PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4550752

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. COLLINS SR	08/14/2017
JOSEPH J. LAMBERT	08/14/2017
MATTHEW N. BEARD	08/14/2017
PAUL C. ELLIOTT	08/10/2017

RECEIVING PARTY DATA

Name:	CEM CORPORATION
Street Address:	3100 SMITH FARM ROAD
Internal Address:	PO BOX 200
City:	MATTHEWS
State/Country:	NORTH CAROLINA
Postal Code:	28106-0200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15644938

CORRESPONDENCE DATA

Fax Number: (704)557-9932

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 704-926-3756

Email: records@parsonssumma.com

Correspondent Name: PARSONS SUMMA

Address Line 1: 15801 BRIXHAM HILL AVENUE

Address Line 2: SUITE 550

Address Line 4: CHARLOTTE, NORTH CAROLINA 28277

ATTORNEY DOCKET NUMBER:	1700.272
NAME OF SUBMITTER:	PHILIP SUMMA
SIGNATURE:	/Philip Summa/
DATE SIGNED:	08/15/2017
	-

Total Attachments: 8

PATENT REEL: 043296 FRAME: 0861

PATENT REEL: 043296 FRAME: 0862

assignment

WHEREAS, I, Michael J. Collins Sr., a U.S. citizen residing at Matthews, North Carolina (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in *Instrument for Analytical Sample Preparation*, for which a nonprovisional application for United States patent was filed on July 19, 2017 under Serial No. 15/6/4,938; and;

WHEREAS, CEM Corporation, a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at 3100 Smith Farm Road, Matthews, NC 28106, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to said invention and said application, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to bind my heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the ASSIGNEE complete title to said invention and Letters Patents, without further compensation, but at the expense of the ASSIGNEE, its successors, assigns and other legal representatives.

Assignment 15644938

Page 1 of 2

PATENT REEL: 043296 FRAME: 0863

IN WITNESS WHI	REOF, I have bereunto signed m	y name on the day and year set
forth below.		
Executed this 14	the day of <u>August</u>	_, 2017.
	Michael Ja	llen
	Mitchael J. Collins Sr.	
State of North Carolina County of Union)	
	ly appeared said Michael J. Colli	
foregoing instrument to be	his free act and deed this 14%	_day of
	Lat	Ruja E. Corner
	Notary P	ublijs
_		
My commission expires: <u></u>	4-19-2018	SEAL

Page 2 of 2

ASSIGNMENT

WHEREAS, I, Joseph J. Lembert, a U.S. citizen residing at Charlotte, North Carolina (bereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in *Instrument for Analytical Sample Preparation*, for which a nonprovisional application for United States patent was filed on July 10, 2017 under Serial No. 15/644,938; and:

WHEREAS, CEM Corporation, a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at 3100 Smith Farm Road, Matthews, NC 28106, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

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Assignment 15644938

IN WITNESS WHER	EOF, I have hereunto signe	d my name on the day and year set
forth below.		
Executed this 444	_day of _ <i>August</i>	, 2017.
		17, Pa
	Joseph J. Lefsbór	1 70
State of North Carolina County of Un: 57	}	
Before me personally foregoing instrument to be hi	appeared said Joseph J. Las free act and deed this $\underline{-} L$	trabert and acknowledged the Language 2017.
	H	Huy E. Conner
	• ****	~, · · · · · · ·
My commission expires: <u>04</u>	19-2018	SEAL

Assignment 15644938

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ASSIGNMENT

WHEREAS, I, Matthew N. Beard, a U.S. citizen residing at Huntersville, North Carolina (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in *Instrument for Analytical Sample Preparation*, for which a nonprovisional application for United States patent was filed on July 10, 2017 under Serial No. 15/644,938; and:

WHEREAS, CEM Corporation, a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at 3100 Smith Farm Road, Matthews, NC 28106, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

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I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to said invention and said application, and that I have the unencumbered right and authority to make this assignment.

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Executed this	L day of Magasi	<u>/,</u> 2017.
	1.1.	. , . 0
	<u> 100-</u>	2N. B. V
	Metthew N.	. Beard
State of North Carolina	,	
County of Union	3	
Before me personal	y appeared said Matth	hew N. Beard and schnowledged the
foregoing instrument to be	his free act and deed th	nis <u>144</u> day of <u>August</u> , 2017.
		Lathun E. Connac
		Notary Publis
· ·		
My commission expires:	4-19-21/8	e e e e e e e e e e e e e e e e e e e
lara commission extraces: "\(\times \)		SEAL

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set

Assignment 15644938

Page 2 of 2

ASSIGNMENT

WHEREAS, I, Paul C. Elliott, a U.S. citizen residing at Charlotte, North Carolina (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in *Instrument for Analytical Sample Preparation*, for which a nonprovisional application for United States patent was filed on July 19, 2017 under Serial No. 15/644,938; and;

WHEREAS, CEM Corporation, a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at 3100 Smith Farm Road, Matthews, NC 28106, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

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IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set
forth below.
Executed this 10 day of August 2017.
Al Die lan
Paul C. Ellion
State of North Carolina) County of Union)
Before me personally appeared said Paul C. Elliott and acknowledged the foregoing
instrument to be his free act and deed this 10 day of 114411, 2017.
· · · · · · · · · · · · · · · · · · ·
Hothey E. Corner Notary Public
NOTARY PROSC
My commission expires: <u>04-19-20/8</u> SEAL
My commission expires: 1/4-19-20/8 SEAL

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PATENT REEL: 043296 FRAME: 0870

RECORDED: 08/15/2017