCT/PTO 09 JUN 2006

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

1. Name of conveying party(ies):

Kiyoshi MIYASHITA
Masamichi KEZUKA, Tetsuro Yoshii, Ryohei OGAWA, Akihiro
HISHINUMA, Tsutomu SAKAI, Toyo YANOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: NIPPON SHEET GLASS CO., LTD.

Street Address: 1-7, Kaigan 2-chome
Minato-ku, Tokyo, Japan

City: State: Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No3. Nature of conveyance/ Execution Date: May 31, 2006, May 31,
2006, May 31, 2006, May 31, 2006, May 31, 2006, May 31, 2006, May
31, 2006☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other .4. Application number(s) or patent number(s):
application June 9, 2006.

A. Patent Application No.(s)

10/582509

☐ This document is being filed together with a new

B. Patent Registration No.(s)

06/16/2006 GFREY1 00000094 10582509

04 FC:8021

(40.00 DP)

Additional number(s) attached ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

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6. Total number of applications and patents involved 4

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

☒ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☒ Enclosed☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers:1107
Expiration date:06/10

b. Deposit account number: 01-2135

Authorized User Name: Paul J. Skwierawski

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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 I. Solomon, Reg#28,565

Name of Person Signing

Signature

06/09/2006

Date

Total number of pages including cover sheet, attachments, and document: 3

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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 NIPPPON SHEET GLASS COMPANY, LIMITED of 1-7, Kaigan 2-chome, Minato-ku, Tokyo, 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

METAL NANOCOLLOIDAL LIQUID, METHOD FOR PRODUCING METAL SUPPORT AND METAL SUPPORT

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 NIPPPON SHEET GLASS COMPANY, LIMITED, 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 NIPPPON SHEET GLASS COMPANY, LIMITED.

- | | Date | Inventor | (Full Name) | (Signature) |
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Witness(es)

All) _____ 2) _____ 4) _____

1) _____ 3) _____ 5) _____