PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYP	E:		NEW ASSIGNMENT			
	VEYANCE:		ASSIGNMENT			
CONVEYING PAR	TY DATA					
		N	lame	Execution Date		
Matthieu VARAGN	IAT			04/26/2013		
Boris JAFFRENNC	วบ			04/24/2013		
Katarzyna CHUDA	4			05/10/2013		
Said LAMOU				04/25/2013		
RECEIVING PART	Y DATA					
Name:	SAINT-GOBA		FORS			
Street Address:	517 Avenue o	de la B	oisse			
City:	CHAMBERY					
State/Country:	FRANCE					
Postal Code:						
Property	у Туре		Nun	nber		
Application Number: 13883124						
CORRESPONDEN						
Fax Number:	7034132 vill be sent via LIS		hen the fax attempt is unsucces	ceful		
Phone:	(703) 41			551ui.		
Email:	asomaie					
Correspondent Nar						
Address Line 1: 1940 Duke Street						
Address Line 4:	Alexand	ria, VII	RGINIA 22314			
ATTORNEY DOCK	ET NUMBER:		415539US99PCT			
NAME OF SUBMIT	TER:		Adel Samuel			
Signature: /Adel Samuel/						
				PATENT		
502/31820	h			REEL: 030866 FRAME: 0682		

Date:	07/24/2013
Total Attachments: 8 source=415539USAssignment#page1.tif source=415539USAssignment#page2.tif source=415539USAssignment#page3.tif source=415539USAssignment#page4.tif source=415539USAssignment#page5.tif source=415539USAssignment#page6.tif source=415539USAssignment#page7.tif source=415539USAssignment#page8.tif	

Assignment of Application

Page 1 of 2

PATENT REEL: 030866 FRAME: 0684

	WHEREAS, I (WE)	1) VARAGNAT M	latthieu	4) LAMOU Said		
INSERT NAMES AND RESIDENCE		98 rue Ordener-	75 QUAI DE	LA SEINT	Bijvang 33		
ADDRESS OF THE INVENTORS:		F75018 PARI	5-75013 P	ARIS	NL - 4817 DD BREDA		
	<u></u>	FRANCE	26/04/13 M.	<i>V</i> .	NETHERLANDS		
		2) JAFFRENNOU	Boris			····	
		33 rue des Aloue	ettes				
	· · · · · · · · · · · · · · · · · · ·	F - 75019 PARIS					
		FRANCE					
		3) CHUDA Katarz	yna				
	3 rue Marguerite Chapon						
		F - 94800 VILLE	JUIF				
	·····	FRANCE					
						, respectively,	
INSERT TITLE OF INVENTION:	have invented certain a	new and useful improv	ements in: BIND	ER FOR MA	AT FIBRES, IN PARTICL	JLAR	
	INORGANIC FIBRE	S, AND RESULTING	PRODUCTS				
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application					·	
	(Application No. 13	/883,124	, filed	July	18, 2013), and	
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS, SA	AINT-GOBAIN ADFO	ORS	<u> </u>			
	(hereinafter referred to	as "ASSIGNEE") ha	ving a place of bus	iness at: 5	17 Avenue de la Boisse		

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is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all 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 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.

Page 2 of 2

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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	26 April	2013	(Signature of Inventor)	VARAGNAT Matthieu	
Date:					
Date:			(Signature of Inventor)	JAFFRENNOU Boris	
Dater	• <u>••</u> ••		(Signature of Inventor)	CHUDA Katarzyna	
Date:			(Signature of Inventor)	LAMOU Said	
Date:			()	LAMOU Said	
			(Signature of Inventor)		
Date:		<u></u>	(Signature of Inventor)		
Date:			<u></u>		
			(Signature of Inventor)		
Date:			(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

Assignment of Application

Page 1 of 2

PATENT REEL: 030866 FRAME: 0686

	WHEREAS, I (WE)	1) VARAGNAT Matthie	<u>u</u>		4) I	LAMOU Said		
INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:	98 rue Ordener			Bijvang 33				
	F - 75018 PARIS FRANCE			NL - 4817 DD BREDA				
]	NETHERLANDS		
	2) JAFFRENNOU Boris							
	33 rue des Alouettes							
	F - 75019 PARIS							
	FRANCE							
	3) CHUDA Katarzyna							
	3 rue Marguerite Chapon							
	F - 94800 VILLEJUIF							
		FRANCE	<u> </u>					
					_		, respectively,	
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: BINDER FOR MAT FIBRES, IN PARTICULAR							
	INORGANIC FIBRES, AND RESULTING PRODUCTS							
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an applicatio	n for Letters Patent was exe	cuted on					
INSERT NAME	(Application No1	3/883,124	, filed	July	18,	2013), and	
AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS, SA	INT-GOBAIN ADFORS						
	(hereinafter referred to	as "ASSIGNEE") having a	place of bu	siness at:	517 A	Avenue de la Boisse		

