505454856 05/01/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKURO MANO	04/25/2019

#### **RECEIVING PARTY DATA**

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State/Country:	JAPAN	
Postal Code:	143-8555	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16388868

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	SANDRA M. MILES
SIGNATURE:	/Sandra M. Miles/
DATE SIGNED:	05/01/2019

**Total Attachments: 2** 

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PATENT 505454856 REEL: 049048 FRAME: 0364

# **PATENT ASSIGNMENT**

#### PARTIES TO THE ASSIGNMENT

letters patent therefor.

ASSIGNOR(S): (Insert Inventor(s) name, city/state, country of Takuro MANO	residence) KANAGAWA, JAPAN
ASSIGNEE: (Insert Company or Assignee Name and Address)	Ricoh Company, Ltd.,
3-6, Nakamagome 1-Chome, Ohta-ku, Tokyo	), 143-8555, Japan
AGREEMENT	
Whereas, ASSIGNOR(S) listed above, are inventor	or(s) of an invention entitled: (Insert Title of Invention)
INFORMATION PROCESSING APPARATU METHOD, AND RECORDING MEDIUM	S, SYSTEM, DISPLAY CONTROL
Application No. 16/388,868 , filed April 19, 20	<u>19</u>
ASSIGNOR(S) hereby authorizes and requests AS associated with Customer No. <b>154930</b> , the power to insert capplication number and filing date, which may be necessary United States Patent and Trademark Office for recordation	y or desirable in order to comply with the rules of the
WHEREAS, Ricoh Company, Ltd.  title and interest in and to the Invention and in and to any le  States and in any and all foreign countries;	(ASSIGNEE), is desirous of acquiring the entire right, etters patent that may be granted therefor in the United
NOW, THEREFORE, in exchange for good and variation acknowledged, ASSIGNOR(S) hereby sell, assign and transfright, title and interest in and to said Invention and any impletters patent which may be granted for said Invention in the and in any and all foreign countries, and in any and all provecontinuations thereof, including the right to file foreign appriority rights deriving from said application to which said convention, treaty or otherwise, said invention, application enjoyed by ASSIGNEE and its successors and assigns for the fully and entirely as the same would have been held and enjand sale not been made, ASSIGNOR(S) hereby authorize at to issue all letters patent on said Invention to ASSIGNEE.	rovements thereto, said Application and any and all e United States of America and its territorial possessions visional, divisions, reissues, re-examinations and elications directly in the name of ASSIGNEE and to claim foreign applications are entitled by virtue of international and all letters patent on said Invention to be held and heir use and benefit and of their successors and assigns as joyed by ASSIGNOR(S) had this assignment, transfer nd request the Commissioner of Patents and Trademarks

documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or

PATENT REEL: 049048 FRAME: 0365 AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance,

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent document relating to the application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection, with the application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in the United States, its territories, and all foreign countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

Tapuro Mano	Date: April 25, 2019
(Signature of Inventor) Takuro MANO	
(Signature of Inventor)	Date:
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(Signature of Inventor)	
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