

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
Deutsche Bank Trust Company Americas	07/09/2010
RECEIVING PARTY DATA	
Name:	Hexcel Corporation
Street Address:	281 Tresser Boulevard
Internal Address:	Two Stamford Plaza
City:	Stamford
State/Country:	CONNECTICUT
Postal Code:	06901
PROPERTY NUMBERS Total: 83	
Property Type	Number
Application Number:	12358302
Application Number:	12011344
Application Number:	12287202
Application Number:	11787701
Application Number:	11645884
Application Number:	11787700
Application Number:	11562867
Application Number:	11476964
Application Number:	11331511
Application Number:	11300135
Application Number:	11476965
Application Number:	11471078
Application Number:	11228601
Application Number:	11452877

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PATENT
REEL: 024864 FRAME: 0040

OP \$3320.00 12358302

Application Number:	12400017
Patent Number:	7510390
Application Number:	11311966
Application Number:	11432780
Application Number:	11295829
Patent Number:	7507461
Application Number:	11168971
Application Number:	12151886
Patent Number:	7510052
Patent Number:	7434659
Application Number:	10979574
Patent Number:	6992165
Patent Number:	7041740
Patent Number:	6877774
Patent Number:	6601886
Patent Number:	6688057
Patent Number:	6477740
Patent Number:	6787237
Patent Number:	6811820
Patent Number:	6596124
Patent Number:	6451406
Patent Number:	6503856
Patent Number:	6508910
Patent Number:	6440257
Patent Number:	6605685
Patent Number:	6245408
Patent Number:	6663737
Patent Number:	6475596
Patent Number:	6261675
Patent Number:	6511730
Patent Number:	6194477
Patent Number:	6197402
Patent Number:	6363681
Patent Number:	5374694
Patent Number:	5539041

Patent Number:	6003283
Patent Number:	6318755
Patent Number:	6107437
Patent Number:	5299926
Patent Number:	5256344
Patent Number:	5098688
Patent Number:	4999238
Patent Number:	6153687
Patent Number:	6245407
Patent Number:	5726241
Patent Number:	5066433
Patent Number:	6242090
Patent Number:	6133167
Patent Number:	5711992
Patent Number:	5460865
Patent Number:	6117518
Patent Number:	6099680
Patent Number:	5514444
Patent Number:	5470633
Patent Number:	5466507
Patent Number:	5527584
Patent Number:	5498462
Patent Number:	5217556
Patent Number:	5139596
Patent Number:	5288537
Patent Number:	5571369
Patent Number:	5635273
Patent Number:	5421935
Patent Number:	5278224
Patent Number:	5391425
Patent Number:	5260117
Patent Number:	4945154
Patent Number:	5248711
Patent Number:	5106668

CORRESPONDENCE DATA**Fax Number:** (704)444-8807*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.***Phone:** 704/343-2161**Email:** geikenberry-wray@mcguirewoods.com,
ginaewray@carolina.rr.com**Correspondent Name:** Gina Eikenberry-Wray, NCCP**Address Line 1:** 201 N. Tryon Street**Address Line 2:** McGuireWoods LLP**Address Line 4:** Charlotte, NORTH CAROLINA 28202**ATTORNEY DOCKET NUMBER:**

BOFA HEXCEL

NAME OF SUBMITTER:

Wayne C. Pensky

Total Attachments: 21

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GRANT OF PATENT SECURITY INTEREST

This **GRANT OF PATENT SECURITY INTEREST**, dated as of July 9, 2010 is entered into by **HEXCEL CORPORATION**, a Delaware corporation ("**Company**" and "**Grantor**"), in favor of **BANK OF AMERICA, N.A.**, as Administrative Agent (in such capacity, the "**Administrative Agent**") for the Secured Parties (as defined in the Security Agreement referenced below).

WHEREAS, pursuant to that certain Credit Agreement dated as of July 9, 2010 among Company, and Hexcel Holdings SASU, a société par actions simplifiée organized under the laws of France (together with Company, collectively, the "**Borrowers**", and each a "**Borrower**"), the Administrative Agent, Bank of America, N.A., as Issuing Lender and as Swing Line Lender, and the lenders now or hereafter party thereto (the "**Lenders**") (as amended, restated, supplemented or otherwise modified, the "**Credit Agreement**"), the Issuing Lender, the Swing Line Lender and the Lenders have agreed to provide the Borrowers with certain credit facilities.

WHEREAS, certain additional extensions of credit may be made from time to time for the benefit of the Grantors pursuant to certain Secured Cash Management Agreements and Secured Hedge Agreements (each as defined in the Credit Agreement, collectively, "**Related Credit Arrangements**").

WHEREAS, pursuant to the terms of a Security Agreement dated as of July 9, 2010 (said Security Agreement, as it may heretofore have been and as it may hereafter be further amended, restated, supplemented or otherwise modified from time to time, being the "**Security Agreement**"; the terms defined therein and not otherwise defined herein being used herein as therein defined), among Grantor, the Administrative Agent and the other grantors named therein, Grantor has granted to the Administrative Agent a continuing security interest and continuing lien on the Patent Collateral;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, subject to the terms and conditions of the Security Agreement, to evidence further the security interest granted by Grantor to the Administrative Agent pursuant to the Security Agreement, Grantor hereby grants to the Administrative Agent for the benefit of the Secured Parties a continuing security interest in and continuing lien on all of Grantor's right, title and interest in and to the following, in each case whether now owned or hereafter acquired or arising, and wherever located (the "**Patent Collateral**"):

- (i) all patents and patent applications and rights and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned or held by Grantor and all patents and patent applications and rights, title and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned by Grantor in whole or in part (including, without limitation, the U.S. patents and U.S. patent applications set forth on Schedule A annexed hereto), all rights (but not obligations) corresponding thereto to sue for past, present and future infringements and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof; and

(ii) all proceeds thereof, such as, by way of example and not by limitation, license royalties and proceeds of infringement suits.

