

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3964542

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NEWPAGE CORPORATION	07/15/2016
NEWPAGE WISCONSIN SYSTEM INC.	07/15/2016
NEWPAGE CONSOLIDATED PAPERS, INC. (FKA STORA ENSO NORTH AMERICA CORP.)	07/15/2016
VERSO PAPER LLC	07/15/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WELLS FARGO, NATIONAL ASSOCIATION, AS ADMINISTRATIVE AGENT
<b>Street Address:</b>	1100 ABERNATHY ROAD, NE, 16TH FLOOR
<b>Internal Address:</b>	ATTN: LOAN PORTFOLIO MANAGER
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30328
<b>PROPERTY NUMBERS Total: 37</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6203894
Patent Number:	9212299
Patent Number:	5985424
Patent Number:	5851651
Patent Number:	8727528
Patent Number:	6242047
Patent Number:	6410158
Patent Number:	8431193
Patent Number:	8480225
Patent Number:	7504002
Patent Number:	6531183
Patent Number:	7070679
Patent Number:	8349465
Patent Number:	8821998
Patent Number:	6217625
Patent Number:	8821997
<b>PATENT</b>	

Property Type	Number
Patent Number:	8096479
Patent Number:	5952082
Patent Number:	6630229
Patent Number:	RE40857
Patent Number:	6254725
Patent Number:	6808767
Patent Number:	6140406
Patent Number:	6713550
Patent Number:	7625607
Patent Number:	7811657
Patent Number:	6656545
Patent Number:	6129785
Patent Number:	6746713
Patent Number:	7803224
Patent Number:	8771835
Patent Number:	7018509
Patent Number:	8260672
Patent Number:	8630910
Patent Number:	6024835
Patent Number:	6504625
Patent Number:	6267811

#### CORRESPONDENCE DATA

**Fax Number:** (212)735-2000

*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.*

**Phone:** 212-735-2811

**Email:** mribando@skadden.com

**Correspondent Name:** SKADDEN, ARPS, SLATE, MEAGHER & FLOM

**Address Line 1:** FOUR TIMES SQUARE

**Address Line 2:** MONIQUE L. RIBANDO

**Address Line 4:** NEW YORK, NEW YORK 10036

<b>ATTORNEY DOCKET NUMBER:</b>	071450/420
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<b>NAME OF SUBMITTER:</b>	MEGAN C. MANFRED
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<b>SIGNATURE:</b>	/Megan C. Manfred/
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<b>DATE SIGNED:</b>	07/15/2016
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#### Total Attachments: 22

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## PATENT SECURITY AGREEMENT (ABL FACILITY)

PATENT SECURITY AGREEMENT (ABL FACILITY), dated as of July 15, 2016 (this “Agreement”), made by each of the signatories hereto (each a “Pledgor” and collectively, the “Pledgors”), in favor of WELLS FARGO BANK, NATIONAL ASSOCIATION, as administrative agent (in such capacity, together with any successor administrative agent, the “Administrative Agent”) for the Secured Parties (as defined in the Guarantee and Collateral Agreement (as defined below)).

Reference is made to the Guarantee and Collateral Agreement (ABL Facility), dated as of July 15, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the “Guarantee and Collateral Agreement”), among VERSO PAPER FINANCE HOLDINGS LLC, a Delaware limited liability company (“Holdings”), VERSO PAPER HOLDINGS LLC, a Delaware limited liability company (the “Company”), each Subsidiary of Holdings party thereto from time to time, and WELLS FARGO BANK, NATIONAL ASSOCIATION, as Administrative Agent (as defined therein).

The parties hereto agree as follows:

SECTION 1. **Terms.** Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Guarantee and Collateral Agreement. The rules of construction specified in Section 1.01(b) of the Guarantee and Collateral Agreement also apply to this Agreement.

