# 502503418 09/20/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

NATURE OF CONVEYANCE: ASSIG	GNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ullrich MUNSTERMANN	09/10/2013

### RECEIVING PARTY DATA

Name:	Trutzschler Nonwovens GmbH				
Street Address:	Wolfsgartenstrasse 6				
City:	Egelsbach				
State/Country:	GERMANY				
Postal Code:	63329				

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14006402

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	155.53269X00
NAME OF SUBMITTER:	Alan E. Schiavelli
Signature:	/Alan E. Schiavelli/
Date:	09/20/2013
But.	00/20/2010

Total Attachments: 1

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PATENT REEL: 031249 FRAME: 0211

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ļ	······································		***************************************		***************************************		TTTTTY/XXXXXX	155.53269X00
here	WHEREAS the below inefter referred to as the ASS	named inven	itor (if only o mted a certair	ne inve	intor is named ivement relatir	below ig to	) or inventors (if plural in	ventors are named helow)
	Device fo	or bond	ling te	xti	le fibe	ers	by means of	hot gases
	for which an application fo	r Letters Pate	ent to be filed	in the	United States	Patent	t and Trademark Office wi	as executed on even date.
	for which U.S. Application No.			for Letters Patent was filed in the U.S. Patent and Trademark Office on				
х		for which an International Application was filed on March 22, 2012 as PCT/EP2012/05						, designating the United States
	AND WHEREAS Trützschler Nonwovens GmbH Wolfsgartenstrasse 6 63329 Egelsbach Germany							
inch rene assig inve- tock bene ASS and and	iding any and all divisions a wais, reissues, reexamination NOW, WITNESSETH gas, sells, and transfers to A. ntion and application, including any and all renewals, thits accruing or to accrue within the properties of the accruing of the accruence of the accruing and accruence of the accruence of	and continuates and extension that for gonessioners, it is any and a reissues, rees it representation and all Let the rights, por	tions thereof, ions thereof, od and valus ts assigns and all divisions a xaminations so the filing of yes to have, htters Patent wowers, privilet	and an able con d legal and com and extended and extended, explicitly and designed and designed and and and and and and and and and an	ny and all Let representative tinuations ther tensions there- ing of patents service, and en- nay be granted I advantages is	ters P se recres, the eof, ar of, and in the tion sa thereis anyv	atent which may be gran- eipt whereof is hereby ac entire and exclusive righ nd any and all Letters Pate I in and to any and all pa e United States and/or an id invention and applicati- for, including any and all- wise arising from or apper	to said invention and application, ted thereon, including any and all chrowledged, ASSIGNOR hereby it, title and interest in and to said cut which may be granted therefor, fiority and/or convention rights or y countries foreign thereto, SAID on, including any and all divisions renewals, reissues, reexaminations taining thereto, for and during the nations and extensions thereof, for

ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made

AND ASSIGNOR, hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification 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.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

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201	FULL NAME OF SOLE OF FURST NAMED INVENTOR UILTICH MÜNSTERMANN	De James Secretarione	10. Lept 2013
208	TULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
263	full name of third joint inventor	inventor's signature	DATE
264	full name of Fourth Joint Inventor	INVENTOR'S SIGNATURE	DATE
265	full name of Fifth Joint Inventor	INVENTOR'S SIGNASURE	DAVE
206	FULL NAME OF SOCTH JOINT INVESTOR	INVENTOR'S SIGNAFURE	DATE

PATENT REEL: 031249 FRAME: 0212

RECORDED: 09/20/2013