Notwithstanding the foregoing, the Patent Collateral shall not include and Grantor shall not be deemed to have granted a security interest in any of Grantor's rights or interests in or under, any Restricted Patent or any lease, license, contract, permit, Instrument, Security, agreement or franchise to which Grantor is a party or any of its rights or interests thereunder if and for so long as, and to the extent that, the grant of such security interest would constitute or result in (A) the abandonment, invalidation or unenforceability of any right, title or interest of Grantor therein or (B) a breach or termination pursuant to the terms of, or a default under, such lease, license, contract, permit, Instrument, Security, agreement or franchise (including, without limitation, relating to any of the Restricted Patents) (other than to the extent that any such term would be rendered ineffective pursuant to Sections 9-406, 9-407, 9-408 or 9-409 of the UCC of any relevant jurisdiction or under any other applicable law (including the Bankruptcy Code) or principles of equity); provided however, that the security interest shall attach immediately (and such Restricted Patent shall constitute Patent Collateral hereunder) at such time as the condition causing such abandonment, invalidation, or unenforceability shall be remedied or shall cease to exist and, to the extent severable, shall attach immediately to any portion of any such lease, license, contract, permit, Instrument, Security, agreement or franchise that does not result in any of the consequences set forth in subsection (A) or (B) above.

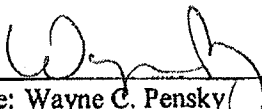
Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event of an irreconcilable conflict between the Security Agreement and this Agreement, the Security Agreement shall control.

THIS GRANT OF PATENT SECURITY INTEREST AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE INTERNAL LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CHOICE OF LAW RULES (OTHER THAN SECTION 5-1401 OF THE GENERAL OBLIGATIONS LAW OF THE STATE OF NEW YORK).

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IN WITNESS WHEREOF, Grantor has caused this Grant of Patent Security Interest to be duly executed and delivered by its officers thereunto duly authorized as of the date hereof.

HEXCEL CORPORATION

By: 
Name: Wayne C. Pensky
Title: Senior Vice President and Chief Financial Officer

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Grant of Patent Security Interest
Signature Page

PATENT
REEL: 024864 FRAME: 0046

**SCHEDULE A
TO
GRANT OF PATENT SECURITY INTEREST**

HEXCEL INTELLECTUAL PROPERTY – PATENT PORTFOLIO

FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A10-01	Composite material for structural applications	Pending	Hexcel Corporation	Boyle	United States of America	12764636	21-Apr-10		
A09-12	Thermoplastic-toughened cyanate ester resin composites with low heat release properties	Pending	Hexcel Corporation	Wang	United States of America	12713534	26-Feb-10		
A09-03	Method of molding complex composite parts using pre-plyed multi-directional continuous fiber laminate	Pending	Hexcel Corporation	Kweder	United States of America	12561492	17-Sep-09		
A08-19	Composite materials with improved burn properties	Pending	Hexcel Corporation (DEL)	Wang	United States of America	12569817	29-Sep-09		
A08-19	Epoxy resins and composite materials with improved burn properties	Pending	Hexcel Corporation (DEL)	Wang	PCT	PCTUS2009059088	30-Sep-09		
A08-13	Prepreg with integrated multi-dimensional gas venting network	Pending	Hexcel Corporation	Custer	PCT	PCTUS2010020859	13-Jan-10		
A08-13	Prepreg with integrated multi-dimensional gas venting network	Pending	Hexcel Corporation	Custer	United States of America	12358302	23-Jan-09		
A08-04	Epoxy resin with improved flexural properties	Pending	Hexcel Corporation (DEL)	Wang	PCT	PCTUS2010033822	6-May-10		
A08-04	Epoxy resin with improved flexural properties	Pending	Hexcel Corporation (DEL)	Wang	United States of America	12468926	20-May-09		
A07-11	Helicopter blade mandrel with roller assembly	Pending	Hexcel Corporation (DEL)	Callis	PCT	PCTUS2009000254	15-Jan-09		
A07-11	Helicopter blade mandrel with roller assembly	Pending	Hexcel Corporation (DEL)	Callis	United States of America	12011344	25-Jan-08		
A07-06	Epoxy resins with improved burn properties	Pending	Hexcel Corporation (DEL)	Wang	United States of America	12287202	7-Oct-08		
A07-01-1	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	United States of America	12792338	2-Jun-10		