SECTION 2. **Grant of Security Interest.** As security for the payment or performance when due (whether at the stated maturity, by acceleration or otherwise), as the case may be, in full of the Obligations, the Pledgor pursuant to the Guarantee and Collateral Agreement did, and hereby does, assign and pledge to the Administrative Agent, its successors and permitted assigns, for the benefit of the Secured Parties, and grant to the Administrative Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in all right, title and interest in or to any and all of the following assets and properties now owned or at any time hereafter acquired by the Pledgor or in which the Pledgor now has or at any time in the future may acquire any right, title or interest (collectively, the “**IP Collateral**”):

(i) (a) all letters patent of the United States or the equivalent thereof in any other country or jurisdiction, including those listed on Schedule I, and all applications for letters patent of the United States or the equivalent thereof in any other country or jurisdiction, including those listed on Schedule I, (b) all provisionals, reissues, extensions, continuations, divisions, continuations-in-part, reexaminations or revisions thereof, and the inventions disclosed or claimed therein, including the right to make, use, import and/or sell the inventions disclosed or claimed therein, (c) all claims for, and rights to sue for, past or future infringements of any of the foregoing, and (d) all income, royalties, damages and payments now or hereafter due and payable with respect to any of the foregoing,

including damages and payments for past or future infringement thereof and (e) any rights corresponding to any of the foregoing throughout the world; and

(ii) to the extent not otherwise included, all proceeds, Supporting Obligations and products of any and all of the foregoing and all collateral security and guarantees given by any person with respect to any of the foregoing.

Notwithstanding anything to the contrary in this Agreement, this Agreement shall not constitute a grant of a security interest in (and the following shall not constitute IP Collateral for the Obligations) any Excluded Assets (and Excluded Assets shall not constitute IP Collateral for the Obligations).

**SECTION 3. Guarantee and Collateral Agreement.** The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Guarantee and Collateral Agreement. The Pledgor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the IP Collateral are more fully set forth in the Guarantee and Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Guarantee and Collateral Agreement, the terms of the Guarantee and Collateral Agreement shall govern.

**SECTION 4. Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall constitute an original but all of which when taken together shall constitute but one contract. Delivery of an executed counterpart to this Agreement by facsimile or other electronic transmission shall be as effective as delivery of a manually signed original.

**SECTION 5. Termination.** This Agreement and the security interest granted hereby shall automatically terminate with respect to all of the Pledgor's Obligations and any Lien arising therefrom shall be automatically released upon termination of the Guarantee and Collateral Agreement or as otherwise provided in the Guarantee and Collateral Agreement. The Administrative Agent shall, in connection with any termination or release hereunder or under the Guarantee and Collateral Agreement, execute and deliver to the Pledgor as the Pledgor may reasonably request, an instrument in writing evidencing such release of the security interest in the IP Collateral acquired under this Agreement; provided that the Administrative Agent shall not be required to take any action under this Section 5 unless the Pledgor shall have delivered to the Administrative Agent together with such request, which may be incorporated into such request, a reasonably detailed description of the IP Collateral, which in any event shall be sufficient to effect the appropriate release without affecting any other Collateral. Any execution and delivery of instruments pursuant to this Section 5 shall be without recourse to or warranty by the Administrative Agent. In connection with any release pursuant to this Section 5, the Pledgor shall be permitted to take any action in connection therewith consistent with such release including, without limitation, the filing of such instrument with the United States Patent and Trademark Office. The Pledgor agrees to pay all reasonable and documented

out-of-pocket expenses incurred by the Administrative Agent (and its representatives and counsel) in connection with the execution and delivery of such release instruments.

**SECTION 6. Authorization to Revise Schedules.** The Pledgor hereby authorizes the Administrative Agent to supplement this Agreement by supplementing Schedule I, II, or III hereto or adding additional schedules hereto to specifically identify any asset or item that may constitute IP Collateral (and to present and otherwise record (including with the United States Patent and Trademark Office) this Agreement together with such supplemented or additional schedules, which shall be and are hereby incorporated into this Agreement by reference).

**SECTION 7. Intercreditor Agreement.** Notwithstanding anything herein to the contrary, the Liens and security interests granted to the Administrative Agent pursuant to this Agreement and the exercise of any right or remedy by the Administrative Agent hereunder, in each case, with respect to the IP Collateral are subject to the limitations and provisions of the Intercreditor Agreements. In the event of any conflict between the terms of the Intercreditor Agreements and the terms of this Agreement with respect to the IP Collateral, the terms of the applicable Intercreditor Agreement shall govern and control. Notwithstanding anything herein to the contrary, prior to the Discharge (as defined in the ABL Intercreditor Agreement) of the Non-ABL Obligations (as defined in the ABL Intercreditor Agreement), (i) the Pledgor shall not be required to act or refrain from acting with respect to any Non-ABL Priority Collateral (as defined in the ABL Intercreditor Agreement) if compliance by the Pledgor with such requirement would result in a breach of or constitute a default under the ABL Intercreditor Agreement, and (ii) the requirements of this Agreement to deliver any Non-ABL Priority Collateral and any certificates, instruments or documents in relation thereto to the Administrative Agent shall be deemed satisfied by delivery of such Non-ABL Priority Collateral and such certificates, instruments or documents in relation thereto to the Applicable Possessory Collateral Agent (as defined in the ABL Intercreditor Agreement).

