

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles D. Johnson</td> <td>02/20/2012</td> </tr> <tr> <td>Kenneth S. Shouldice</td> <td>02/20/2012</td> </tr> <tr> <td>David Ward</td> <td>02/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Charles D. Johnson	02/20/2012	Kenneth S. Shouldice	02/20/2012	David Ward	02/20/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>RICOH COMPANY, LTD.</td> </tr> <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> </table>		Name:	RICOH COMPANY, LTD.	Street Address:	3-6, Nakamagome 1-Chome, Ohta-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	143-8555
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CORRESPONDENCE DATA											
<p>Fax Number: (303)786-7691 Phone: 303-786-7687 Email: mnguyen@dbflaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Daniel N. Fishman Address Line 1: 1526 Spruce Street Address Line 4: Boulder, COLORADO 80302</p>											
ATTORNEY DOCKET NUMBER:	4-047_FN201110053										
NAME OF SUBMITTER:	Brett Borsen										
Total Attachments: 2 source=51011-027Assignment#page1.tif source=51011-027Assignment#page2.tif											

OP \$40.00 13406260

A S S I G N M E N T

Docket No. 4-047_FN201110053

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WHEREAS, I/we Charles D. Johnson of Boulder, CO; Kenneth S. Shouldice of Firestone, CO; David Ward of Broomfield, CO

have invented certain improvements in

"UTILIZING VIRTUALLY STORED MEDIA SNAPSHOTS FOR RASTERIZING PRINT JOBS"

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) Charles D. Johnson SIGNATURE
on 2/20, 2012, Charles D. Johnson INVENTOR

(2) Kenneth S. Shouldice SIGNATURE
on 2/20, 2012, Kenneth S. Shouldice INVENTOR

(3) David Ward SIGNATURE
on 2/20, 2012, David Ward INVENTOR