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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroki HAREMAKI	02/20/2017
Hajime SAKURAI	05/16/2017

RECEIVING PARTY DATA

Name:	SUGINO MACHINE LIMITED
Street Address:	2410 HONGO
City:	UOZU CITY, TOYAMA PREFECTURE
State/Country:	JAPAN
Postal Code:	937-8511

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15597721

CORRESPONDENCE DATA

Fax Number: (703)836-2787

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	176654
NAME OF SUBMITTER:	VERN HYSLOP
SIGNATURE:	/Vern Hyslop/
DATE SIGNED:	05/17/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> PATENT REEL: 042413 FRAME: 0652 504372063

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

Insert	(1)	Hiroki HAREMAKI	(2)	Hajime SAKURAI	
Legal Name(s)	(3)		(4)		
of Inventor(s)	(5)	The second secon	(6)		
	(7)		(8)		
	the unde	rsigned, the receipt and sufficienc	y of which are he		
Insert Name of Assignee	(9)	SUGINO MACHINE LIMITED			
Insert Address of Assignee	(10)	2410 Hongo Uozu City T	oyama Prefec	ture 937-8511, Japan	
Income Identification	the entir invention continue and reex	e right, title and interest for the Un n, and in all applications for patent tion, international, substitute and r	ited States of An including any ar cissue application	nerica as defined in 35 U.S.C. § 100, in the nd all provisional, non-provisional, divisional, n(s), and all Letters Patent, extensions, reissues	
such as Title, Case	(11)	- Commence of the Commence of			
Application Number	(Attor	ney Dacket No.), l	filed on even date herewith or as	
Alternative	(12)	U.S. Application Number		V	
Identification for	~! I				
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a separate assignments in c 2) Each undersigned agree concerning any application of forward with such interfer 3) Each undersigned agree provisions of the Internation 4) Each undersigned agree ation a grant of a valid Unii 5) Each undersigned author from said application(s) to prest herein assigned, and the	onnection visito executa or patent for ence or posis to execute onal Converses to performed States porizes and rethe said Asiat he or shoor and Assi	with such applications and patents e all papers necessary in connection the invention and to cooperate steprant proceeding. e all papers and documents and pation for Protection of Industrial In all affirmative acts which may tatent to the Assignce. equests the Commissioner of the Isignce, as Assignce of the entire it e has not executed, and will not eignor's heirs, successors, assigns eignor's heirs, successors, assigns eignor's heirs, successors, assigns eignor's heirs, successors,	as the Assignee on with any infer with the Assigne arform any act we reporty or similar necessary to our J.S. Patent and Tanterest, and cover execute, any agree.	may deem necessary. rfcrence or post-grant proceeding which may be to in every way possible in obtaining evidence which may be necessary in connection with ar agreements, obtain, maintain or confirm by reissue or Frademark Office to issue any and all patents connects that he or she has full right to convey the ement(s) in conflict herewith, and agrees that intatives.	
	Legal Name(s) of Inventor(s) Insert Name of Assignee Insert Address of Assignee Insert Address of Assignee Insert Identification such as Title, Case Number, or Foreign Application Number Alternative Identification for filed applications 1) Each undersigned agree a separate assignments in ce 2) Each undersigned agree concerning any application forward with such interfer 3) Each undersigned agree provisions of the Internatic 4) Each undersigned agree provisions of the Internatic 5) Each undersigned agree ation a grant of a valid Unit 5) Each undersigned, and the internative binding on Assigned, and the internative binding on Assigned	Legal Name(s) (3) of Inventor(s) (5) (7) In consist the underession, assign, a lusert Name of Assignee Insert Address of Assignee (10) Insert Identification the entire invention continue and reex Insert Identification such as Title, Case Number, or Foreign Application Number (Attor Alternative (12) Identification for filed applications filed in Each undersigned agrees to execute a separate assignments in connection very Each undersigned agrees to execute the separate assignment on patent for forward with such interference or possible forward with such interference or possibl	Legal Name(s) (3) of Inventor(s) (5) (7) In consideration of the sum of one dollar (5) the undersigned, the receipt and sufficiency assign, and hereby does assign, transfer and fassignee (10) Insert Name of Assignee (9) SUGINO MACHINE LIMITED (10) (Invention, and in all applications for patent the entire right, title and interest for the Uninvention, and in all applications for patent continuation, international, substitute and reasonination certificates that may be (11) Insert Identification such as Title, Case Number, or Foreign Application Number (Attorney Docket No. Alternative (12) U.S. Application Number Identification for filed applications in connection with such applications and patents 2) Each undersigned agrees to execute all papers necessary in connection concerning any application or patent for the invention and to cooperate a signments in connection with such applications and patents 2) Each undersigned agrees to execute all papers necessary in connection concerning any application or patent for the invention and to cooperate a signment should be a separate assignments in connection concerning any application or patent for the invention and to cooperate a street undersigned agrees to execute all papers and documents and perovisions of the International Convention for Protection of Industrial F4) Each undersigned agrees to perform all affirmative acts which may be a supplication of a pant of a valid United States patent to the Assignee. S) Each undersigned authorizes and requests the Commissioner of the Inform said application(s) to the said Assignee, as Assignee of the entire interest herein assigned, and that he or she has not executed, and will not executed.	Legal Name(s) (3) (4) of Inventor(s) (5) (6) (7) (8) In consideration of the sum of one dollar (\$1.00) and other the undersigned, the receipt and sufficiency of which are he assign, and hereby does assign, transfer and set over to Insert Name of Assignee Insert Address of Assignee Insert Address of Assignee (Inereinafter designated as the Assignee) and Assignee's heithe entire right, title and interest for the United States of Arinvention, and in all applications for patent including any a continuation, international, substitute and reissue application such as Title, Case Number, or Foreign Application Number (Attorney Docket No.). Alternative (12) U.S. Application Number Identification for filed applications (12) U.S. Application Number (Attorney Docket No.). Alternative (12) U.S. Application and patents as the Assignee separate assignments in connection with such applications and patents as the Assignee forward with such interference or post-grant proceeding. 3) Each undersigned agrees to execute all papers necessary in connection with any interportation with such interference or post-grant proceeding. 3) Each undersigned agrees to execute all papers and documents and perform any act we provisions of the International Convention for Protection of Industrial Property or simil 4) Each undersigned agrees to perform all affirmative acts which may be necessary to cation a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and from said application(s) to the said Assignor's heirs, successors, assigns and legal representation in the reference of the entire interest, and covered the reference in the rest herein assigned, and that he or she has not executed, and will not execute, any agree	

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me,

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

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

Date	Feb. 20, 2017	Inventor Signature	Hiroki Haremaki	(Hiroki HAREMAKI)		
Date	MAY.16, 2017	Inventor Signature	Hajime Sakurai	_ (Hajime SAKURAI)		
Date	· · · · · · · · · · · · · · · · · · ·	Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)		
Date	· · · · · · · · · · · · · · · · · · ·	Inventor Signature		(SEAL)		
Date		Inventor Signature	Tokaman makin dina dina kandangan pangapat dalah di pandakan di dalah di sasara masa da	_ (SEAL)		
Date		Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)		
Date		Inventor Signature		_ (SEAL)		
Date	·	Inventor Signature	The second secon	(SEAL)		
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If either, then it should be signed before at least two witnesses who also sign here:						
Date	May 17,2017	Witness	hem	\leftarrow		
	May 17, 2017		福品品			