PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5715319

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETSUYA UENO	08/27/2019
ASAHI YAMATO	08/28/2019

RECEIVING PARTY DATA

Name:	SHARP KABUSHIKI KAISHA
Street Address:	1 TAKUMI-CHO, SAKAI-KU
City:	SAKAI CITY, OSAKA
State/Country:	JAPAN
Postal Code:	590-8522

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16493367

CORRESPONDENCE DATA

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

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Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	70404.4607/SH
NAME OF SUBMITTER:	MICHELLE RHODES
SIGNATURE:	/AMD/mr/
DATE SIGNED:	09/12/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT 505668512 REEL: 050355 FRAME: 0801

Attorney Docket No. 70404.

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

As a below named INVENTOR/ASSIGNOR, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number PCT/JP2017/012122
is directed to: United States application or PCT international application number PCT/JP2017/012122 filed on March 24, 2017 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56. WHEREAS, Sharp Kabushiki Kaisha
filed on March 24, 2017 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56. WHEREAS, Sharp Kabushiki Kaisha
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claims. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56. WHEREAS, Sharp Kabushiki Kaisha
WHEREAS, Sharp Kabushiki Kaisha
(hereinafter referred to as "ASSIGNEE") having places of business at: 1, Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan, is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.
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.
LEGAL NAME OF FIRST INVENTOR/ASSIGNOR
Inventor: Tetsuya UENO Date: 27/August /2019
Signature: Tetsuya UENO
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR
Inventor: Asahi YAMATO Date: 28/Angust/2019
Signature: Asahi Kamato

PATENT REEL: 050355 FRAME: 0802

RECORDED: 09/12/2019