

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Fiberweb Simpsonville, Inc.	12/30/2011
RECEIVING PARTY DATA	
Name:	Fiberweb Holdings Limited
Street Address:	Forsyth House
Internal Address:	211-217 Lower Richmond Road
City:	Richmond on Thames
State/Country:	UNITED KINGDOM
Postal Code:	TW9 4LN
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	5620785
Patent Number:	5484645
Patent Number:	H001502
Patent Number:	6492287
Patent Number:	6524981
Patent Number:	6065591
CORRESPONDENCE DATA	
Fax Number:	(404)645-7707
Phone:	404-645-7700
Email:	mcogburn@m2iplaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Andrew T. Meunier
Address Line 1:	McKeon, Meunier, Carlin & Curfman LLC
Address Line 2:	817 W. Peachtree Street, NW, Suite 500
Address Line 4:	Atlanta, GEORGIA 30308

OP \$240.00 5620785

PATENT

ATTORNEY DOCKET NUMBER:	10026-005AGR
NAME OF SUBMITTER:	Margaret Cogburn
Total Attachments: 11 source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page1.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page2.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page3.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page4.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page5.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page6.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page7.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page8.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page9.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page10.tif source=Patent assignment agreement from Fiberweb Simpsonville, Inc. to Fiberweb Holdings#page11.tif	

DATED 30 December 2011

FIBERWEB SIMPSONVILLE, INC.

and

FIBERWEB HOLDINGS LIMITED

PATENT ASSIGNMENT DEED

Baker & McKenzie LLP

London

PATENT ASSIGNMENT DEED

DATE: 30 December 2011

BETWEEN:

- (1) Fiberweb Simpsonville, Inc., a company incorporated under the laws of Delaware, with registered number 2224420, whose registered office is at 840 SE Main Street, Simpsonville, SC 29861, United States ("**Assignor**"); and
- (2) Fiberweb Holdings Limited, a company incorporated under the laws of England, with registered number 05719031, whose registered office is at Forsyth House, 211-217 Lower Richmond Road, Richmond on Thames, London TW9 4LN ("**Assignee**").

RECITALS:

- (A) The Assignor is the proprietor of / applicant for the patents / patent applications listed in the schedule to this Deed together with all other patents or patent applications belonging to the same patent families (for the avoidance of doubt, the phrase "patent family" in this context means a plurality of patents applied for in various countries to protect a single invention) ("**the Patents**").
- (B) The Assignor has agreed to assign the Patents to the Assignee in accordance with the terms of this Deed.

IT IS AGREED as follows:

1. INTERPRETATION

1.1 In this Deed unless otherwise specified, reference to:

- (a) "**includes**" and "**including**" shall mean including without limitation and should not be deemed to limit the general effect of the words that precede them;
- (b) a "**Party**" means a party to this Deed and includes its assignees (if any) and, in the case of an individual, to his or her estate and personal representatives;
- (c) a "**person**" includes any person, individual, company, firm, corporation, joint venture, institution, trust or agency, government, state or agency of a state or any undertaking (whether or not having separate legal personality and irrespective of the jurisdiction in or under the law of which it was incorporated or exists);
- (d) "**Clauses**", "**paragraphs**" or "**Schedules**" are to clauses and paragraphs of and schedules to this Deed;
- (e) "**writing**" includes any methods of representing words in a legible form (other than writing on an electronic or visual display screen) or other writing in non-transitory form;
- (f) references to "**costs**" and/or "**expenses**" incurred by a person shall not include any amount in respect of VAT comprised in such costs or expenses for which either that person or, if relevant, any other member of the group to which that person belongs for VAT purposes is entitled to credit or repayment as VAT input tax under any applicable provisions;
- (g) words denoting the singular shall include the plural and vice versa and words denoting any gender shall include all genders; and

(h) the time of day is reference to time in London, United Kingdom.

1.2 The Schedules form part of the operative provisions of this Deed and references to this Deed shall, unless the context otherwise requires, include references to the Schedules.

1.3 The headings in this Deed are for information only and are to be ignored in construing it.

2. ASSIGNMENT

2.1 In accordance with the terms of this Deed, the Assignor hereby assigns to the Assignee, all of its right, title and interest in and to the Patents and all legal rights and immunities (howsoever derived) attaching thereto, including:

- (a) the right to sue in respect of every act of infringement of the Patents, whether committed before or after the date of this Deed;
- (b) the absolute entitlement to any patents granted pursuant to any of the applications comprised in the Patents, for the full term of such patents; and
- (c) the right to apply for, prosecute and obtain patent or similar protection in the UK and all other countries of the world for an invention embodied by any of the applications comprised in the Patents, including the right to claim priority from such applications.