[Signature Pages Follow]

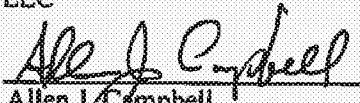
IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement  
as of the day and year first above written.

NEWPAGE CORPORATION  
NEWPAGE WISCONSIN SYSTEM INC.  
NEWPAGE CONSOLIDATED PAPERS INC. [fka  
STORA ENSO NORTH AMERICA CORP.]  
VERSO PAPER LLC

By:

Name:

Title:

  
Allen J. Campbell  
Senior Vice President, Chief  
Financial Officer and Assistant  
Secretary

*[Signature Page to ABL Patent Security Agreement]*

PATENT

REEL: 039358 FRAME: 0599

Accepted and Agreed to:

WELLS FARGO BANK, NATIONAL ASSOCIATION,  
as Administrative Agent

By: 

Name: Anwar S. Young

Title: Authorized Signatory

*[Signature Page to ABL Patent Security Agreement]*

PATENT

REEL: 039358 FRAME: 0600



Schedule I  
to Patent Security Agreement (ABL Loan Facility)

A. Patents Owned by NewPage Corporation

U.S. Patent Registrations and U.S. Published Patent Applications

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
MX	227258	PA/a/2000/004403	BASECOATED SUBSTRATE FOR AN INKJET RECORDING SHEET	04/15/2005	NEWPAGE CORPORATION
US	6,203,894	09/305,922	BASECOATED SUBSTRATE FOR AN INKJET RECORDING SHEET	03/20/2001	NEWPAGE CORPORATION
US	9,212,299	12/945,317	COATED RELEASE LINER SUBSTRATE	12/15/2015	NEWPAGE CORPORATION
US	5,985,424	09/020,826	COATED PAPER FOR INKJET PRINTING	11/16/1999	NEWPAGE CORPORATION
US	5,851,651	08/833,542	COATING FOR INKJET RECORDING	12/22/1998	NEWPAGE CORPORATION
AU	2012217618	2012217618	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING	08/13/2015	NEWPAGE CORPORATION
CN	103370473	201280009132	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING	06/01/2016	NEWPAGE CORPORATION
EP	2675951	12707192.6	GLOSSY RECORDING MEDIUM FOR INKJET	12/25/2013	NEWPAGE CORPORATION

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			PRINTING		
US	8,727,528	13/397,943	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING	05/20/2014	NEWPA GE CORPOR ATION
CA	2305115	2305115	HIGH GLOSS COATED PAPER	08/10/2004	NEWPA GE CORPOR ATION
CH	1045068	00401011.2	HIGH GLOSS COATED PAPER	05/09/2012	NEWPA GE CORPOR ATION
DE	60047165.9	00401011.2	HIGH GLOSS COATED PAPER	05/09/2012	NEWPA GE CORPOR ATION
FI	1045068	00401011.2	HIGH GLOSS COATED PAPER	05/09/2012	NEWPA GE CORPOR ATION
JP	3792987	00-111203	HIGH GLOSS COATED PAPER	04/14/2006	NEWPA GE CORPOR ATION
MX	220565	PA/a/2000/00355 5	HIGH GLOSS COATED PAPER	05/26/2004	NEWPA GE CORPOR ATION
US	6,242,047	09/289,871	HIGH GLOSS COATED PAPER	06/05/2001	NEWPA GE CORPOR ATION
US	6,410,158	09/788,701	HIGH GLOSS COATED PAPER	06/25/2002	NEWPA GE CORPOR ATION
AU	2010282530	2010282530	INKJET RECORDING MEDIUM	08/06/2015	NEWPA GE CORPOR ATION
AU	2010286460	2010286460	INKJET RECORDING	11/05/2015	NEWPA GE

