

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kazuchika Nasu	04/21/2009
Atsuhiko Maeta	04/21/2009
RECEIVING PARTY DATA	
Name:	Sumitomo Electric Hardmetal Corp.
Street Address:	1-1 Koyakita 1-chome
Internal Address:	Itami-shi
City:	Hyogo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12520338
CORRESPONDENCE DATA	
Fax Number:	(703)519-9958
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-519-9951
Email:	bstoeckel@dcpatent.com
Correspondent Name:	DITTHAVONG MORI & STEINER, P.C.
Address Line 1:	918 Prince St.
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	P2781US00
NAME OF SUBMITTER:	Arthur J. Steiner
Total Attachments: 1 source=107245-US-00_P2781US00_Assignment#page1.tif	

OP \$40.00 12520338

500890936

PATENT
REEL: 022850 FRAME: 0502

Attorney Docket No.:

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Kazuchika NASU and Atsuhiko MAETA, hereby sell, assign, and transfer to SUMITOMO ELECTRIC HARDMETAL CORP., a corporation of JAPAN, having a principal place of business at 1-1 Koyakita 1-chome, Itami-shi, Hyogo, JAPAN ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

THROW-AWAY DRILL AND TIP ARRANGEMENT METHOD FOR THE DRILL

- ☒ which has been executed by the undersigned concurrently herewith,
☐ which was filed on _____ and assigned Serial No. _____

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Apr. 21, 2009
 Date
 Apr. 21, 2009
 Date

Kazuchika Nasu
 Name: Kazuchika NASU
Atsuhiko Maeta
 Name: Atsuhiko MAETA