

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
SEQUENCE:	123		
CONVEYING PARTY DATA			
Name			Execution Date
RR DONNELLEY & SONS COMPANY			04/14/2015
RECEIVING PARTY DATA			
Name:	RASTER PRINTING INNOVATIONS, LLC		
Street Address:	111 WEST JACKSON ST.		
Internal Address:	SUITE 1700		
City:	CHICAGO		
State/Country:	ILLINOIS		
Postal Code:	60604		
PROPERTY NUMBERS Total: 3			
Property Type	Number		
Patent Number:	5796411		
Patent Number:	5949438		
Patent Number:	5828814		
CORRESPONDENCE DATA			
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<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>			
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NAME OF SUBMITTER:	/BRIAN LYNCH/		
SIGNATURE:	/Brian Lynch/		
DATE SIGNED:	04/23/2015		
Total Attachments: 3			
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*Exhibit B***EXECUTED ASSIGNMENT**

THIS PATENT ASSIGNMENT AGREEMENT (the "**Agreement**"), is made and entered into this 4th day of April, 2015 (the "**Effective Date**"), by and between RR Donnelley & Sons Company, a Delaware corporation ("**Assignor**") and Raster Printing Innovations, LLC, an Illinois limited liability company ("**Assignee**") (each a "**Party**" and collectively the "**Parties**").

WHEREAS, Assignor is the owner of all rights, title and interest in and to the United States patents listed on Schedule A (the "**Patents**");

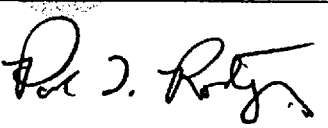
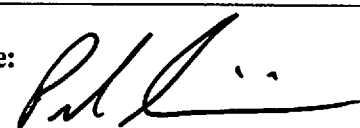
WHEREAS, Assignor and Assignee have agreed by a Patent Purchase Agreement (the "**Purchase Agreement**") dated April 4, 2015, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, that Assignor shall sell, transfer, assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Agreement;

NOW, THEREFORE, in consideration of the mutual covenants and agreements of the Parties and pursuant to the Purchase Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed as follows:

I. **ASSIGNMENT**

1. Assignor hereby sells, transfers, assigns and sets over to Assignee all rights, title and interest (for all countries) in and to the Patents, and all the rights and privileges under any letters patent that may be granted under any continuations, divisions, reissues, reexaminations, renewals and extensions therefor and thereon and all continuations, divisions, reissues, reexaminations, renewals and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents and utility models, which may hereafter be filed for said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the Patents under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all applications for industrial property protection, including, without limitation, all applications for patents and utility models which may hereafter be filed for said Patents in any country or countries, together with the right to file such applications; and all forms of industrial property protection, including, without limitation, patents, utility models, and inventors' certificates which may be granted for said Patents in any country or countries and all extensions, renewals and reissues thereof.
2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

3. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will take reasonable efforts to execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining rights to the Patents in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees. Assignee shall be responsible for any fees associated with securing or maintaining rights to the Patents in any country and for vesting title thereto in Assignee.
4. With respect to the Patents, Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.
5. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority with respect to the Patents provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.
6. All of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

Assignor	Assignee
By: RR Donnelley & Sons Company	By: Raster Printing Innovations, LLC
Name: Paul Rodriguez	Name: Pete Sirianni
Title: Vice President, Chief Intellectual Property Counsel	Title: CEO
Signature: 	Signature: 

**SCHEDULE A
UNITED STATES PATENTS**

US 5,796,411

US 5,949,438

US 5,828,814

CONFIDENTIAL