3. FURTHER ASSURANCE

The Assignor agrees at the request and cost of the Assignee that it will at all times after the date of this Deed do all acts and execute all documents as may reasonably be necessary or desirable to secure the vesting in the Assignee of all rights assigned to the Assignee by this Deed (including the preparation and execution of any transfer documents required under the law of the jurisdiction of registration of any of the Patents), to assist in the resolution of any queries from the Assignee concerning the Patents and to assist in relation to any proceedings which may be brought by or against the Assignee with respect to the Patents.

4. ENTIRE AGREEMENT

4.1 This Deed, together with the agreements and other documents referred to in, or executed contemporaneously with, this Deed, constitutes the entire agreement and supersedes any previous agreements between the parties relating to its subject matter.

4.2 Nothing in this clause 4 shall operate to limit or exclude any liability of any party for, or remedy against any party in respect of, any fraudulent misrepresentation.

5. GOVERNING LAW

The construction, validity and performance of this Deed and all non-contractual obligations arising from or connected with this Deed shall be governed by, and interpreted in accordance with English Law and the parties hereto submit to the jurisdiction of the English courts for the purpose of enforcing any claim arising under or in relation to this Deed.

6. GENERAL

6.1 This Deed may be executed in any number of counterparts and by the parties to it on separate counterparts and each such counterpart shall constitute an original of this Deed but all of which together constitute one and the same instrument. This Deed shall not be effective until each party has executed at least one counterpart.

- 6.2 Each party shall be responsible for its own legal, accountancy and other costs, charges and expenses incurred in connection with the negotiation, preparation, execution and implementation by it of this Deed and any document referred to in it.
- 6.3 The Contracts (Rights of Third Parties) Act 1999 shall not apply to this Deed and no person who is not a party to this Deed may enforce any provision of it.

SCHEDULE

Patent Number	Internal Title	Filing Date	Grant Date	Abstract	Current Owner
EP0195408 CA2261337 CL146597 DE69703983.8 ES0194508 FR0194508 GB0194508 IT0194508 JP326803 MX206321 SE0194508 US5783503	Meltspun Multicomponent Thermoplastic Continuous Filaments, Products Made Therefrom, and Methods Therefor	22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1997 22 Jul 1996	24 Jan 2001 11 Dec 2001 19 Aug 2008 24 Jan 2001 24 Jan 2001 24 Jan 2001 24 Jan 2001 21 Dec 2001 31 Jan 2002 24 Jan 2001 21 Jul 1998	Multicomponent thermoplastic continuous filaments are provided, including hollow core multicomponent filaments. The filaments are at least partially splittable into smaller filaments in the absence of mechanical treatment or application of high pressure water jets. The surface energy of the components can be controlled to control separation of the multi-component filaments. Sub-denier and micro-denier filaments of low orientation can be produced from relatively high molecular weight polymers to produce nonwovens of surprising strength, barrier, and cover.	BBA Nonwovens Simpsonville, Inc.
US 5397413 BRPI9306222 DE69303711.3 EP0635077 FR0635077 IT0635077 MX184823	Apparatus and Method for Producing a Web of Thermoplastic Filaments	10 Apr 1992 29 Mar 1993 29 Mar 1993 29 Mar 1993 29 Mar 1993 29 Mar 1993 07 Apr 1993	14 Mar 1995 16 Apr 2002 17 Jul 1996 17 Jul 1996 17 Jul 1996 17 Jul 1996 29 May 1997	A slot draw attenuator apparatus and method are provided for producing webs of spunbonded thermoplastic filaments having improved cover even at low basis weights. The filaments are introduced to a slot draw attenuator having corona electrodes mounted in an elongate insulator bar and staggered and spaced along one wall of the attenuator slot near the exit end thereof. The corona electrodes are electrically connected to a high voltage source. The opposing wall of the slot is grounded. A corona is created in the attenuator slot so that the filaments are charged as they exit the attenuator. The electrostatic charge induces repelling forces in the filaments so that the filaments spread before they are randomly deposited upon a forming belt.	BBA Nonwovens Simpsonville, Inc.
JP 3744898 CZ2003-2144	Bonded Layered Nonwoven and Method of Producing Same	17 Jan 2002 17 Jan 2002	02 Dec 2005	The present invention provides a nonwoven fabric of a multilayer construction including a first fibrous web layer which defines one outer surface of the nonwoven fabric and a second fibrous web layer which defines the opposite outer surface of the fabric. The first fibrous web layer comprises bicomponent or biconstituent fibers which include both a relatively higher fusion point first polymer and a lower fusion point second polymer. The second fibrous web layer comprises fibers of the relatively higher fusion point first polymer. A plurality of fusion bonds serve to bond the fibers of the first web and the fibers of the second web to form a coherent multilayer fabric. The first and second fibrous webs may be bonded directly to one another by the fusion bonds.	BBA Nonwovens Simpsonville, Inc.

