

05-07-2003



To the Honorable Commissioner of Patents and T

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record the attached original documents or copy thereof

1. Name of conveying party(ies):

Hirohito Miyashita
Takeo Okabe

5-5-03

Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies)

Name: Nikko Materials Company, Limited

Internal Address: _____

Street Address: 10-1, Toranomom 2-chome

City: Minato-ku Tokyo, 105-8407 Country: Japan

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

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

Effective Date: November 20, 2002
November 20, 2002

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

10/297,265

Additional numbers attached: yes no

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

Name: William Bak, Esquire
Howson and Howson

Internal Address: _____

Street Address: Spring House Corporate Center,
Box 457

City: Spring House State: PA Zip: 19477

6. Total number of applications and Patents involved:..... 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

08-3040

(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.

William Bak
Name of Person Signing

William
Signature

April 30, 2003
Date

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

All documents to be recorded with required coversheet information to:
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PATENT TRADEMARK OFFICE

PATENT

REEL: 014026 FRAME: 0579

ASSIGNMENT

WHEREAS, **Hirohito Miyashita** and **Takeo Okabe**, hereinafter referred to as **ASSIGNORS**, have invented and are the owners of an invention entitled **SPUTTERING TARGET PRODUCING FEW PARTICLES**, said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been signed by **ASSIGNORS**; and

WHEREAS, **NIKKO MATERIALS COMPANY, LIMITED**, a Japanese corporation engaged in business at 10-1, Toranomom 2-chome, Minato-ku, Tokyo, 105-8407 Japan, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE, THIS IS TO WITNESS, that in consideration of the sum of One Dollar (\$1.00) paid to **ASSIGNORS** by **ASSIGNEE**, the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNORS** have sold, assigned and set over, and hereby does sell, assign and set over, unto **ASSIGNEE**, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any and all application for Letters Patent and Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And **ASSIGNORS** hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all Letters patent of the United States to **ASSIGNEE**, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of **ASSIGNEE**, its successors and assigns, **ASSIGNORS** will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as **ASSIGNEE**, its successors and assigns may elect, and vest the full title thereto in **ASSIGNEE**, its successors and assigns.

And **ASSIGNORS** hereby authorize and direct its attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this Assignment has been executed by us on the dates accompanying our signatures.

Hirohito Miyashita Nov. 20, 2002

Hirohito Miyashita

(Date)

Takeo Okabe Nov. 20, 2002

Takeo Okabe

(Date)

Application for United States Letters patent Serial Number 10/297,265
filed December 2, 2002 .

Howson & Howson
HOWSON AND HOWSON