

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>Richard Bell</td> <td>06/29/2013</td> </tr> <tr> <td>Carl R Bildstein</td> <td>07/02/2013</td> </tr> <tr> <td>Stuart J. Boland</td> <td>07/01/2013</td> </tr> <tr> <td>Scott R. Johnson</td> <td>07/01/2013</td> </tr> <tr> <td>Casey E. Walker</td> <td>07/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard Bell	06/29/2013	Carl R Bildstein	07/02/2013	Stuart J. Boland	07/01/2013	Scott R. Johnson	07/01/2013	Casey E. Walker	07/01/2013
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Scott R. Johnson	07/01/2013												
Casey E. Walker	07/01/2013												
RECEIVING PARTY DATA													
Name:	RICOH COMPANY, LTD.												
Street Address:	3-6, Nakamagome 1-Chome, Ohta-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	143-8555												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13933582</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13933582								
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CORRESPONDENCE DATA													
Fax Number:	3037867691												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	303-786-7687												
Email:	mnguyen@dbflaw.com												
Correspondent Name:	Duft Bornsen & Fettig LLP												
Address Line 1:	1526 Spruce Street												
Address Line 4:	Boulder, COLORADO 80302												
ATTORNEY DOCKET NUMBER:	4-097_FN201304926												
NAME OF SUBMITTER:	Brett Bornsen												
Signature:	/Brett Bornsen/												

OP \$40.00 13933582

Date:

07/02/2013

Total Attachments: 4

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A S S I G N M E N T

Docket No. 4-097_FN201304926

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WHEREAS, I/we Richard Bell of Longmont, CO; Carl R Bildstein of Lafayette, CO; Stuart J. Boland of Denver, CO; Scott R. Johnson of Erie, CO; Casey E. Walker of Boulder, CO

have invented certain improvements in

"ALIGNMENT OF PRINTHEADS IN PRINTING SYSTEMS"

and have executed a United States patent application therefore;

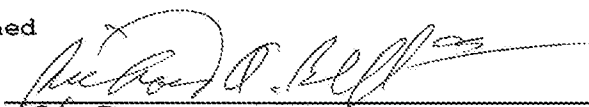
AND WHEREAS, RICOH COMPANY, LTD., a corporation organized under the laws of Japan, having an address at 3-6 Nakamagome, 1-chome, Ohta-ku, Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in the said application including any continuations, continuations-in-part, divisions, 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)  _____ SIGNATURE
on 6/29, 2013, Richard Bell INVENTOR
- (2) _____ SIGNATURE
on _____, 2013, Carl RBildstein INVENTOR
- (3) _____ SIGNATURE
on _____, 2013, Stuart J. Boland INVENTOR
- (4) _____ SIGNATURE
on _____, 2013, Scott R. Johnson INVENTOR
- (5) _____ SIGNATURE
on _____, 2013, Casey E. Walker INVENTOR

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Signed

(1) _____ SIGNATURE
on _____, 2013, Richard Bell INVENTOR

(2) Carl R Bildstein SIGNATURE
on 7/2, 2013, Carl R Bildstein INVENTOR

(3) [Signature] SIGNATURE
on 7/1, 2013, Stuart J. Boland INVENTOR

(4) Scott R Johnson SIGNATURE
on 7/1, 2013, Scott R. Johnson INVENTOR

(5) [Signature] SIGNATURE
on 7/1, 2013, Casey E. Walker INVENTOR