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Substitute Form PTO-1595

ocket No.: 0089/024001  
JET

Commissioner of Patents and Trademarks: Please record the attached copies of an original document.

- 1. Name of conveying party(ies):  
Yuichi TAMAKI  
Kazuto SANADA  
Toshimasa NISHIYAMA  
  
Additional name(s) attached?  Yes  No
- 2. Name and address of receiving party(ies):  
Nippon Light Metal Co., Ltd.  
NYK Tennozu Building  
2-20 Higashi-Shinagawa 2-chome  
Shinagawa-ku, Tokyo, 140-8628 Japan  
  
Nikkeikin Aluminum Core Technology Co., Ltd.  
NYK Tennozu Building  
2-20 Higashi-Shinagawa 2-chome  
Shinagawa-ku, Tokyo, 140-8628 Japan  
  
Additional names/addresses attached?  Yes  No
- 3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other:  
  
Execution Dates: October 16, 2007
- 4. Application number(s) or patent number(s):  
If this document is being filed with a new application, the execution date of the application is: October 23, 2007  
A. Patent Application No.(s):  
B. Patent No.(s):  
  
Additional numbers attached?  Yes  No
- 5. Name/address of party to whom correspondence concerning document should be mailed:  
  
Randolph A. Smith  
SMITH PATENT OFFICE  
1901 Pennsylvania Ave., N.W.  
Suite 901  
Washington, D.C. 20006-3433
- 6. Total number of applications/patents involved: 1
- 7. Total fee (37 CFR 1.21(h) & 3.41): \$40  
 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: 1007  
Expiration Date: March 2008  
b) Please apply any additional charges, or any credits, to our Deposit Account No. 19-2586.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is a true copy of the original document.*

Randolph A. Smith  
Name of Person Signing

Signature  
App No. 32576

October 23, 2007  
Date

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

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48.88 DP

PATENT  
REEL: 020050 FRAME: 0400

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

- (1) Nippon Light Metal Co., Ltd.
- (2) Nikkeikin Aluminum Core Technology Co., Ltd.

having respective addresses:

- (1) NYK Tennozu Building, 2-20 Higashi-Shinagawa 2-chome  
Shinagawa-ku, Tokyo, 140-8628 Japan
- (2) NYK Tennozu Building, 2-20 Higashi-Shinagawa 2-chome  
Shinagawa-ku, Tokyo, 140-8628 Japan

(hereinafter collectively designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefore, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their 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 and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

### PRODUCTION METHOD FOR METAL MATRIX COMPOSITE MATERIAL

Attorney Docket No. 0089/024001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Application No.

Filing Date: October 23, 2007

1. The undersigned hereby agree(s) to sign and execute any further documents and 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, reviewed or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act that may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

3. The undersigned agree(s) to perform all affirmative acts that may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to Randolph A. Smith and Smith Patent Office the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

2007/10/16

Date

Yuichi Tamaki

Typed Name: Yuichi TAMAKI

2007/10/16

Date

Kazuto Sanada

Typed Name: Kazuto SANADA

2007/10/16

Date

Toshimasa Nishiyama

Typed Name: Toshimasa NISHIYAMA

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

17 Oct. 2007

Date

Kazuo Tsuchiya

Typed Name: Kazuo TSUCHIYA

18/10/2007

Date

Atsushi Inoue

Typed Name: Atsushi INOUE