### PATENT ASSIGNMENT COVER SHEET

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

#### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>YUTAKA YAGIURA</td>
<td>11/07/2016</td>
</tr>
</tbody>
</table>

#### RECEIVING PARTY DATA

| Name                | RICOH COMPANY, LTD.  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>3-6, NAKAMAGOME 1-CHOME, OHTA-KU</td>
</tr>
<tr>
<td>City</td>
<td>TOKYO</td>
</tr>
<tr>
<td>State/Country</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>143-8555</td>
</tr>
</tbody>
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#### PROPERTY NUMBERS Total: 1

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>15345466</td>
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#### CORRESPONDENCE DATA

- **Fax Number:** (303)786-7691  
  
  *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.*

- **Email:** mail@dbflaw.com  
- **Correspondent Name:** DUFT BORNSEN & FETTIG LLP  
- **Address Line 1:** 1526 SPRUCE ST, #302  
- **Address Line 4:** BOULDER, COLORADO 80302

#### ATTORNEY DOCKET NUMBER:  
**FN201604680**

#### NAME OF SUBMITTER:  
**BRETT BORNSEN**

#### SIGNATURE:  
/BRETT BORNSEN/

#### DATE SIGNED:  
11/07/2016

**Total Attachments:** 1  
source=FN201604680-US-ASSIGNMENT#page1.tif
ASSIGNMENT

WHEREAS, I/we, Yutaka YAGIURA of Kanagawa, Japan;
have invented certain improvements in

"INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING SYSTEM"

and have executed a United States patent application therefore;

AND WHEREAS, Ricoh Company, Ltd., a corporation organized under the laws of
Japan, having an address at 3-6 Nakamagome, 1-chome, Ohta-ku, Tokyo 143-8555,
Japan, is desirous of acquiring the entire right, title and interest in the
said application including any continuations, continuations-in-part,
divisions, reissues, re-examinations or extensions thereof, and in and to
any and all patents of the United States and foreign countries which may be
issued for said invention;

NOW THEREFORE, for good and valuable consideration, receipt for and
sufficiency of which is hereby acknowledged, I, an above named inventor,
hereby sell, assign, transfer, and set over unto Ricoh Company, Ltd., its
legal representatives, successors and assigns, the entire right, title and
interest in and to said invention as set forth in the above-mentioned
application, including any continuations, continuations-in-part, divisions,
reissues, re-examinations or extensions thereof, and in and to any and all
patents of the United States and foreign countries which may be issued for
said invention;

UPON SAID CONSIDERATIONS, I hereby agree with Ricoh Company, Ltd. that I
will not execute and writing or do any act whatsoever conflicting with these
presents, and that I will, at any time upon request, without further or
additional consideration but at the expense of said Ricoh Company, Ltd.,
execute such additional assignments and other writings and do such
additional acts as said Ricoh Company, Ltd. may deem necessary or desirable
to perfect Ricoh Company, Ltd. enjoyment of this grant, and render all
necessary assistance in making application for and obtaining original,
divisional, continuation, continuations-in-part, re-examination, reissued,
or extended Letter Patent of the United States or any and all foreign
countries on said invention, and in enforcing any rights or choses in action
accruing as a result of such applications or patents, and by executing
preliminary statements and other affidavits, it being understood that the
foregoing covenant and agreement shall bind, and inure to the benefit of the
assigns and legal representative of assignor and Ricoh Company, Ltd.;

AND I request the Commissioner of Patents and Trademarks to issue any Letter
Patent of the United States which may be issued for said invention to Ricoh
Company, Ltd., its legal representatives, successors or assigns, as the sole
owners of the entire right, title and interest in and to said patent and the
invention covered thereby.

Signed

(1) Yutaka Yagiura

on Nov. 7, 2016, Yutaka YAGIURA

INVENTOR

RECORDED: 11/07/2016