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A07-01	Composite material with blend of thermoplastic particles	Issued	Hexcel Corporation (DEL)	Tilbrook	United States of America	11787701	17-Apr-07	7754322	13-Jul-10
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	Brazil	P108092958	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	Canada	2682549	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	China	2008800185814	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	European Patent Office	87998639	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	Japan	2010504043	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	Malaysia	P120094344	2-Apr-08		
A07-01	Composite material with blend of thermoplastic particles	Pending	Hexcel Corporation (DEL)	Tilbrook	Republic of Korea	1020097023836	2-Apr-08		
A06-11-1	Helicopter blade mandrel	Pending	Hexcel Corporation (DEL)	Callis	United States of America	12787439	26-May-10		
A06-11	Helicopter blade mandrel	Issued	Hexcel Corporation (DEL)	Callis	United States of America	11645884	27-Dec-06	7749421	6-Jul-10
A06-11	Helicopter blade mandrel	Pending	Hexcel Corporation (DEL)	Callis	Canada	2673975	12-Dec-07		
A06-11	Helicopter blade mandrel	Pending	Hexcel Corporation (DEL)	Callis	China	2007800488441	12-Dec-07		
A06-11	Helicopter blade mandrel	Pending	Hexcel Corporation (DEL)	Callis	European Patent Office	78750197	12-Dec-07		
A06-05	Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	Brazil	P108096384	2-Apr-08		
A06-05	Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	Canada	2682943	2-Apr-08		
A06-05	Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	China	2008800185138	2-Apr-08		
A06-05	Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	European Patent Office	87272522	2-Apr-08		
A06-05	Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	Japan	2010504044	2-Apr-08		

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A06-05	Preimpregnated composite materials with improved performance	Pending	Hexcel Corporation (DEL)	Tilbrook	United States of America	11787700	17-Apr-07		
A06-05	Pre-impregnated Composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	Malaysia	PI20094337	2-Apr-08		
A06-05	Pre-impregnated composite materials with improved performance	Pending	Hexcel Corporation	Tilbrook	Republic of Korea	1020097023838	2-Apr-08		
A05-14-1	Carbon fibers having improved strength and modulus and an associated method and apparatus for preparing same	Pending	Hexcel Corporation (DEL)	Leon y Leon	United States of America	12783069	19-May-10		
A05-14	Carbon fibers having improved strength and modulus and an associated method and apparatus for preparing same	Allowed	Hexcel Corporation (DEL)	Leon y Leon	United States of America	11562867	22-Nov-06		
A05-14	Carbon fibers having improved strength and modulus and an associated method and apparatus for preparing same	Pending	Hexcel Corporation (DEL)	Leon y Leon	China	2007800435020	7-Nov-07		
A05-14	Carbon fibers having improved strength and modulus and an associated method and apparatus for preparing same	Pending	Hexcel Corporation (DEL)	Leon y Leon	European Patent Office	78640190	7-Nov-07		
A05-14	Carbon fibers having improved strength and modulus and an associated method and apparatus for preparing same	Pending	Hexcel Corporation (DEL)	Leon y Leon	Japan	2009538444	7-Nov-07		
A05-12-1	Corrosion resistant honeycomb	Pending	Hexcel Corporation (DEL)	Wang	United States of America	12714565	1-Mar-10		
A05-12	Corrosion resistant honeycomb	Issued	Hexcel Corporation (DEL)	Wang	United States of America	11476964	27-Jun-06	7695797	13-Apr-10
A05-12	Corrosion resistant honeycomb	Pending	Hexcel Corporation (DEL)	Wang	China	2007800227441	14-Jun-07		
A05-12	Corrosion resistant honeycomb	Pending	Hexcel Corporation (DEL)	Wang	European Patent Office	77962082	14-Jun-07		
A05-12	Corrosion resistant honeycomb	Pending	Hexcel Corporation (DEL)	Wang	Japan	2009518153	14-Jun-07		

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A05-12	Corrosion resistant honeycomb	Pending	Hexcel Corporation (DEL)	Wang	Malaysia	P120085238	14-Jun-07		
A05-10	Pressure bag tool for a one-sided mold	Pending	Hexcel Corporation (DEL)	Lopez	United States of America	11331511	13-Jan-06		
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Austria	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Denmark	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	France	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Germany	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Italy	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Netherlands	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	Spain	71003164	10-Jan-07	1808282	1-Apr-09
A05-10	Pressurized molding of composite parts	Issued	Hexcel Corporation (DEL)	Lopez	United Kingdom	71003164	10-Jan-07	1808282	1-Apr-09
A05-08	BMI system with improved tack and flow control	Issued	Hexcel Corporation (DEL)	Buyny	United States of America	11300135	14-Dec-05	7592072	22-Sep-09
A05-06-2	Aerospace articles made from quasi-isotropic chopped prepreg (HexMC)	Pending	Hexcel Corporation (DEL)	Boursier	United States of America	12508777	24-Jul-09		
A05-06-1	Aerospace articles made from quasi-isotropic chopped prepreg (HexMC)	Pending	Hexcel Corporation (DEL)	Boursier	United States of America	11476965	27-Jun-06		
A05-01-1	Aircraft floor panels using edge-coated honeycomb	Pending	Hexcel Corporation (DEL)	Wang	United States of America	11471078	20-Jun-06		
A05-01	Aircraft floor panels using edge-coated honeycomb	Issued	Hexcel Corporation (DEL)	Smith	United States of America	11228601	16-Sep-05	7581366	1-Sep-09
A05-01	Aircraft floor panels using edge-coated honeycomb	Pending	Hexcel Corporation (DEL)	Wang	European Patent Office	68518653	24-Aug-06		
A04-15-2	Method for Molding Composite Structures	Pending	Hexcel Corporation (DEL)	Callis	United States of America	12726677	18-Mar-10		
A04-15-1	Method for Molding Composite Structures	Issued	Hexcel Corporation (DEL)	Callis	United States of America	12400017	9-Mar-09	7695661	13-Apr-10

