PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARBOWSKI, Jean-Pierre as represented by Heir, REY, Danyele	01/21/2007
KARBOWSKI, Jean-Pierre as represented by Heir, KARBOWSKI, Natacha	01/19/2007
KARBOWSKI, Jean-Pierre as represented by Heir, KARBOWSKI, Marie	01/25/2007
KARBOWSKI, Jean-Pierre as represented by Heir, KARBOWSKI, Sarah	04/10/2007
KARBOWSKI, Jean-Pierre as represented by Heir, KARBOWSKI, Lydia	01/18/2007
Jean-Paul BOISSET	01/18/2007
Frederic SKURA	01/09/2007
Roger BICHAT-GOBARD	01/17/2007

RECEIVING PARTY DATA

Name:	SAINT-GOBAIN VETROTEX FRANCE S.A.
Street Address:	130 Avenue des Follaz
City:	Chambery
State/Country:	FRANCE
Postal Code:	73000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11630683

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000 Email: cxiong@oblon.com Correspondent Name: Oblon, Spivak, et al. 1940 Duke Street Address Line 1:

Alexandria, VIRGINIA 22314 Address Line 4:

ATTORNEY DOCKET NUMBER: 300038US6PCT

PATENT REEL: 019889 FRAME: 0917

500363799

NAME OF SUBMITTER: Chai Xiong Total Attachments: 24 source=300038usAssignment#page1.tif source=300038usAssignment#page2.tif source=300038usAssignment#page3.tif source=300038usAssignment#page4.tif source=300038usAssignment#page5.tif source=300038usAssignment#page6.tif source=300038usAssignment#page7.tif source=300038usAssignment#page8.tif source=300038usAssignment#page9.tif source=300038usAssignment#page10.tif source=300038usAssignment#page11.tif source=300038usAssignment#page12.tif source=300038usAssignment#page13.tif source=300038usAssignment#page14.tif source=300038usAssignment#page15.tif source=300038usAssignment#page16.tif source=300038usAssignment#page17.tif source=300038usAssignment#page18.tif source=300038usAssignment#page19.tif source=300038usAssignment#page20.tif

source=300038usAssignment#page21.tif source=300038usAssignment#page22.tif source=300038usAssignment#page23.tif source=300038usAssignment#page24.tif

SERT NAMES	WHEREAS, I (WE) Jea	n-Pierre KARBOWSKI (de	ceased);			
ND RESIDENCE DDRESS OF	Jea	n-Paul BOISSET, 240 Rue	des Cigales, F-7	3230, Barby, FRANCE;		
HE INVENTORS:	Frederic SKURA, 36 Route de Drumettaz, F-73420, Drumettaz Clarafond, FRANCE; and					
	Ro	Roger BICHAT-GOBARD, Le Replat, F-73670, Saint-Pierre D'Entremont, FRANCE				
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			·		respectively	
SERT TITLE OF IVENTION:	have invented certain ne	ew and useful improvements	in: <u>AUTOMA</u>	TIC YARN-GRIPPING INSTALLATION	ON	
	(Application No.	11/630,683	, filed	December 27, 2006), and	
SERT NAME	WHEREAS, SAIN	T-GOBAIN VETROTEX FRA	ANCE S.A.			
D ADDRESS OF MIPANY OR THER ASSIGNEE	CHAMBERY, FRANCE	_ is desirous of acquiring th	e entire right, tit	business at: 130 Avenue des Follaz, 73 cle and interest in and to said invention at tes and its territorial possessions and in	ind in and to	

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Jean-Pierre KARBOWSKI (deceased) We, Danyele REY, Natacha KARBOWSKI, Marie KARBOWSKI, Sarah KARBOWSKI and Lydia KARBOWSKI, are the heirs and legal representative of Jean-Pierre KARBOWSKI (deceased) and sign on behalf of Jean-Pierre KARBOWSKI (deceased). 21 Janvier 2007 Mailing Address of Danyele REY: Le centenaire 14 B Faubourg Reclus, 73000 CHAMBERY, FRANCE Signature of Natacha KARBOWSKI Mailing Address of Natacha KARBOWSKI 16 Rue Carcavel, 26400 CREST, FRANCE Signature of Marie KARBOWSKI Date Mailing Address of Marie KARBOWSKI 11 Rue Eugenie; Residence le San Carlo Batiment A2 83400 HYERES, FRANCE Signature of Sarah KARBOWSKI Date Mailing Address of Sarah KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE Signature of Lydia KARBOWSKI Date

