505589131 07/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIHITO ONO	08/23/2018
AKINARI ISHIBE	08/23/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16514574		

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ATTORNEY DOCKET NUMBER: 04492.0136FPC1

NAME OF SUBMITTER: MARK L. GLEASON

SIGNATURE: /Mark L. Gleason/

DATE SIGNED: 07/25/2019

Total Attachments: 1

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PATENT 505589131 REEL: 049858 FRAME: 0537

ASSIGNMENT

		(1)	Akihito ONO (5)	_
(1-8)	Insert	(2)	Akinari ISHIBE (6)	_
	Name(s) of Inventor(s)	(3)	(7)	_
		(4)	(8)	_
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to	
(9)	Insert Name of Assignee (9)		BROTHER KOGYO KABUSHIKI KAISHA	_
(10) Insert Address of Assignee		(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan	
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of Amer defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provision-provisional, divisional, continuation, substitute, and relssue application(s), and all Letters P extensions, relssues and reexamination certificates that may be granted on the invention known as	sional,
(11) Insert Identification (LIQUID CARTRIDGE PROVIDED WITH LIQUID SUPPLY PORTION HAVING GUIDE	_
	of Invention such as Title, Case		GROOVE	
Number, or Foreign Application Number			(Attorney Docket No.	_)
			for which the undersigned has (have) executed an application for patent in the United States of America	
(12)	Insert Date of Signing of Application	(12)	on Aug. 23, 2018	_
13) Alte Ide	Alternative	(13)	U.S. application Serial Number 16/514,574	_
	Identification for filed applications		filedJuly 17, 2019	_
	ions for the invention, a as the Assignees may	and an	e(s) to execute all papers necessary in connection with any application and any continuing, divisional or re by patent(s) issuing thereon, and also to execute separate assignments in connection with such application in necessary. He(s) to execute all papers necessary in connection with any interference which may be declared concerning	ns and

- application or continuation or division thereof, or any patent or reissue application based thereon, for the Invention, and to cooperate with the Assignee In every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict
- 6) The undersigned hereby grant(s) the firm of Merchant & Gould P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date	Aug.23, 2018	Name of Inventor	Akihito ONO	(SEAL)
Date	<u>Aug.</u> 23, 2018	Name of Inventor	Akinari Ishibe	(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of inventor		(SEAL)
Date		Name of Inventor		(SEAL)

PATENT REEL: 049858 FRAME: 0538

RECORDED: 07/25/2019