502533052 10/15/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2578368

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
<u> </u>			lame	Execution Date	\neg
KOUKI ITOYAMA				10/10/2013	7
FUMIO MIYAZAWA				10/10/2013	
RECEIVING PARTY I	DATA				
Name:	FUJIBO HOLI	FUJIBO HOLDINGS, INC.			
Street Address:	18-12, NIHON	18-12, NIHONBASHI NINGYO-CHO 1-CHOME			
City:	CHUO-KU, TO	СНИО-КИ, ТОКҮО			
State/Country:	JAPAN	JAPAN			
Postal Code:	1030013				-1 1
PROPERTY NUMBEI	RS Total: 1		Number		<u></u>
Property	RS Total: 1	141119	Number		<u> </u>
Property Application Number.	RS Total: 1	141119			
Property Application Number: CORRESPONDENCE	RS Total: 1 Type E DATA		962		
Property Application Number.	RS Total: 1 Type E DATA (703	141119 3)836-74 8366620	19		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email:	Type E DATA (703) 7038 robin	3)836-74 8366620 n.patters	19 oson@bipc.com		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will	RS Total: 1 Type E DATA (703 7038 robin	3)836-74 8366620 n.patters	19 son@bipc.com the email attempt is unsuccessful.		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will Correspondent Name	RS Total: 1 Type E DATA (703 7036 robin be sent via US Ma : BUC	3)836-74 8366620 n.patters ail when	19 con@bipc.com the email attempt is unsuccessful. I INGERSOLL & ROONEY PC		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will	Type E DATA (703 7038 robin be sent via US Ma E BUC P.O.	3)836-74 8366620 n.patters ail when CHANAN	19 con@bipc.com the email attempt is unsuccessful. I INGERSOLL & ROONEY PC		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will: Correspondent Name Address Line 1:	RS Total: 1 Type E DATA (703 7038 robin be sent via US Ma : BUC P.O. ALE	3)836-74 8366620 n.patters ail when CHANAN	19 Son@bipc.com the email attempt is unsuccessful. I INGERSOLL & ROONEY PC		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will: Correspondent Name Address Line 1: Address Line 4:	RS Total: 1 Type E DATA (703 7038 robin be sent via US Ma E BUC P.O. ALE	3)836-74 8366620 n.patters ail when CHANAN	19 con@bipc.com the email attempt is unsuccessful. I INGERSOLL & ROONEY PC 404 IA, VIRGINIA 22313-1404		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will: Correspondent Name Address Line 1: Address Line 4:	RS Total: 1 Type E DATA (703 7038 robin be sent via US Ma E BUC P.O. ALE	3)836-74 8366620 n.patters ail when CHANAN	19 Son@bipc.com The email attempt is unsuccessful. I INGERSOLL & ROONEY PC 404 IA, VIRGINIA 22313-1404 1018995-000927		

PATENT REEL: 031408 FRAME: 0803

source=Assignment#page1.tif source=Assignment#page2.tif

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Kouki ITOYAMA</u> and <u>Fumio MIYAZAWA</u>, residing at Odawara-shi, Kanagawa, Japan and Gotemba-shi, Shizuoka, Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth:

AND MANUFACTURING METHOD THEREFOR set forth in an application for Letters Patent of the United

WHEREAS, the Assignors have invented certain new and useful improvements in POLISHING PAD

States, which is a (a) provisional application (i) bearing Application No. ____, and filed on ____; (ii) to be filed herewith; or (b) \boxtimes non-provisional application bearing Application No. ___, and filed on ___; (i) (ii) \boxtimes having an oath or declaration executed on even date herewith prior to filing of application; (iii) having an oath or declaration executed on a different date than this Assignment:

WHEREAS, <u>FUJIBO HOLDINGS, INC.</u> a corporation duly organized under and pursuant to the laws of <u>Japan</u>, and having a principal place of business at <u>18-12</u>, <u>Nihonbashi Ningyo-cho 1-chome</u>, <u>Chuo-ku</u>, <u>Tokyo 1030013 Japan</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters

PATENT REEL: 031408 FRAME: 0804

Attorney Docket No.

Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

October 10, 2013	Louh) Stoyama
DATE	Kouki ITOYAMA
October 10, 2013	Kouki HOYAMA Fumio Miyazawa Fumio MIYAZAWA
DATE	Fumio MIYAZAWA
DATE	
	Management Management of the control
DATE	
DATE	
DATE	
DATE	
DATE	

PATENT REEL: 031408 FRAME: 0805

RECORDED: 10/15/2013