Mailing Address of Lydia KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date:			
	(Signature of Inventor)	Jean-Paul BOISSET	
Date:			
	(Signature of Inventor)	Frederic SKURA	
Date:	(Signature of Inventor)	Roger BICHAT-GOBARD	
Date:	(Signature of Inventor)		
	(
Date:			
	(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

WHEREAS, I (WE) Jea	an-Pierre KARBOWSKI (dec	eased);			
Jea	an-Paul BOISSET, 240 Rue d	les Cigales, F-7323	30, Barby, FRANCE;		
Fre	ederic SKURA, 36 Route de l	Drumettaz, F-7342	0, Drumettaz Clarafon	d, FRANCE; ar	nd
Ro	oger BICHAT-GOBARD, Le	Replat, F-73670, S	Saint-Pierre D'Entremo	nt, FRANCE	
					
				, re	espectively,
have invented certain n	ew and useful improvements	in: <u>AUTOMATIC</u>	YARN-GRIPPING I	NSTALLATIO	<u>N</u>
(Application No.	11/630,683	, filed	December 27,	2006), and
WHEREAS, SAIN	IT-GOBAIN VETROTEX FRA	NCE S.A.			
	to as "ASSIGNEE") having is desirous of acquiring the				
any Letters Patent that foreign countries;	may be granted therefore in	the United States	and its territorial posse	essions and in a	iny and all

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128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

PATENT

REEL: 019889 FRAME: 0923

Date:	(Signature of Inventor)	Jean-Paul BOISSET
Date:	(Signature of Inventor)	Frederic SKURA
Date:	(Signature of Inventor)	Roger BICHAT-GOBARD
Date:	(Signature of inventor)	
Date:	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

W. 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	WHEREAS, I (WE) Je	an-Pierre KARBOWSKI (dece	ased);			
ISERT NAMES ND RESIDENCE DDRESS OF		an-Paul BOISSET, 240 Rue de		Barby, FRANCE	<u>.</u>	
HE INVENTORS:	Fi	ederic SKURA, 36 Route de D	rumettaz, F-73420,	Drumettaz Clarat	fond, FRANCE	; and
	Re	oger BICHAT-GOBARD, Le R	eplat, F-73670, Sai	nt-Pierre D'Entre	mont, FRANCE	}
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						, respectively,
	have invented acetain a	our and reachel improvements in	AUTOMATICS	ADM CRIDDING	INCTALLAT	ION
ISERT TITLE OF IVENTION:	nave invented certain i	new and useful improvements in	I: AUTOMATIC I	AKN-GKIPPING	J INSTALLAT	ION
	(Application No.	11/630,683	_, filed	December 27	7, 2006), and
ISERT NAME	WHEREAS, SAINT-GOBAIN VETROTEX FRANCE S.A.					
ND ADDRESS OF OMPANY OR THER ASSIGNEE	CHAMBERY, FRANCE	to as "ASSIGNEE") having is desirous of acquiring the elemany be granted therefore in the	entire right, title and	l interest in and to	said invention	and in and to
	foreign countries;					•

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128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date:	(Signature of Inventor)	Jean-Paul BOISSET
Date:	(Signature of Inventor)	Frederic SKURA
Date:	(Signature of Inventor)	Roger BICHAT-GOBARD
Date:	(Signature of inventor)	
Date:	(Signature of Inventor)	

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HE INVENTORS:	Fre	deric SKURA, 36 Route de	Drumettaz, F-7342	0, Drumettaz Clarafond, FRANC	CE; and
	Ro	ger BICHAT-GOBARD, Le	: Replat, F-73670, S	Saint-Pierre D'Entremont, FRAN	CE
	M		·		
					, respectively
SERT TITLE OF EVENTION:	have invented certain no	ew and useful improvements	in: <u>AUTOMATIC</u>	YARN-GRIPPING INSTALLA	ATION
	(Application No.	11/630,683	, filed	December 27, 2006), and
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ND ADDRESS OF OMPANY OR THER ASSIGNEE	CHAMBERY, FRANCE	_ is desirous of acquiring th	e entire right, title a	siness at: 130 Avenue des Folla: and interest in and to said inventi- and its territorial possessions an	on and in and to
	foreign countries;				

