505812141 12/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATORU KUKINO	11/26/2019
GAKU HARADA	11/25/2019
TAKASHI HARADA	11/26/2019
NAOKI WATANOBE	11/26/2019
SOICHIRO KAKINOKI	11/27/2019
KEITA MIYAMOTO	11/28/2019
HIRONARI MOROGUCHI	11/28/2019

RECEIVING PARTY DATA

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State/Country:	JAPAN	
Postal Code:	664-0016	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29716419

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	201917-0338-00-US-595311
NAME OF SUBMITTER:	PETER J. SISTARE
SIGNATURE:	/Peter J. Sistare/
DATE SIGNED:	12/10/2019

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 051228 FRAME: 0417

ATTORNEY DOCKET NO.:
SOLE/JOINT INVENTION
(U.S. Rights Only)
Page 1 of 4

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) – hereinafter referred to as Assignor(s) – have made an invention entitled:

CUTTING TOOL

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS, <u>SUMITOMO ELECTRIC HARDMETAL CORP.</u>, a corporation of <u>Japan</u>, whose post office address is <u>1-1</u>, <u>Koyakita 1-chome</u>, <u>Itami-shi</u>, <u>Hyogo 664-0016 Japan</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisionals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, and all rights to claim priority on the basis of such applications, make all rightful oaths or the like, and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s) in the appropriate space below.

DC01/3306284.1

ATTORNEY DOCKET NO.: SOLE/JOINT INVENTION (U.S. Rights Only) Page 2 of 4

出願データシート (連邦規則法典第37編規則1.76) を用いた 実用又は意匠出願のための、連邦規則法典第37編規則1.63の 宣言書として、下記に記名され、署名のある各発明者は、次 のように宣言する。	AS A DECLARATION UNDER 37 C.F.R. § 1.63, for a utility or design application using an Application Data Sheet (37 C.F.R. § 1.76), each below-named inventor for which a signature has been provided hereby declares that:
この宣言書は次に向けられたものである (次の2つの ボックスのうち1つにチェックを入れてください) :	This Declaration is directed to (please check one of the following two boxes):
添付された出願、又は に出願された に出願された	The attached application, or United States application or PCT international application number filed on
である米国出願若しくは PCT 国際出願。	filed on
上記の出願は、私によってなされたか、又は私によって なされるよう権限を与えられたものである。	The above-identified application was made or authorized to be made by me.
私は、この出願で請求されている発明の最初の発明者又は 最初の共同発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
私は、特許請求の範囲を含むこの出願の内容を検討し、且つ 理解した。	I have reviewed and understand the contents of the application, including the claims.
私は、連邦規則法典第37編規則1.56に規定されているように、特許性について私が知っているすべての重要な情報を 庁に開示する義務があることを知っている。	I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.
私は、この宣言書においてなされたいかなる故意による虚偽 の供述は、合衆国法典第 18 編第 1001 条の下、罰金若しくは 5 年以下の懲役又はその両方に処される事をここに認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
注記:もし前もって提出されていないのであれば、発明主体全員の 名前を挙げた出願データシート (PTO/AIA/14 又はそれに相当する もの)をこの用紙に添付しなければならない。	Note: An application data sheet (PTO/AIA/14 or equivalent) naming the entire inventive entity must accompany this form if not submitted previously
STATEMENT OF ACCURATE TRANSLATION UNDE	R 37 C.F.R. § 1.69(b):
To the best of my knowledge, the English-language translation	n provided in this document is an accurate translation.
Signature: Masahiro Noda	

DC01/3306284.1

ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION (U.S. Rights Only) Page 3 of 4

催一または第一発明者の法律上の氏名	LEGAL NAME OF SOLE/FIRST ASSIGNOR/INVENTOR
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1付:	Date: Vovember 20 2019
·····································	Signature: Satary Kukino
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目付:	May south as 3 to 3 to 10
署名:	Signature: <u>CYGKU Harada</u>
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러付:	Date: November 26,2019 Signature: 7. Harad
居名:	Signature: J. Janad
停四発明者の法律上の氏名	LEGAL NAME OF FOURTH ASSIGNOR/INVENTOR
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目付:	Date: November 26, 2019
署名:	Signature: Naoki Watanobe
当五発明者の法律上の氏名	LEGAL NAME OF FIFTH ASSIGNOR/INVENTOR
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1付:	Date: November 27, 2019 Signature: Sichiro Kakinoki
8名:	Signature: <u>Gidhiro Kalinoki</u>
第六発明者の法律上の氏名	LEGAL NAME OF SIXTH ASSIGNOR/INVENTOR
氏名:	Print Name: Keita MIYAMOTO
1付:	Date: November 28, 2019
	Signature: Kerty Mixamoro

DC01/3306284.1

ATTORNEY DOCKET NO.: SOLE/JOINT INVENTION (U.S. Rights Only) Page 4 of 4

第七発明者の法律上の氏名	LEGAL NAME OF SEVENTH ASSIGNOR/INVENTOR
氏名:	Down November 28 2019
月付:	
署名:	Signature: Hironan Mongaulii
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氏名:	Print Name:
目付;	Date
署名:	Signature:
第九発明者の法律上の氏名	LEGAL NAME OF NINTH ASSIGNOR/INVENTOR
氏名:	Print Name:
日付:	Date:
	Signature:
署名: 第十発明者の法律上の氏名	LEGAL NAME OF TENTH ASSIGNOR/INVENTOR
24 20 A Lは A M 地 下 A M A	LEGAL NAME OF TENTH ASSIGNORMA ENTOR
氏名:	Print Name:
日付:	Signature:
署名: 第十一発明者の法律上の氏名	LEGAL NAME OF ELEVENTH ASSIGNOR/INVENTOR
第十一 光明年の伝律上の八名	DEGAL MANUS OF ELLYBRITH ASSIGNMENTA BROOK
or to	Print Name:
氏名:	Date
目付;	Signature:
署名:	
発明者のリストは添付のページに続く: □ はい □ いいえ	Name(s) of additional Assignor(s)/Inventor(s) attached: Yes No

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RECORDED: 12/10/2019

PATENT REEL: 051228 FRAME: 0421