

Attorney Docket No. 060284

05-04-2006

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Conveyance type: Assignment Security Agreement
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Conveying Party (ies): (Last, First, Middle Initial) Execution Date
 First party Name: YUKINOBU, Masaya March 22, 2006

Second party Name:
 Third party Name:

10/576881

Additional name(s) of conveying party(ies) attached? Yes ___ No

Receiving Party (ies):
 First party Name: SUMITOMO METAL MINING CO., LTD.
 Address: 5-11-3, Shinbashi, Minato-ku, Tokyo 105-8716 Japan

Second party Name:
 Address:

Additional name(s) & address(es) attached? Yes ___ No

Domestic Representative Name and Address

Armstrong, Kratz, Quintos, Hanson & Brooks, LLP
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 Washington, D.C. 20006
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Pages Enter the total number of pages of the attached conveyance document: 1
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes ___ No XX

A. Patent Application No.(s)

B. Patent No.(s)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: March 22, 2006

(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

PCT PCT/JP04/16054

Enter PCT application number only if

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Number of Properties Enter the total number of properties involved: 1

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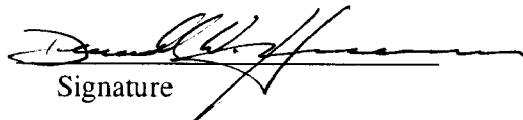
XX Enclosed

___ Authorized to be charged to Deposit Account No.: 01-2340

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.

Donald W. Hanson
Name of Person Signing


Signature

April 21, 2006
Date

27,133
Registration No.

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

SUMITOMO METAL MINING CO., LTD.

5-11-3, Shinbashi, Minato-ku, Tokyo 105-8716 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

**TRANSPARENT CONDUCTIVE MULTI-LAYER STRUCTURE,
PROCESS FOR ITS MANUFACTURE AND DEVICE MAKING USE OF
TRANSPARENT CONDUCTIVE MULTI-LAYER STRUCTURE**

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____, Serial No. _____.

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Masaya Yukinobu
(Signature)

Masaya YUKINOBU
(Type Name)

Mar. 22, 2006
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

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NO LEGALIZATION REQUIRED