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Signature of Danyele REY	Date		
Signature of Danyele RE 1	Date		
Mailing Address of Danyele REY: Le centenaire			
14 B Faubourg Reclus, 73000 CHAMBERY,	FRANCE		
Signature of Natacha KARBOWSKI	Date		
Mailing Address of Natacha KARBOWSKI 16 Rue Carcavel, 26400 CREST, FRANCE			
Signature of Marie KARBOWSKI	Date		
Mailing Address of Marie KARBOWSKI 11 Rue Eugenie; Residence le San Carlo Bati 83400 HYERES, FRANCE	ment A2		
KARBOW	10/04/07		
Signature of Sarah KARBOWSKI	Date		
Mailing Address of Sarah KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN-L	EYSSE, FRANCE		
Signature of Lydia KARBOWSKI	Date		
• • • • • •	-		

Mailing Address of Lydia KARBOWSKI

128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

PATENT

REEL: 019889 FRAME: 0929

Date:			
	(Signature of Inventor)	Jean-Paul BOISSET	
Date:			
	(Signature of Inventor)	Frederic SKURA	
Date:			
	(Signature of Inventor)	Roger BICHAT-GOBARD	
Date:			
	(Signature of Inventor)		
Date:			
	(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

SERT NAMES	WHEREAS, I (WE)	Jean-Pierre K	ARBOWSKI	(deceased);						
NO RESIDENCE DORESS OF		Jean-Paul BO	ISSET, 240 R	ue des Cigale	es, F-7323	0, Barby, FF	ANCE;	·		
KE INVENTORS:		Frederic SKU	RA, 36 Route	de Drumetta	z, F-7342	0, Drumettaz	Clarafo	nd, FRAN	CE; and	
		Roger BICHA	AT-GOBARD,	Le Replat, F	-73670, S	Saint-Pierre I)'Entrem	ont, FRAN	CE	
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	(Application No.	11	/630/683	, filed		Decembe	r 27,	2006), and
NSERT NAME	whereas, S	AINT-GOBAIN	VETROTEX F	FRANCE S.A	·-		· 			
NSERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE	(hereinafter referre <u>CHAMBERY</u> , FRAN any Letters Patent t foreign countries;	ICE is desiro	us of acquiring	g the entire ri	ght, title a	ınd interest ii	and to	said invent	on and it	and to

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Signature of Danyele REY	Date				
Mailing Address of Danyele REY:					
Le centenaire 14 B Faubourg Reclus, 73000 CHAMBER	Y, FRANCE				
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Signature of Sarah KARBOWSKI	Date				
Mailing Address of Sarah KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN	-LEYSSE, FRANCE				
Kouht	18/01/07				
Signature of Lydia KARBOWSKI	Date				

Mailing Address of Lydia KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date:		
	(Signature of Inventor)	Jean-Paul BOISSET
Date:		····
	(Signature of Inventor)	Frederic SKURA
Date:		
	(Signature of inventor)	Roger BICHAT-GOBARD
Date:		
	(Signature of inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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HE INVENTORS:		Frederic SKUR	A, 36 Route de D	rumettaz, F-734	20, Drumettaz Cl	arafond, FRAN	ICE; and
		Roger BICHAT	r-GOBARD, Le R	Replat, F-73670,	Saint-Pierre D'En	tremont, FRA	NCE
							, respectively,
SERT TITLE OF AVENTION:	have invented certain	in new and usefu	l improvements i	n: AUTOMATI	C YARN-GRIPP	ING INSTALI	ATION
	(Application No.	11/0	630,683	, filed	December	27, 2006), and
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Jean-Pierre KARBOWSKI (deceased) We, Danyele REY, Natacha KARBOWSKI, Marie KARBOWSKI, Sarah KARBOWSKI and Lydia KARBOWSKI, are the heirs and legal representative of Jean-Pierre KARBOWSKI (deceased) and sign on behalf of Jean-Pierre KARBOWSKI (deceased). Signature of Danyele REY Date Mailing Address of Danyele REY: Le centenaire 14 B Faubourg Reclus, 73000 CHAMBERY, FRANCE Signature of Natacha KARBOWSKI Date Mailing Address of Natacha KARBOWSKI 16 Rue Carcavel, 26400 CREST, FRANCE Signature of Marie KARBOWSKI Date Mailing Address of Marie KARBOWSKI 11 Rue Eugenie; Residence le San Carlo Batiment A2 83400 HYERES, FRANCE Signature of Sarah KARBOWSKI Date Mailing Address of Sarah KARBOWSKI 128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE Signature of Lydia KARBOWSKI Date Mailing Address of Lydia KARBOWSKI