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Date:	
16 N 2012	(Signature of Inventor) VARAGNAT Matthieu
Date: <u>24.04.2013</u>	(Signature of Inventor)
Date:	(Signature of Inventor) CHUDA Katarzyma
Data	(Signature of Inventor) CHUDA Katarzyna
Date:	(Signature of Inventor) LAMOU Said
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Data	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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PATENT REEL: 030866 FRAME: 0687

Assignment of Application

Page 1 of 2

PATENT REEL: 030866 FRAME: 0688

	WHEREAS, I (WE)	1) VARAGNAT Matthieu		4) LAI	MOU Said	
INSERT NAMES	······································	98 rue Ordener		Bijv	ang 33	
ADDRESS OF THE INVENTORS:	F - 75018 PARIS			NL	- 4817 DD BRE	DA
			NE	THERLANDS		
		2) JAFFRENNOU Boris				
		33 rue des Alouettes				
	F - 75019 PARIS					
		FRANCE				
		3) CHUDA Katarzyna				
	3 rue Margucrite Chapon					
	F - 94800 VILLEJUIF					
		FRANCE	. –			
						, respectively,
INSERT TITLE OF INVENTION:	have invented certain	new and useful improvements in	: BINDE	<u>R FOR MAT FIE</u>	BRES, IN PARTI	CULAR
	INORGANIC FIBRE	S, AND RESULTING PRODU	CTS			
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an applicati	on for Letters Patent was execute	ed on			
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	(Application No	3/883,124	, filed	July 18,	2013), and
	WHEREAS, S.	AINT-GOBAIN ADFORS			<u></u>	
	(hereinafter referred to	o as "ASSIGNEE") having a plac	e of busir	ness at: 517 Ave	enue de la Boisse	

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Date:	
	(Signature of Inventor) VARAGNAT Matthieu
Date:	
	(Signature of Inventor) JAFFRENNOU Boris
Date: 10 4 au 2013	· aluelo
	(Signature of Inventor) CHUDA Katarzyna
Date:	
	(Signature of Inventor) LAMOU Said
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
······································	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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PATENT REEL: 030866 FRAME: 0689

Assignment of Application

Page 1 of 2

PATENT REEL: 030866 FRAME: 0690

INSERT NAMES AND RESIDENCE AND RESIDENCE THE INVENTORS F - 75018 PARIS F - 75018 PARIS NL - 4817 DD BREDA FRANCE NETHERLANDS 2) JAFFRENNOU Boris 33 rue des Alouettes						
THE INVENTORS F - 75018 PARIS NL - 4817 DD BREDA FRANCE NETHERLANDS 2) JAFFRENNOU Boris						
2) JAFFRENNOU Boris						
33 rue des Alouettes						
F - 75019 PARIS						
FRANCE						
3) CHUDA Katarzyna						
3 rue Marguerite Chapon	3 rue Marguerite Chapon					
F - 94800 VILLEJUIF						
FRANCE						
NSERT TITLE OF INVENTION: have invented certain new and useful improvements in: <u>BINDER FOR MAT FIBRES</u> , IN PARTICULA	respectively,					
INORGANIC FIBRES, AND RESULTING PRODUCTS	<u>K</u>					
INSERT DATE IN- VENTOR'S GIVED for which an application for Letters Patent was executed on						
(Application No. 13/883,124 , filed July 18, 2013), and					
AND ADDRESS OF COMPANY OR UTHER ASSIGNEE WHEREAS, SAINT-GOBAIN ADFORS						
(hereinafter referred to as "ASSIGNEE") having a place of business at: 517 Avenue de la Boisse	(hereinafter referred to as "ASSIGNEE") having a place of business at: 517 Avenue de la Boisse					
73000 CHAMBERY - FRANCE						

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Date:			
		(Signature of Inventor) VARAGNAT Matthieu	
Date:			
		(Signature of Inventor) JAFFRENNOU Boris	
Date:		(Signature of Inventor) CHIIDA Katarama	·····
Date:	25-04-2013	Antheatt	
		(Signature of Inventor LAMOU Said	
Date:			
		(Signature of Inventor)	
Date:		(Signature of Inventor)	
Date:		(Signature of Inventor)	
Date:		·	
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 07/24/2013