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Patent Number	Internal Title	Filing Date	Grant Date	Abstract	Current Owner
US 6468931	Multilayer Thermally Bonded Nonwoven Fabric	22 Aug 1996	22 Oct 2002	Alternatively, one or more intermediate layers may be located between the outer first and second fibrous webs. The first fibrous web layer is a "bico-rich" layer containing from 10 to 100 percent by weight of the bicomponent or biconstituent fibers. In comparison with the first web, the second web is a "bico-lean" layer and may be formed entirely of mono-component fibers, or from a mixture of bico- and mono-component fibers. If bico fibers are present, they are in a proportion significantly less than in the bico-rich layer. Consequently, the first web has a thermal fusing temperature which is less than that of the second web.	BBA Nonwovens Simpsonville, Inc.
EP625221	Elastic Nonwoven Webs and Method of Making Same	02 Feb 1993	02 May 1997	A multilayer thermally bonded nonwoven fabric which is particularly useful as a liner in an absorbent product is described. The fabric includes at least two prebonded nonwoven webs having a multiplicity of intralaminar bonds bonding the fibers of the prebonded nonwoven webs together. The prebonded webs are secured together to form the fabric of the invention by a plurality of interlaminar thermal bonds formed of discrete areas of compressed and fused fibers of the prebonded webs.	Fiberweb North America, Inc.
BR PI99150344 MX2444315 US6849108	Unidirectionally Cold Stretched Nonwoven Webs of Multipolymer Fibers for Stretch Fabrics and Disposable Absorbent Articles Containing Them	29 Oct 1999 29 Oct 1999 06 Sep 2001	08 Sep 2010 22 Mar 2007 01 Feb 2005	A spunbonded elastic nonwoven fabric comprises a web of bonded thermoplastic filaments of a thermoplastic elastomer. The spunbonded fabrics of the invention are prepared in a slot draw spunbonding process operated at a rate of less than about 2000 meters per minute. The elastic fabric is used in absorbent products, such as disposable diapers, adult incontinence pads, sanitary napkins and the like, and as coverstock for absorbent personal care products.	BBA Nonwovens Simpsonville, Inc.

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Patent Number	Internal Title	Filing Date	Grant Date	Abstract	Current Owner
US 5484645 CL41:527	Composite Nonwoven Fabric and Articles Produced Therefrom	08 Dec 1993 07 Dec 1994	16 Jan 1996 22 Jul 2002	The invention is directed to a composite nonwoven fabric comprising first and second nonwoven webs of spunbonded substantially continuous thermoplastic filaments, and a nonwoven hydrophobic microporous web of thermoplastic meltblown microfibers sandwiched between the first and second nonwoven webs. The filaments of the nonwoven spunbond webs are formed of continuous multiconstituent filaments which include a lower melting gamma radiation stable polyethylene polymer component and one or more higher melting gamma radiation stable polymer constituents, wherein a substantial portion of the surfaces of the multiconstituent filaments consists of the lower melting gamma radiation stable polyethylene constituent. The nonwoven hydrophobic microporous web is formed from a gamma radiation stable polyethylene polymer. The webs are bonded together to form the composite nonwoven fabric by discrete point bonds in which the polyethylene constituent of said multiconstituent filaments and the polyethylene of said third nonwoven web are fused together.	BBA Nonwovens Simpsonville, Inc.
US H1502	Meltblown Fibers And Webs Produced From Liquid Crystal Polymers	17 Aug 1993	07 Nov 1995	This invention relates to a novel microfiber, to a nonwoven web comprising said microfiber, and to a method of preparing said web. The meltblown microfibers have a diameter of less than 150 micrometers. The microfibers are prepared by meltblowing a liquid crystal polymer such as a wholly aromatic polyester amide of p, p' biphenol, p-hydroxybenzoic acid and terephthalic acid or a wholly aromatic polyester amide of 2-hydroxynaphthoic acid, p-aminophenol and terephthalic acid.	BBA Nonwovens Simpsonville, Inc.
US6492287 MX236730	UV Stabilized Spunbond Fabrics With Enhanced Trapezoidal Tear	04 Oct 1999 04 Oct 1999	10 May 2002 10 May 2006	A nonwoven fabric with UV stability having a spunbonded fabric layer comprising a base resin selected from the group consisting of polypropylene and polyethylene; combined with melt processable additives; wherein said melt processable additives are a mixture of (i) at least two hindered amine light stabilizers; (ii) a processing aid selected from the group consisting of hydroxyl amines and phosphites; and (iii) a carrier resin selected from the group consisting of polypropylene and polyethylene. Other melt processable additives include pigments which are added to provide the desired color in the resulting fabric layer.	BBA Nonwovens Simpsonville, Inc.
US6524981	UV Stabilized Outdoor Cover With Barrier	22 Dec 1999	25 Feb 2003	A nonwoven fabric with UV stability having a layer of meltblown fibers sandwiched between first and second layers	BBA Nonwovens Simpsonville, Inc.

