504650069 11/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
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KLAUS PFORTE	10/26/2017
PATRICK KRAMER	10/26/2017
KARIN FORSTER	09/23/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15560788

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ATTORNEY DOCKET NUMBER:	1093-382 PCT/US	
NAME OF SUBMITTER:	STEVEN T. ZUSCHLAG	
SIGNATURE:	/steven t zuschlag/	
DATE SIGNED:	11/20/2017	

Total Attachments: 3

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PATENT REEL: 044176 FRAME: 0575 504650069

Attorney's	Docket	No.:	1093-382	PCT/US

PATENT

For:	☑ U.S. and/or ☑ Foreign Rights
For:	□ U.S.Application;
	U.S. Provisional Application;
	U.S.Patent; or
	□ PCT Application
By:	

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Ludwig Brenm	Klaus Piorte
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Patrick Kramer	Karin Forster
Name	Name
Am Hohlweg 1	Nürnberger Str. 15a
Address	Address
91207 Lauf, Germany	90574 Roßtal, Germany
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05-1-1	
(If assignment is by person or entity to whom invention was	s previously assigned and this was recorded in PTO add the following)
Recorded on	Reel
WARRING AND ADDRESS OF THE ADDRESS O	Frame
hereby sells, assigns and transfers to	

Assignment of Invention - Page 1 of 3

PATENT REEL: 044176 FRAME: 0576

ASS	IGNEE:	
		LEONHARD KURZ Stiftung & Co. KG
		(Type or print name of ASSIGNEE)
		Calmark on Channel 402
		Schwabacher Strasse 482 Address
		90763 Furth, Germany
and t	he succ	essors, assigns and legal representatives of the ASSIGNEE,
		(complete one of the following)
	\boxtimes	the entire right, title and interest
		an undivided percent (%) interest
for th	e Unite	d States and its territorial possessions
	\boxtimes	and in all foreign countries, including all rights to claim priority,
in and	d to any	and all improvements which are disclosed in the invention entitled:
MUL	TILAY	ER ELEMENT AND METHOD FOR PRODUCING SAME
and w	hich is	found in
		(check and complete (a), (b), (c), (d), (c), (f), or (g))
(a)		U.S. patent application executed on even date herewith
(b) (c)	H	U.S. patent application executed on U.S. provisional application naming the above inventor(s) for the above-identified
(0)	LJ	invention.
	\Box	Express Mail label No.:, mailed:
		To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing
(4)	$\overline{}$	date and application number when they become known
(d) (e)	\square	U.S. application Serial No filed on International application No. PCT/EP2016/055006
(f)		U.S. Patent No issued
		A change of address to which correspondence is to be sent regarding patent
(g)		maintenance fees is being sent separately. and any legal equivalent thereof in a foreign country, including the right to claim
(0)	<i>-</i>	priority

Assignment of Invention - Page 2 of 3

PATENT REEL: 044176 FRAME: 0577 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

	WARNING: Date of signing must be the same a	as the date of execution of the application if item (a) was checked
above.	26,10,2017	
Date:	and the second s	x han Al
	Date of signing	Ludwig Brehm
Date:	X 26.10.2017 Date of signing	x Mas fig
	Dute of signing	Klaus Pforte
Date:	december the second	x Passide
	Date of signing	Patrick Kramer
Date:	x September 23, 2017 Date of signing	x / con took
	Date of Signing	Karin Forster
NOTE:	No witnessing, notarization or legalization is necessification and prima facile evidence of execution 35 USC 261. U	sary. If the assignment is notarized or legalized then it will only be se next page if notarization is desired.
		☐ Notarization or Legalization Page Added.

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PATENT REEL: 044176 FRAME: 0578

RECORDED: 11/20/2017