502089688 10/10/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Maki HIRAYAMA	10/03/2012
Taku WATAKABE	10/03/2012
Kentaro OKUBO	10/03/2012

RECEIVING PARTY DATA

Name:	OILES CORPORATION	
Street Address:	6-34, Kounan 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	1080075	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13635869	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0-225

NAME OF SUBMITTER: James H. Walters

Total Attachments: 2

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PATENT

REEL: 029103 FRAME: 0793

ASSIGNMENT - PATENT APPLICATION

Whereas I/we, Maki HIRAYAMA of Fujisawa-shi, Kanagawa, Japan, postal address: c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa, 2520811; Taku WATAKABE of of Fujisawa-shi, Kanagawa, Japan, postal address: c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa, 2520811; and Kentaro OKUBO of of Fujisawa-shi, Kanagawa, Japan, postal address: c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa, 2520811, am/are inventor/co-inventor of a HIGH-STRENGTH BRASS ALLOY FOR SLIDING MEMBER, AND SLIDING MEMBER for which I/we have made application for United States Letters Patent under application serial number 13635869 under date of September 18, 2012, as national phase entry of PCT/JP2010/058667; and

Whereas OILES CORPORATION, 6-34, Kounan 1-chome, Minato-ku, Tokyo 1080075 JAPAN (hereinafter "Assignee") desires to acquire an interest therein and in the Letters Patent to be obtained therefor;

For good and valuable consideration, the receipt and sufficiency of which are acknowledged, I/we hereby assign and transfer to Assignee, for the territory of the United States of America, the entire right, title and interest in and to said improvements and in and to said application and any Letters Patent that may be granted therefor in the United States including any division, continuation, substitute, renewal or reissue of said application or said Letters Patent.

I/we hereby agree to communicate to Assignee any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce said Letters Patent, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon me/us and my/our heirs, successors and personal representatives, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

Assignment US Patent Application Page 1 of 2

PATENT REEL: 029103 FRAME: 0794

	I have	e hereunto set hand this date:
Oct. 3 20/2		
WITNESS:		INVENTOR:
		Maki HIRATAMA
		Maki HIRAYAMA
In togtimony who reaf	T borre	o boroupto got band this detail
Comper 3rd, 2012.	1 nave	e hereunto set hand this date:
Cooper of the		
WITNESS:		INVENTOR:
		Taku WATAKABE
	•	Taku WATAKABE
In testimony whereof,	I have	e hereunto set hand this date:
Oct 3 2012.		
WITNESS:		INVENTOR:
		keutan okubo
	-	Kentaro OKUBO

Assignment US Patent Application Page 2 of 2 $\,$

RECORDED: 10/10/2012

PATENT REEL: 029103 FRAME: 0795