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Patent Number	Internal Title	Filing Date	Grant Date	Abstract	Current Owner
	Properties			of spunbonded fibers wherein each layer includes a base resin selected from the group consisting of polypropylene and polyethylene; combined with melt processable additives which are a mixture of (i) at least two hindered amine light stabilizers; (ii) a processing aid selected from the group consisting of hydroxyl amines and phosphites; and (iii) a carrier resin selected from the group consisting of polypropylene and polyethylene. Other melt processable additives include pigments which are added to provide the desired color in the resulting fabric layer.	
CA2315198 US6065591	Non-Resealable Wet Wipe Package	14 Dec 1998 19 Dec 1997	21 Sep 2004 23 May 2000	A non-resealable package for wet wipes has a base layer and a flexible top layer which overlays a stack of wet wipes and is sealed to the base layer, and a slit is formed in the flexible top layer along one side of the stacked lateral edges of the stack near a topmost-lying one of the wipes. The top layer is made of a selected flexible material and the slit is positioned and cut with a selected length such that opposing slit ends of the flexible top layer can be pushed apart by a user with fingers of one hand while keeping evaporation of solvent or fluid to a low level. In one version, the slit is simply cut through the top layer and closed with a membrane and adhesive-coated covering for shipping and storage. In another version, a reinforcing layer of greater thickness or stiffness is adhered to the top layer around the slit so that the slit edges tend to resume their initial positions and realign to minimize the open area of the slit when the user's fingers are withdrawn. The stack-edge positioned slit allows wet wipes to be withdrawn with one hand without the need to reseal the slit opening. It is especially suitable for packaging of wet wipes impregnated with solvent for use in an industrial environment.	BBA Nonwovens Simpsonville, Inc.

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EXECUTED as a DEED for and on behalf of **FIBERWEB SIMPSONVILLE, INC.:**

Signature of Director:

Name:

Title:

Date:

[Handwritten Signature]
John J. Herbst
Secretary
30 December 2011

Signature of Witness:

Name:

Address:

Occupation:

Date:

Nancy Martin
NANCY MARTIN
231 GREEN HARBOR PARK, #113, OLD HICKORY, TN 37138
PARAKEE
30 December 2011

EXECUTED as a DEED for and on behalf of **FIBERWEB HOLDINGS LIMITED:**

Signature of Director:

Name:

Title:

Date:

Signature of Witness:

Name:

Address:

Occupation:

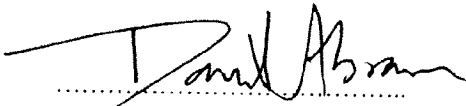
Date:

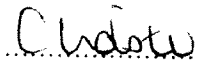
EXECUTED as a DEED for and on behalf of **FIBERWEB SIMPSONVILLE, INC.:**

Signature of Director:
Name:
Title:
Date:

Signature of Witness:
Name:
Address:
Occupation:
Date:

EXECUTED as a DEED for and on behalf of **FIBERWEB HOLDINGS LIMITED:**

Signature of Director: 
Name: DANIEL ABRAMS
Title: DIRECTOR
Date: 30 December 2011

Signature of Witness: 
Name: C. LIPSTER
Address: 28 Graham Road, London, W4 5DR
Occupation: Solihor
Date: 30 December 2011