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A04-15	Machinable Composite Mold	Issued	Hexcel Corporation (DEL)	Callis	United States of America	11180831	13-Jul-05	7510390	31-Mar-09
A04-15	Machinable composite mold	Pending	Hexcel Corporation (DEL)	Callis	China	2006800255184	11-Jul-06		
A04-15	Machinable composite mold	Pending	Hexcel Corporation (DEL)	Callis	European Patent Office	67869776	11-Jul-06		
A04-15	Machinable composite mold	Pending	Hexcel Corporation (DEL)	Callis	India	166CHENP2008	11-Jul-06		
A04-10	Expanded Aluminum Foil (EAF) Sheets and Methods of Making and Using the Same	Pending	Hexcel Corporation (DEL)	Rouille	China	2005800424756	19-Dec-05		
A04-06-2	Edge coating honeycomb to improve core-skin bondability	Issued	Hexcel Corporation (DEL)	Wang	United States of America	11432780	11-May-06	7550190	23-Jun-09
A04-06-2	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	China	2006800518762	13-Nov-06		
A04-06-2	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	European Patent Office	68373992	13-Nov-06		
A04-06-2	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	Japan	2008544347	13-Nov-06		
A04-06-2	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	Malaysia	PI20081931	13-Nov-06		
A04-06-1	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	United States of America	11295829	7-Dec-05		
A04-06	Edge coating for honeycomb used in panels with composite face sheets	Issued	Hexcel Corporation (DEL)	Wang	United States of America	10932510	1-Sep-04	7507461	24-Mar-09
A04-06	Edge coating honeycomb to improve core-skin bondability	Issued	Hexcel Corporation (DEL)	Wang	China	2005800289453	17-Aug-05	ZL200580028945.3	6-Jan-10
A04-06	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	European Patent Office	57889198	17-Aug-05		
A04-06	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	Japan	2007529968	17-Aug-05		
A04-06	Edge coating honeycomb to improve core-skin bondability	Pending	Hexcel Corporation (DEL)	Wang	Malaysia	PI20070259	21-Feb-07		
A04-05	Resin compositions with high thermoplastic loading	Pending	Hexcel Corporation (DEL)	Martin	United States of America	11168971	28-Jun-05		
A04-05	Surfacing film for lightning strike applications	Pending	Hexcel Corporation (DEL)	Martin	European Patent Office	67712356	23-May-06		

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A03-21-2	Acoustic septum cap honeycomb	Pending	Hexcel Corporation (DEL)	Ayle	United States of America	12151886	9-May-08		
A03-21-1	Acoustic septum cap honeycomb	Issued	Hexcel Corporation (DEL)	Ayle	United States of America	11726451	22-Mar-07	7510052	31-Mar-09
A03-21-1	Acoustic septum cap honeycomb	Pending	Hexcel Corporation (DEL)	Ayle	China	2008800167977	15-Feb-08		
A03-21-1	Acoustic septum cap honeycomb	Pending	Hexcel Corporation (DEL)	Ayle	European Patent Office	87256780	15-Feb-08		
A03-21-1	Acoustic septum cap honeycomb	Pending	Hexcel Corporation (DEL)	Ayle	Japan	2009554522	15-Feb-08		
A03-21	Acoustic septum cap	Pending	Hexcel Corporation (DEL)	Ayle	China	2006800107322	14-Mar-06		
A03-21	Acoustic septum cap	Pending	Hexcel Corporation (DEL)	Ayle	Japan	2008504091	14-Mar-06		
A03-21	Acoustic septum cap honeycomb	Issued	Hexcel Corporation (DEL)	Ayle	United States of America	11099337	4-Apr-05	7434659	14-Oct-08
A03-21	Acoustic septum cap honeycomb	Pending	Hexcel Corporation (DEL)	Ayle	European Patent Office	67382226	14-Mar-06		
A03-15	Interlocking Double Weave Fabric for Lightning Strike	Issued	Hexcel Corporation (DEL)	Taylor	Australia	2004288913	2-Nov-04	2004288913	7-Jan-10
A03-15	Interlocking Double Weave Fabric for Lightning Strike	Pending	Hexcel Corporation (DEL)	Taylor	European Patent Office	48005862	2-Nov-04		
A03-15	Interlocking Double Weave Fabric for Lightning Strike	Pending	Hexcel Corporation (DEL)	Taylor	Japan	2006538436	2-Nov-04		
A03-15	Interlocking Double Weave Fabric for Lightning Strike	Pending	Hexcel Corporation (DEL)	Taylor	United States of America	10979574	2-Nov-04		
A03-01	Method for making amine-terminated polyarylene polyethers	Issued	Hexcel Corporation (DEL)	Hedges	France	42577510	14-Dec-04	1544231	9-May-07
A03-01	Method for making amine-terminated polyarylene polyethers	Issued	Hexcel Corporation (DEL)	Hedges	Germany	42577510	14-Dec-04	602004006363	9-May-07
A03-01	Method for making amine-terminated polyarylene polyethers	Issued	Hexcel Corporation (DEL)	Hedges	United Kingdom	42577510	14-Dec-04	1544231	9-May-07
A03-01	Method for making amine-terminated polyarylene polyethers	Issued	Hexcel Corporation (DEL)	Hedges	United States of America	10740095	17-Dec-03	6992165	31-Jan-06

