

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUSUKE MATSUDA	05/25/2018
TAISUKE HIGASHI	05/09/2018
SATORU KUKINO	05/09/2018
TAKASHI KANDA	05/16/2018
KATSUMI OKAMURA	05/11/2018
RECEIVING PARTY DATA	
Name:	SUMITOMO ELECTRIC HARDMETAL CORP.
Street Address:	1-1, KOYAKITA 1-CHOME
City:	ITAMI-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	664-0016
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16062739
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NAME OF SUBMITTER:	KAILIE R. MACKEVERICAN
SIGNATURE:	/Kailie R. MacKeverican/
DATE SIGNED:	06/15/2018
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
ASSIGNMENT

Application No. _____ Filed _____

Insert Name(s)
of Inventor(s)

➔ WHEREAS, (1)Yusuke MATSUDA, (2)Taisuke HIGASHI,

(3)Satoru KUKINO, (4)Takashi KANDA and (5)Katsumi OKAMURA

Insert Title
of Invention

➔ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
Cutting Tool

Insert Date of
Signing of
Application

➔ for which an application for Letters Patent of the United States of America has been executed by the
undersigned (except in the case of a provisional application).
➔ on May 9, May 11, May 16 and May 25, 2018 ; and

Insert Name
of Assignee

➔ WHEREAS, (1)SUMITOMO ELECTRIC HARDMETAL CORP. and

(2)Sumitomo Electric Industries, Ltd.

Insert Address
of Assignee

➔ of (1) 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan

(2) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan

CHECK BOX
IF APPROPRIATE

➔ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent(s) that may be granted therefor in the United States of America and
 in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in
hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration,
the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign
and transfer unto said Assignee the full and exclusive right to the said invention in the United States
of America, its territories, dependencies and possessions and the entire right, title and interest in and
to any and all Letters Patent(s) which may be granted therefor in the United States of America, its
territories, dependencies and possessions, and if the box above is designated, in any and all foreign
countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full
term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) 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.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Venable LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

- (1) Date May 25, 2018 , Name of Inventor *Yusuke Matsuda*
Yusuke MATSUDA
- (2) Date May 9, 2018 , Name of Inventor *Taisuke Higashi*
Taisuke HIGASHI
- (3) Date May 9, 2018 , Name of Inventor *Satoru Kukino*
Satoru KUKINO
- (4) Date May 16, 2018 , Name of Inventor *Takashi Kanda*
Takashi KANDA
- (5) Date May 11, 2018 , Name of Inventor *Katsumi Okamura*
Katsumi OKAMURA
- (6) Date _____ , Name of Inventor _____
- (7) Date _____ , Name of Inventor _____