504849396 04/03/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4896134

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15911699

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ATTORNEY DOCKET NUMBER:	P31109-US-CPS
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SIGNATURE:	/Kenneth J. Waite/
DATE SIGNED:	04/03/2018

Total Attachments: 3

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PATENT 504849396 REEL: 045420 FRAME: 0455

	Assignment of Rights, Title (Multiple inventors		Docket No. P31109-US-pd
Thi.	s is an Assignment of the following right	s, title and interest: (check all that apply):	
Ø	United States of America rights, title at	nd interest in the invention	
	Foreign rights, title and interest in the		
	United States Patent Application Seria		
		Date of Filing: March 11	, 2015
		cation Serial No.	
		ı Serial No	
Title	of the Invention		
	IDENTIFICATION OF PA	FIENTS WITH ABNORMAL FRACTIO	NAL SHORTENING
Inve	entors (assignors)		
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			-
<u> </u>			
Assi	gnee		
N	Name	Addre	255
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Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. P31109-US-pd

Whereas we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"):

And whereas we desire to assign our above-identified rights; title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventor's Signatures

feasible.

	IN WITNESS	WHEREOF,	l have executed	this assignment at	MU	19N	, TŢ9 r	1
2nà	day of	arch	, 20 16		(city and state o	er country lj	ontside USA)	•

Outside the USA:
Witnessex are required when acknowledgement before a
Notary Public is not

AND CONTRACT A DESCRIPTION OF THE PUBLIC SERVE M.

ANNOSOVETYA ANNOMENA VINA Serge Masson
Witness Inventor (Printed Name)

2 of 3

13 3 1 2 1 11 2 3 1 1 1 1 2 3 1 1 1 1 2 3 1 1 1 1	,20/16	inment at (city will state or country it outside 082)
Outside the USA; Witnesses are required when acknowledgement before a Notary Public is not feasible.	ZADIA FRAG Witness CAODIA FRAG Witness	Inventor (Signature) (SS) Roberto Latini Inventor (Printed Nume)