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A02-16	Heat-settable Resin Composition	Issued	Hexcel Corporation (DEL)	Martin	United States of America	10672006	26-Sep-03	7041740	9-May-06
A02-16	Heat-settable Resin Composition	Pending	Hexcel Corporation (DEL)	Martin	Japan	2004276651	24-Sep-04		
A02-16	Heat-settable Resins	Pending	Hexcel Corporation (DEL)	Martin	European Patent Office	42556209	16-Sep-04		
A02-01	Energy absorbing composite tube	Issued	Hexcel Corporation	Thayer	United States of America	10159653	31-May-02	6601886	5-Aug-03
A01-13	Chromate free coating for aluminum honeycomb	Issued	Hexcel Corporation	Wang	United States of America	10062827	31-Jan-02	6686057	3-Feb-04
A01-11	Process for stretch breaking carbon fiber in an aqueous medium	Issued	Hexcel Corporation	Hansen	France	22579866	20-Nov-02	1319740	11-Jan-06
A01-11	Process for stretch breaking carbon fiber in an aqueous medium	Issued	Hexcel Corporation	Hansen	Germany	22579866	20-Nov-02	60208643.4	11-Jan-06
A01-11	Process for stretch breaking carbon fiber in an aqueous medium	Issued	Hexcel Corporation	Hansen	Italy	22579866	20-Nov-02	1319740	11-Jan-06
A01-11	Process for stretch breaking carbon fiber in an aqueous medium	Issued	Hexcel Corporation	Hansen	Spain	22579866	20-Nov-02	1319740	11-Jan-06
A01-11	Process for stretch breaking carbon fiber in an aqueous medium	Issued	Hexcel Corporation	Hansen	United Kingdom	22579866	20-Nov-02	1319740	11-Jan-06
A01-11	Stretch breaking of fibers	Issued	Hexcel Corporation	Hansen	United States of America	10022129	12-Dec-01	6477740	12-Nov-02
A00-19-1	Room temperature stable epoxy prepreg	Issued	Hexcel Corporation	Cawse	United States of America	10243077	12-Sep-02	6787237	7-Sep-04
A00-18	Friction lining for wet running	Issued	Hexcel Corporation & Miba	Spaun	United States of America	10149638	13-Dec-00	6811820	2-Nov-04
A00-08	Forming process for cellulose paper honeycomb (HRH 86)	Issued	Hexcel Corporation	Hookham	European Patent Office	13084595	3-Oct-01	1195241	21-Apr-10
A00-08	Forming process for cellulose paper honeycomb (HRH 86)	Issued	Hexcel Corporation	Hookham	France	13084595	3-Oct-01	1195241	21-Apr-10
A00-08	Forming process for cellulose paper honeycomb (HRH 86)	Issued	Hexcel Corporation	Hookham	Germany	13084595	3-Oct-01	60141877.8	21-Apr-10
A00-08	Forming process for cellulose paper honeycomb (HRH 86)	Issued	Hexcel Corporation	Hookham	Luxembourg	13084595	3-Oct-01	1195241	21-Apr-10

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
A00-08	Forming process for cellulose paper honeycomb products (HRH 86)	Issued	Hexcel Corporation (DEL)	Hookham	United States of America	9970740	3-Oct-01	6596124	22-Jul-03
99-23	Solventless node adhesive for honeycomb	Issued	Hexcel Corporation	Caldwell	United States of America	9549506	14-Apr-00	6451406	17-Sep-02
99-22	Carbon fiber sheet materials and methods of making and using the same	Issued	Hexcel Corporation (DEL)	Brown	United States of America	9730283	5-Dec-00	6503856	7-Jan-03
99-13-2	Adhesive Prepreg Face Sheets for Sandwich Panels	Issued	Hexcel Corporation	Zhou	Australia	2002228697	14-Nov-01	2002228697	15-Jun-06
99-13-2	Adhesive Prepreg Face Sheets for Sandwich Panels	Issued	Hexcel Corporation	Zhou	Japan	2002568654	14-Nov-01	4175894	29-Aug-08
99-13-2	Adhesive Prepreg Face Sheets for Sandwich Panels	Pending	Hexcel Corporation	Zhou	Canada	2439361	14-Nov-01		
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	Austria	19354117	11-May-01	1303570	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	France	19354117	11-May-01	1303570	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	Germany	19354117	11-May-01	60127411.3	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	Italy	19354117	11-May-01	1303570	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	Spain	19354117	11-May-01	1303570	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	United Kingdom	19354117	11-May-01	1303570	21-Mar-07
99-13-1	Self-Adhesive Prepreg and Articles made Therefrom	Issued	Hexcel Corporation	Zhou	United States of America	9795177	27-Feb-01	6508910	21-Jan-03
99-13	Self-Adhesive Prepreg and Sheet for Sandwich Panels	Issued	Hexcel Corporation	Zhou	United States of America	9573760	18-May-00	6440257	27-Aug-02
99-11	Low-smoke producing resin for use in honeycomb sandwich panels	Issued	Hexcel Corporation	Wang	United States of America	9930071	14-Aug-01	6605685	12-Aug-03
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	Austria	993059997	28-Jul-99	1072634	16-Mar-05
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	France	993059997	28-Jul-99	1072634	16-Mar-05

