

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4815473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RICOH COMPANY, LTD.	01/30/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	RICOH ELECTRONIC DEVICES CO., LTD.	
<b>Street Address:</b>	13-1, HIMEMURO-CHO, IKEDA-SHI	
<b>City:</b>	OSAKA	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	563-8501	
<b>PROPERTY NUMBERS Total: 5</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	6600305	
<b>Patent Number:</b>	6558859	
<b>Patent Number:</b>	6768289	
<b>Patent Number:</b>	7245153	
<b>Patent Number:</b>	8043928	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(312)419-9440	
<i>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.</i>		
<b>Phone:</b>	312 380 6497	
<b>Email:</b>	sradu@denmeyer-law.com	
<b>Correspondent Name:</b>	ROXANA A. SULLIVAN	
<b>Address Line 1:</b>	2 NORTH RIVERSIDE PLAZA, SUITE 1500	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606	
<b>ATTORNEY DOCKET NUMBER:</b>	30100-103939PT	
<b>NAME OF SUBMITTER:</b>	ROXANA A. SULLIVAN	
<b>SIGNATURE:</b>	/ras/	
<b>DATE SIGNED:</b>	02/08/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>		

source=US\_AD#page1.tif

source=US\_AD#page2.tif

## ASSIGNMENT OF PATENT

U.S. Patent Nos.: As mentioned in the attached Schedule A

For good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, **Ricoh Company, Ltd.**, company organized under the laws of Japan, having an address at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan (Assignor), hereby sells, assigns, transfers and sets over to **Ricoh Electronic Devices Co., Ltd.**, a company organized under the laws of Japan, having an address at 13-1, Himemuro-cho, Ikeda-shi, Osaka 563-8501, Japan (Assignee) and to the successors and assigns of Assignee, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Patent Nos.: in the attached Schedule A; THEREOF, and in said patents and any and all other applications, both United States and foreign, which the undersigned may have filed and/or may file, either solely or jointly with others, on said inventions or improvements in any United States or foreign patent application claiming priority from, or claiming the same or improved invention as, any or all of the applications upon which said U.S. Patents issued, and in any and all Letters Patent or industrial models of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents, for the full term or terms for which said Patent, Patents or Industrial Design are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made; together with all claims for damages by reason of past infringement of any or all of said Patents with the right to sue for and collect the same.

Assignor warrants itself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interests herein assigned. Assignor hereby covenants that no other assignment, sale, agreement or encumbrance will be made or entered into which would conflict with this sale and assignment.

Assignor further covenants that Assignee will, upon its request and at the expense of Assignee, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to Assignor and will testify or cause appropriate persons to testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute or have executed, to the best of its ability, and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce any and all of said applications, said inventions and said letters patent and foreign equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**Ricoh Company, Ltd.**

January 30, 2018  
Date

Kaoru Ikeya

By: Kaoru Ikeya – General Manager

# **SCHEDULE A**

Country	Kind	Application No.	Application Date	Registration No.	Registration Date
United States	patent	10/179205	6/26/2002	6600305	7/29/2003
United States	patent	09/851096	5/09/2001	6558859	5/06/2003
United States	patent	10/392886	3/21/2003	6768289	7/27/2004
United States	patent	11/234005	9/23/2005	7245153	7/17/2007
United States	patent	12/703405	2/10/2010	8043928	10/25/2011