

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| TAKAHIRO TAKANO | 10/20/2004 |
| RECEIVING PARTY DATA | |
| Name: | SUMITOMO METAL INDUSTRIES, LTD. |
| Street Address: | 5-33 KITAHAMA |
| Internal Address: | 4-CHOME |
| City: | CHUO-KU, OSAKA-SHI, OSAKA |
| State/Country: | JAPAN |
| Postal Code: | 541-0041 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 10924843 |
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| Total Attachments: 1 source=12014-28 Assignment#page1.tif | |

OP \$40.00 10924843

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Takahiro TAKANO

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

SUMITOMO METAL INDUSTRIES, LTD. of 5-33 Kitahama, 4-chome, Chuo-ku, Osaka-shi,
Osaka 541-0041, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Thread Protector for a Pipe

(a) for which an application for United States Letters Patent was filed on August 25, 2004
and identified by United States Serial No. 10/924,843; or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

I(We) hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document; CLARK & BRODY, 1750 K Street, NW, Suite 600, Washington, DC 20006.

SIGNED on the date(s) indicated aside my(our) signature(s):

INVENTOR

DATE SIGNED

1) Takahiro Takano
Name: Takahiro TAKANO

October 20, 2004

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