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	Germany	993059997	28-Jul-99	69924244.4	16-Mar-05
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	Italy	993059997	28-Jul-99	1072634	16-Mar-05
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	Spain	993059997	28-Jul-99	2237042	16-Mar-05
99-08	Reactive resin sheet materials	Issued	Hexcel Corporation (DEL)	Steele	United Kingdom	993059997	28-Jul-99	1072634	16-Mar-05
99-04	Honeycomb core with controlled crush properties	Issued	Hexcel Corporation (DEL)	Bitzer	Germany	3041746	17-May-00	60015428.9	3-Nov-04
99-04	Honeycomb core with controlled crush properties	Issued	Hexcel Corporation (DEL)	Bitzer	Luxembourg	3041746	17-May-00	1054183	3-Nov-04
99-04	Honeycomb core with controlled crush properties	Issued	Hexcel Corporation (DEL)	Bitzer	United Kingdom	3041746	17-May-00	1054183	3-Nov-04
99-04	Honeycomb core with controlled crush properties	Issued	Hexcel Corporation (DEL)	Bitzer	United States of America	9314600	19-May-99	6245408	12-Jun-01
98-30-3	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	France	11305638	20-Mar-00	1205507	16-Nov-05
98-30-3	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Germany	11305638	20-Mar-00	60024099.1	16-Nov-05
98-30-3	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Italy	11305638	20-Mar-00	1205507	16-Nov-05
98-30-3	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Spain	11305638	20-Mar-00	1205507	16-Nov-05
98-30-3	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	United Kingdom	11305638	20-Mar-00	1205507	16-Nov-05
98-30-2	Fabric-based prepreg materials for suppressing core crush during sandwich structure fabrication	Issued	Hexcel Corporation (DEL)	Hsiao	United States of America	9876310	7-Jun-01	6663737	16-Dec-03
98-30-1	Fabric-based prepreg materials for suppressing core crush during sandwich structure fabrication	Issued	Hexcel Corporation (DEL)	Hsiao	United States of America	9726940	30-Nov-00	6475596	5-Nov-02

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
98-30	Core crush resistant fabric and prepreg for fiber reinforced composite sandwich	Issued	Hexcel Corporation	Hsiao	United States of America	9273637	23-Mar-99	6261675	17-Jul-01
98-30	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	France	3022423	20-Mar-00	1046666	18-Aug-04
98-30	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Germany	3022423	20-Mar-00	60013018.5	18-Aug-04
98-30	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Italy	3022423	20-Mar-00	1046666	18-Aug-04
98-30	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	Spain	3022423	20-Mar-00	1046666	18-Aug-04
98-30	Core-crush resistant fabric and prepreg for fiber reinforced composite sandwich structures	Issued	Hexcel Corporation (DEL)	Hsiao	United Kingdom	3022423	20-Mar-00	1046666	18-Aug-04
98-30	Fabric-based prepreg materials for suppressing core crush during sandwich structure fabrication	Issued	Hexcel Corporation (DEL)	Hsiao	Australia	2245700	22-Mar-00	767220	6-Nov-03
98-25-1	Fire Resistant Composite Panel	Issued	Hexcel Corporation	Blair	United States of America	9582460	26-Jun-00	6511730	28-Jan-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	France	993008093	3-Feb-99	967070	11-Jun-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	Germany	993008093	3-Feb-99	69908709	11-Jun-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	Italy	993008093	3-Feb-99	967070	11-Jun-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	Luxembourg	993008093	3-Feb-99	967070	11-Jun-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	United Kingdom	993008093	3-Feb-99	967070	11-Jun-03
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Cawse	United States of America	9312134	14-May-99	6194477	27-Feb-01
98-20	Flame retarded glassine paper honeycomb core	Issued	Hexcel Corporation	Khan	Japan	16570099	11-Jun-99	3520223	6-Feb-04
98-14	Formable heavy density honeycomb	Issued	Hexcel Corporation	Miller	United States of America	9241046	1-Feb-99	6197402	6-Mar-01

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation		Spain	993023365	25-Mar-99	949369	6-Nov-02
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation		United Kingdom	993023365	25-Mar-99	949369	6-Nov-02
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation	Steele	France	993023365	25-Mar-99	949369	6-Nov-02
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation	Steele	Germany	993023365	25-Mar-99	69903765.4	6-Nov-02
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation	Steele	Italy	993023365	25-Mar-99	949369	6-Nov-02
98-11	Fibre laminates (Thin skin patent)	Issued	Hexcel Corporation	Steele	Sweden	993023365	25-Mar-99	949369	6-Nov-02
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Australia	5996990	30-Jul-90	630213	12-Feb-93
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Austria	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Belgium	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Canada	2022290	9-Aug-90	2022290	16-Oct-01
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	France	90308801	9-Aug-90	412827	17-Dec-97

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Germany	90308801	9-Aug-90	69031819.7	17-Dec- 97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Italy	90308801	9-Aug-90	412827-	17-Dec- 97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Japan	20830190	9-Aug-90	2886636	19-Feb- 99
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Luxembourg	90308801	9-Aug-90	412827	17-Dec- 97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Mexico	21924	9-Aug-90	170851	20-Sep- 93
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Netherlands	90308801	9-Aug-90	412827	17-Dec- 97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Republic of Korea	1218890	9-Aug-90	164607	14-Sep- 98