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			MEDIUM		CORPORATION
BR	PENDING	1112012004255-6	INKJET RECORDING MEDIUM		NEWPAGE CORPORATION
BR	PENDING	1120120028731	INKJET RECORDING MEDIUM		NEWPAGE CORPORATION
CA	2769669	2769669	INKJET RECORDING MEDIUM	07/05/2016	NEWPAGE CORPORATION
CN	201080045301	201080045301.6	INKJET RECORDING MEDIUM	08/05/2015	NEWPAGE CORPORATION
CN	201080035391	201080035391.0	INKJET RECORDING MEDIUM	09/09/2015	NEWPAGE CORPORATION
EP	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
DE	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
FI	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
FR	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
GB	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
IT	2464524	10749540.0	INKJET RECORDING	12/25/2013	NEWPAGE

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			MEDIUM		CORPORATION
SE	2464524	10749540.0	INKJET RECORDING MEDIUM	12/25/2013	NEWPAGE CORPORATION
EP	2473672	10750221.3	INKJET RECORDING MEDIUM	7/11/2012	NEWPAGE CORPORATION
JP	5698748	2012-524857	INKJET RECORDING MEDIUM	02/20/2015	NEWPAGE CORPORATION
JP	PENDING	2012-527084	INKJET RECORDING MEDIUM		NEWPAGE CORPORATION
KR	PENDING	10-2012-7006182	INKJET RECORDING MEDIUM		NEWPAGE CORPORATION
MX	328182	Mx/a/2012/002492	INKJET RECORDING MEDIUM	03/02/2015	NEWPAGE CORPORATION
MX	323693	MS/a/2012/001826	INKJET RECORDING MEDIUM	09/17/2014	NEWPAGE CORPORATION
US	8,431,193	12/855,135	INKJET RECORDING MEDIUM	04/30/2013	NEWPAGE CORPORATION
US	8,480,225	12/872,112	INKJET RECORDING MEDIUM	07/09/2013	NEWPAGE CORPORATION
US	7,504,002	11/336,389	METHOD OF PRODUCING COATED PAPER WITH REDUCED GLOSS MOTTLE	03/17/2009	NEWPAGE CORPORATION

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
US	6,531,183	09/656,348	METHOD OF PRODUCING HIGH GLOSS PAPER	03/11/2003	NEWPAGE CORPORATION
US	7,070,679	10/345,247	HIGH GLOSS AND HIGH BULK PAPER	07/04/2006	NEWPAGE CORPORATION
US	8,349,465	12/794,260	PAPER SUITABLE FOR COLD-SET AS WELL AS HEAT-SET	01/08/2013	NEWPAGE CORPORATION
AU	2011343730	2011343730	RECORDING MEDIUM FOR INKJET PRINTING	09/10/2015	NEWPAGE CORPORATION
CN	201180060014	201180060014	RECORDING MEDIUM FOR INKJET PRINTING	07/01/2015	NEWPAGE CORPORATION
EP	2651652	11808458.1	RECORDING MEDIUM FOR INKJET PRINTING	10/23/2013	NEWPAGE CORPORATION
EP	2836363	13775161.6	RECORDING MEDIUM FOR INKJET PRINTING	12/02/2015	NEWPAGE CORPORATION
US	8,821,998	14/036,849	RECORDING MEDIUM FOR INKJET PRINTING	09/02/2014	NEWPAGE CORPORATION
US	6,217,625	09/436,040	PELLETIZED PULP	04/17/2001	NEWPAGE CORPORATION
US	8,821,997	13/326,915	RECORDING MEDIUM FOR INKJET PRINTING	09/02/2014	NEWPAGE CORPORATION
WO	PENDING	PCT/US2015/036462	INKJET PRINTED ELECTRONIC		NEWPAGE CORPORATION

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			DEVICE		ATION
AU	PENDING	2013246086	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
CA	PENDING	2825968	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
JP	PENDING	2015505851	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
MX	PENDING	Mx/a/2013/006764	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
MX	PENDING	Mx/a/2014/012304	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
CN	PENDING	201380019632	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
CA	PENDING	2819511	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
CA	PENDING	2868520	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION
KR	PENDING	10-2012-7008067	INKJET RECORDING MEDIUM		NEWPAGE CORPORATION
KR	PENDING	10-2014-7031668	RECORDING MEDIUM FOR INKJET PRINTING		NEWPAGE CORPORATION

