504199331 01/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4246007

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI OGAWA	01/18/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15329604

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NAME OF SUBMITTER:	KARL J. KOLBINGER	
SIGNATURE:	/Karl J. Kolbinger, Reg.# 41124/	
DATE SIGNED:	01/27/2017	

Total Attachments: 3

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PATENT REEL: 041099 FRAME: 0609 504199331

U.S. Patent Appl. No.: Not Assigned Yet

Filing Date: Concurrently herewith

Docket No.

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

1. Assignor: Hiroshi OGAWA
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Assignee: KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi-ku Kyoto-shi Kyoto 612-8501 JAPAN

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "DRILL AND METHOD OF MANUFACTURING MACHINED PRODUCT USING THE SAME" for which:

a non-provisional application for United States Letters Patent:

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Docket No.

U.S. Patent Appl. No.: Not Assigned Yet

Filing Date: Concurrently herewith

\boxtimes	was executed on even date preparatory to filing (each inventor should sign this
	Assignment on the same day as he/she signs the Declaration and Power of
	Attorney); or
	was filed on and accorded U.S. Serial No; or
\boxtimes	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizes and requests ASSIGNEE'S legal representatives, the attorneys
	associated with Customer No. 68029, to insert below in this document this
	APPLICATION's U.S. Serial Number and filing date, when known:
	U.S. Serial No.
	filed on

WHEREAS, ASSIGNEE (listed above), a corporation of <u>Japan</u> is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Page 2 of 3

U.S. Patent Appl. No.: Not Assigned Yet

Filing Date: Concurrently herewith

Docket No.

ASSIGNEE and its successors and assigns for their use and benefit and of their successors

and assigns as fully and entirely as the same would have been held and enjoyed by

ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S)

hereby authorize and request the Commissioner of Patents and Trademarks to issue all

letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

instruments and documents required for the making and prosecution of applications for

United States and foreign letters patent on said invention, for litigation regarding said letters

patent, or for the purpose of protecting title to said invention or letters patent therefore

Jan. 18.2017

Name 1⁵¹ Inventor: Hiroshi OGAWA

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RECORDED: 01/27/2017