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Spain	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Sweden	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	Switzerland	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	United Kingdom	90308801	9-Aug-90	412827	17-Dec-97
98-05	Curable blends of cyanate esters and polyarylsulphones [Fiberite Satellite bus acquisition] [Undivided one-half interest from ICI]	Issued	ICI and Hexcel Corporation (DEL)	MacKenzie	United States of America	8055392	3-May-93	5374694	20-Dec-94
98-04-2	Siloxane and phosphazene modified cyanate resin compositions [Fiberite Satellite business acquisition]	Issued	Hexcel Corporation (DEL)	Arnold	United States of America	8386713	9-Feb-95	5539041	23-Jul-96
98-04	Inorganic Oxide Modified Cyanate Resin Bodies	Issued	Hexcel Corporation (DEL)	Arnold	France	923053391	11-Jun-92	518654	16-Aug-00
98-04	Inorganic Oxide Modified Cyanate Resin Bodies	Issued	Hexcel Corporation (DEL)	Arnold	Italy	923053391	11-Jun-92	518654	16-Aug-00
98-04	Inorganic Oxide Modified Cyanate Resin Bodies	Issued	Hexcel Corporation (DEL)	Arnold	United Kingdom	923053391	11-Jun-92	518654	16-Aug-00
98-01	Vented Flexcore	Issued	Hexcel Corporation	Hull	United States of America	74263	7-May-98	6003283	21-Dec-99

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	Austria	973077936	2-Oct-97	E 198212	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	France	973077936	2-Oct-97	906927	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	Germany	973077936	2-Oct-97	69703739.8	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	Italy	973077936	2-Oct-97	906927	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	Spain	973077936	2-Oct-97	2154013	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	United Kingdom	973077936	2-Oct-97	906927	20-Dec-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Cawse	United States of America	9162074	28-Sep-98	6107437	22-Aug-00
97-26	Low temperature latent curing agents for epoxy resins (European Appl priority)	Issued	Hexcel Corporation	Whiter	Japan	28000998	1-Oct-98	3469101	5-Sep-03
96-79	Spinning Apparatus Having a Tubular Elastomeric Flow Control Valve Body	Issued	Hexcel Corporation (DEL)	Nakajima	United States of America	7965784	23-Oct-92	5299926	5-Apr-94
96-70-1	Process of Thermally Stabilizing Pan Fibers	Issued	Hexcel Corporation (DEL)	Schimpf	United States of America	7908720	7-May-92	5256344	26-Oct-93
96-63-2	Damage Tolerant Composites Containing Infusible Particles	Issued	Hercules Inc.	Gawin	Canada	616092	14-Jun-91	1326176	18-Jan-94
96-63-1	Damage Tolerant Composites Containing Infusible Particles	Issued	Hercules Inc.	Gawin	Canada	616093	12-Oct-90	1322948	12-Oct-93
96-57	Honeycomb Dip Resin	Issued	Hexcel Corporation	Wang	United States of America	9300110	27-Apr-99	6153687	28-Nov-00
96-55	Thermoformable Honeycomb Structures	Issued	Hexcel Corporation	Wang	United States of America	9299868	27-Apr-99	6245407	12-Jun-01
96-55	Thermoformable honeycomb structures and dip resins	Issued	Hexcel Corporation	Wang	France	3025236	28-Mar-00	1048446	25-Mar-09

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
96-55	Thermoflexible honeycomb structures and dip resins	Issued	Hexcel Corporation	Wang	Germany	3025236	28-Mar-00	60041847.2-08	25-Mar-09
96-55	Thermoflexible honeycomb structures and dip resins	Issued	Hexcel Corporation	Wang	Luxembourg	3025236	28-Mar-00	1048446	25-Mar-09
96-55	Thermoflexible honeycomb structures and dip resins	Issued	Hexcel Corporation	Wang	United Kingdom	3025236	28-Mar-00	1048446	25-Mar-09
96-48-1	Finishing Oil for Precursor for High Performance Carbon Fibers and Precursor	Issued	Hexcel Corporation (DEL)	Manuyama	United States of America	8715098	17-Sep-96	5726241	10-Mar-98
96-30-1	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Green	United States of America	9609959	25-Jul-00	6242090	5-Jun-01
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Cook	France	933057085	20-Jul-93	583090	2-Dec-98
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Cook	Germany	933057085	20-Jul-93	69322329.4	2-Dec-98
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Cook	Italy	933057085	20-Jul-93	583090	2-Dec-98
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Cook	Spain	933057085	20-Jul-93	583090	2-Dec-98
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Cook	United Kingdom	933057085	20-Jul-93	583090	2-Dec-98
96-30	Fibre Reinforced Resin Composite Products	Issued	Hexcel Corporation	Green	United States of America	8097140	26-Jul-93	6133167	17-Oct-00
96-29-1	An Environmentally Safer Process of Manufacturing Honeycomb Products for Use In Composite Materials Using a Water-Based Phenolic Thermosetting Resin	Issued	Hexcel Corporation	Heitkamp	United States of America	8573766	18-Dec-95	5711992	27-Jan-98
96-29	Environmentally safer process of manufacturing honeycomb products for use in composite materials using a water-based phenolic thermosetting resin	Issued	Hexcel Corporation	Iler	Germany	958101651	13-Mar-95	69511747.5	1-Sep-99
96-29	Environmentally safer process of manufacturing honeycomb products for use in composite materials using a water-based phenolic thermosetting resin	Issued	Hexcel Corporation	Iler	Luxembourg	958101651	13-Mar-95	673982	1-Sep-99