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
CA	PENDING	2772385	PAPER SUBSTRATE WITH INKJET- RECEPTIVE COATING COMPRISING CATIONIC POROUS SILICA		NEWPA GE CORPOR ATION
JP	PENDING	2013554592	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING		NEWPA GE CORPOR ATION
KR	PENDING	1020137024684	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING		NEWPA GE CORPOR ATION
MX	PENDING	2013/009542	GLOSSY RECORDING MEDIUM FOR INKJET PRINTING		NEWPA GE CORPOR ATION

B. Patents Owned by NewPage Wisconsin System Inc.

U.S. Patent Registrations and U.S. Published Patent Applications

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
US	8,096,479	12/307,854	MULTIFUNCTIONAL PAPER IDENTIFICATION LABEL	01/17/2012	NEWPAGE WISCONSIN SYSTEM INC.
CA	2678556	2678556	MULTIFUNCTIONAL PAPER IDENTIFICATION LABEL	01/31/2012	NEWPAGE WISCONSIN SYSTEM INC.
US	5,952,082	08/896,974	ELECTROPHOTOGRAPHIC RECORDING MEDIUM AND METHOD	09/14/1999	NEWPAGE WISCONSIN SYSTEM INC.
US	6,630,229	09/591,040	ELECTROPHOTOGRAPHIC RECORDING MEDIUM AND METHOD	10/07/2003	NEWPAGE WISCONSIN SYSTEM INC.
US	RE40857	10/806,085	ELECTROPHOTOGRAPHIC RECORDING MEDIUM AND METHOD	07/21/2009	NEWPAGE WISCONSIN SYSTEM INC.
US	6,254,725	08/880,045	HIGH BULK PAPER	07/03/2001	NEWPAGE WISCONSIN SYSTEM INC.
CA	2238466	2238466	HIGH BULK PAPER	11/30/2004	NEWPAGE WISCONSIN SYSTEM INC.



Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
					SIN SYSTEM INC.
US	6,808,767	09/838,480	HIGH GLOSS INK JET RECORDING MEDIA	10/26/2004	NEWPAGE WISCONSIN SYSTEM INC.
US	6,140,406	09/097,016	HIGH SOLIDS INTERACTIVE COATING COMPOSITION, INK JET RECORDING MEDIUM, AND METHOD	10/31/2000	NEWPAGE WISCONSIN SYSTEM INC.
US	6,713,550	09/941,279	METHOD FOR MAKING A HIGH SOLIDS INTERACTIVE COATING COMPOSITION AND INK JET RECORDING MEDIUM	03/30/2004	NEWPAGE WISCONSIN SYSTEM INC.
CA	2308685	2308685	HIGH SOLIDS INTERACTIVE COATING COMPOSITION, INK JET RECORDING MEDIUM AND METHOD	07/20/2004	NEWPAGE WISCONSIN SYSTEM INC.
EP	1153757	00110333.2	HIGH SOLIDS INTERACTIVE COATING COMPOSITION AND INK JET RECORDING MEDIUM	11/14/2001	NEWPAGE WISCONSIN SYSTEM INC.
FR	1153757	00110333.2	HIGH SOLIDS INTERACTIVE COATING	07/11/2007	NEWPAGE WISCON

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			COMPOSITION AND INK JET RECORDING MEDIUM		SIN SYSTEM INC.
DE	60035488.1	00110333.2	HIGH SOLIDS INTERACTIVE COATING COMPOSITION AND INK JET RECORDING MEDIUM	07/11/2007	NEWPAGE WISCONSIN SYSTEM INC.
IT	1153757	00110333.2	HIGH SOLIDS INTERACTIVE COATING COMPOSITION AND INK JET RECORDING MEDIUM	07/11/2007	NEWPAGE WISCONSIN SYSTEM INC.
GB	1153757	00110333.2	HIGH SOLIDS INTERACTIVE COATING COMPOSITION AND INK JET RECORDING MEDIUM	07/11/2007	NEWPAGE WISCONSIN SYSTEM INC.
US	7,625,607	10/898,045	LOW GLARE, HIGH PRINT GLOSS PRINTING PAPER	12/01/2009	NEWPAGE WISCONSIN SYSTEM INC.
US	7,811,657	12/273,281	LOW GLARE, HIGH PRINT GLOSS PRINTING PAPER	10/12/2010	NEWPAGE WISCONSIN SYSTEM INC.
US	6,656,545	09/573,592	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	12/02/2003	NEWPAGE WISCONSIN SYSTEM INC.