128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date: _	18/01/2007			
		(Signature of Inventor)	Jean-Faul BOISSET	
Date: _				
		(Signature of Inventor)	Frederic SKURA	
Date:				
		(Signature of Inventor)	Roger BICHAT-GOBARD	
Date:				
		(Signature of Inventor)		
Date: _				
		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

NSERT NAMES	WHEREAS, I (WE)_	Jean-Pierre KARBOWSKI (de	ceased);				
ND RESIDENCE DDRESS OF	Jean-Paul BOISSET, 240 Rue des Cigales, F-73230, Barby, FRANCE; Frederic SKURA, 36 Route de Drumettaz, F-73420, Drumettaz Clarafond, FRANCE; and						
HE INVENTORS:							
		Roger BICHAT-GOBARD, Lo	Replat, F-73670), Saint-Pierre D'Entremont, FRANCE			
		· · · · · · · · · · · · · · · · · · ·					
		· · · · · · · · · · · · · · · · · · ·					
							
				, 1	respectively		
SERT TITLE OF EVENTION:	have invented certain	n new and useful improvement	s in: <u>AUTOMA</u>	TIC YARN-GRIPPING INSTALLATIO	N		
	(Application No.	11/630,683	, filed	December 27, 2006), and		
	WHEREAS, SA	AINT-GOBAIN VETROTEX FR	ANCE S.A.				
NSERT NAME IND ADDRESS OF OMPANY OR	(harrier Ann an Francis	A "A COLONICE" Land		120 Avenue des Felles 70	000		
THER ASSIGNEE				ousiness at: 130 Avenue des Follaz, 73 e and interest in and to said invention at			
				es and its territorial possessions and in			
	foreign countries;						

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date:			
		(Signature of Inventor)	Jean-Paul BOISSET
Date:	09 Jania 2007	_	
		(Signature of Inventor)	Frederic SKURA
Date:			
		(Signature of Inventor)	Roger BICHAT-GOBARD
Date:			
		(Signature of inventor)	
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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J	ean-Paul BOISSET, 240 Rue o	ies Cigales, F-73230	, Barby, FRANC	E;	
F	rederic SKURA, 36 Route de	Drumettaz, F-73420	, Drumettaz Clara	ifond, FRANCE; and	i
R	Roger BICHAT-GOBARD, Le	Replat, F-73670, Sa	int-Pierre D'Entre	emont, FRANCE	
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					·
				, res	spectively
have invented certain	new and useful improvements	in: <u>AUTOMATIC</u>	YARN-GRIPPIN	G INSTALLATION	
(Application No.	11/630,683	, filed	December 2	27, 2006), and
WHEREAS, SAI	INT-GOBAIN VETROTEX FRA	NCE S.A.			
	to as "ASSIGNEE") having		ness at: 130 Ave	nue des Follaz 7300	<u> </u>
	E is desirous of acquiring the				
any Letters Patent tha	at may be granted therefore in				
foreign countries:					

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5,00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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128 Rue du Peney, 73230 SAINT-ALBAN-LEYSSE, FRANCE

Date:	(Disable of Charles	N P P POIGOET
	(Signature of Invento	y Jean-Paul BOISSET
Date:		
	(Signature of Invento	or) Frederic SKURA
Date:		
	(Signature of Invento	r) Roger BICHAT GOBARD
17/01/ Date:	2007	
	(Signature of inventor	or)
Date:	(Signature of Invent	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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12/04

RECORDED: 09/27/2007