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
96-29	Environmentally safer process of manufacturing honeycomb products for use in composite materials using a water-based phenolic thermosetting resin	Issued	Hexcel Corporation	Iler	United Kingdom	958101651	13-Mar-95	673982	1-Sep-99
96-27-1	Hybrid Honeycomb Sandwich Panel	Issued	Hexcel Corporation	Tsotsis	United States of America	8210393	18-Mar-94	5460865	24-Oct-95
96-13	Particulate Reinforcement for Honeycomb Core Materials	Issued	Hexcel Corporation	Cawse	Germany	963053475	22-Jul-96	69610830.5	2-Nov-00
96-13	Particulate Reinforcement for Honeycomb Core Materials	Issued	Hexcel Corporation	Cawse	Luxembourg	963053475	22-Jul-96	820858	2-Nov-00
96-13	Particulate Reinforcement for Honeycomb Core Materials	Issued	Hexcel Corporation	Cawse	United States of America	8897198	21-Jul-97	6117518	12-Sep-00
93-25	Method for creating a bond enhancement layer for thermoplastic urethane panels	Issued	Hexcel Corporation	Harris	United States of America	8609033	29-Feb-96	6099680	8-Aug-00
93-10	Fiber Reinforced Polyimide Honeycomb for High Temperature Applications	Issued	Hexcel Corporation	Buyny	United States of America	8261377	17-Jun-94	5514444	7-May-96
93-08	High Thermal Conductivity Non-Metallic Honeycomb With Optimum Pitch Fiber Angle	Issued	Hexcel Corporation	Darfler	United States of America	8136958	14-Oct-93	5470633	28-Nov-95
93-07	High Thermal Conductivity Non-Metallic Honeycomb With Laminar Cell Walls	Issued	Hexcel Corporation	Darfler	United States of America	8136957	14-Oct-93	5466507	14-Nov-95
93-06	High Thermal Conductivity Triaxial Non-Metallic Honeycomb	Issued	Hexcel Corporation	Darfler	United States of America	8139309	19-Oct-93	5527584	18-Jun-96
92-25	Co-Corrugation Process for Thermally Conductive Honeycomb	Issued	Hexcel Corporation	Darfler	Germany	959154634	31-Mar-95	69532193.5	26-Nov-03
92-25	Co-Corrugation Process for Thermally Conductive Honeycomb	Issued	Hexcel Corporation	Darfler	Japan	52583595	31-Mar-95	2863636	11-Dec-98
92-25	Co-Corrugation Process for Thermally Conductive Honeycomb	Issued	Hexcel Corporation	Darfler	United Kingdom	959154634	31-Mar-95	754121	26-Nov-03

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
92-25	Co-Corrugation Process for Thermally Conductive Honeycomb	Issued	Hexcel Corporation	Darfler	United States of America	8221833	1-Apr-94	5498462	12-Mar-96
92-13	Continuous Process for the Preparation of Unitary Thermoplastic Honeycomb Containing Areas with Different Physical Properties	Issued	Hexcel Corporation	Fell	United States of America	7620958	3-Dec-90	5217556	8-Jun-93
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	France	939035184	20-Jan-93	670776	21-Jul-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	Germany	939035184	20-Jan-93	69325718	21-Jul-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	Italy	939035184	20-Jan-93	670776	21-Jul-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	Japan	51652193	20-Jan-93	2935569	4-Jun-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	Luxembourg	939035184	20-Jan-93	670776	21-Jul-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	United Kingdom	939035184	20-Jan-93	670776	21-Jul-99
92-01	High Thermal Conductivity Non Metallic Honeycomb	Issued	Hexcel Corporation	Corden	United States of America	7853957	19-Mar-92	5288537	22-Feb-94
90-21-3	Method and Apparatus for Making Thermally Fused Thermoplastic Honeycomb Structures	Issued	Hexcel Corporation	Dixon	United States of America	8448136	23-May-95	5571369	5-Nov-96
90-21-1	Method For Making Thermally Fused Thermoplastic Honeycomb Structure (As Amended)	Issued	Hexcel Corporation	Dixon	United States of America	8105763	11-Aug-93	5421935	6-Jun-95
90-19	Resin Systems of Improved Toughness and High Temperature Performance and Method Therefor (F655-2 Resin)	Issued	Hexcel Corporation	Olesen	United States of America	7744562	13-Aug-91	5278224	11-Jan-94
89-23	Composite Material with Shrinkage Barrier	Issued	Hexcel Corporation	Isley	United States of America	7922629	30-Jul-92	5391425	21-Feb-95
89-21-1	Honeycomb of Fabric-Reinforced Polymer and Methods of Preparation	Issued	Hexcel Corporation	Meyers	United States of America	7667909	12-Mar-91	5260117	9-Nov-93

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FILE NBR	TITLE	STATUS	OWNER	INVENTOR	COUNTRY	SERIAL NBR	FILING DATE	PATENT NBR	ISSUE DATE
89-09	Densified Polyethersulfone	Issued	Hexcel Corporation	Hedges	France	909114282	5-Jul-90	481004	5-Mar-97
89-09	Densified Polyethersulfone	Issued	Hexcel Corporation	Hedges	Germany	909114282	5-Jul-90	69030087.5	5-Mar-97
89-09	Densified Polyethersulfone	Issued	Hexcel Corporation	Hedges	Spain	909114282	5-Jul-90	481004	5-Mar-97
89-09	Densified Polyethersulfone	Issued	Hexcel Corporation	Hedges	United Kingdom	909114282	5-Jul-90	481004	5-Mar-97
88-25	Toughened Bismaleimide Resins Systems for Composite Applications	Issued	Hexcel Corporation	Buyny	United States of America	7312016	16-Feb-89	5248711	28-Sep- 93

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