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
US	6,129,785	08/874,166	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	10/10/2000	NEWPA GE WISCON SIN SYSTEM INC.
CA	2284469	2284469	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	12/07/2004	NEWPA GE WISCON SIN SYSTEM INC.
EP	1090776	99119753.4	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	10/10/2000	NEWPA GE WISCON SIN SYSTEM INC.
FR	1090776	99119753.4	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	06/16/2004	NEWPA GE WISCON SIN SYSTEM INC.
DE	69918115.1	99119753.4	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	06/16/2004	NEWPA GE WISCON SIN SYSTEM INC.
IT	1090776	99119753.4	LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD	06/16/2004	NEWPA GE WISCON SIN SYSTEM INC.
GB	1090776	99119753.4	LOW PH COATING	06/16/2004	NEWPA GE

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD		WISCONSIN SYSTEM INC.
US	6,746,713	10/034,893	INK JET RECORDING MEDIA	06/08/2004	NEWPAGE WISCONSIN SYSTEM INC.
US	7,803,224	12/294,115	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	09/28/2010	NEWPAGE WISCONSIN SYSTEM INC.
CA	2647352	2647352	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	05/22/2012	NEWPAGE WISCONSIN SYSTEM INC.
EP	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
DE	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
FI	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
FR	1999083	07753865.0	PAPER AND COATING MEDIUM FOR	1/23/13	NEWPAGE WISCONSIN

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
			MULTIFUNCTIONAL PRINTING		SIN SYSTEM INC.
GB	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
IT	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
SE	1999083	07753865.0	PAPER AND COATING MEDIUM FOR MULTIFUNCTIONAL PRINTING	1/23/13	NEWPAGE WISCONSIN SYSTEM INC.
US	8,771,835	12/377,211	SUBSTANTIALLY BIODEGRADABLE, AND COMPOSTABLE HIGH-BARRIER PACKAGING MATERIAL AND METHODS FOR PRODUCTION	07/08/2014	NEWPAGE WISCONSIN SYSTEM INC.
CA	2685882	2685882	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	12/29/2015	NEWPAGE WISCONSIN SYSTEM INC.
EP	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
CH	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
DE	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
FI	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
FR	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
GB	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
IT	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.
SE	2162286	08770346.8	BIODEGRADABLE AND COMPOSTABLE HIGH BARRIER PACKAGING MATERIAL	03/12/2014	NEWPAGE WISCONSIN SYSTEM INC.

C. Patents Owned by Verso Paper LLC

U.S. Patent Registrations and U.S. Published Patent Applications

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
US	7,018,509	10/233,141	Elimination of alum yellowing of aspen thermomechanical pulp through pulp washing	03/28/2006	Verso Paper LLC
US	8,260,672	11/652,037	Multi-party, multi-tier system for managing paper purchase and distribution	09/04/2012	Verso Paper LLC
US	8,630,910	13/600,382	Multi-party, multi-tier system for managing paper purchase and distribution	01/14/2014	Verso Paper LLC
US	6,024,835	07/936,507	Quality control apparatus and method for paper mill	02/15/2000	Verso Paper LLC
US	6,504,625	09/220,669	System and method for print analysis	01/07/2003	Verso Paper LLC
Austria	E355412	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Belgium	1623068	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Finland	1623068	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
Germany	602004005024.5	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Great Britain	1623068	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Italy	70020BE/2007	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Netherlands	1623068	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC
Sweden	1623068	04757651.7	Using a metered size press to produce lightweight coated rotogravure paper	02/28/2007	Verso Paper LLC



D. Patents Owned by Catalyst Paper Operations Inc.

U.S. Patent Registrations and U.S. Published Patent Applications

Country	Pat. No.	App. No.	Description	Issue Date	Record Owner
US	6,267,811	09/217,489	TALC SLURRY DISPERSION	07/31/2001	CATALYST PAPER OPERATIONS INC.
CA	2256845	2256845	TALC SLURRY DISPERSION	03/02/2004	CATALYST PAPER OPERATIONS INC.