506560387 03/17/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6607166

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARC KRYGER	06/24/2016
JOHN CHANGALA	06/24/2016

RECEIVING PARTY DATA

Name:	FEMTOMETRIX, INC.
Street Address:	2815 MCGAW AVENUE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92614

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16703709

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	FMETRX.010C2	
NAME OF SUBMITTER:	SERAH R. FRIEDMAN	
SIGNATURE:	/Serah Friedman/	
DATE SIGNED:	03/17/2021	

Total Attachments: 3

source=2021-03-17 Assignment (Kryger-Changala)- FMETRX.010C#page1.tif source=2021-03-17 Assignment (Kryger-Changala)- FMETRX.010C#page2.tif source=2021-03-17 Assignment (Kryger-Changala)- FMETRX.010C#page3.tif

PATENT 506560387 REEL: 055629 FRAME: 0364

Application Nos.: 14/690,179; 14/690,256; 14/690,251; 14/690,279; PCT/US2015/026263

Docket Number: FMETRX.007A; FMETRX.008A; FMETRX.010A; FMETRX.011A; FMETRX.011WO

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ASSIGNMENT

WHEREAS, **Viktor Koldiaev**, previously residing in Morgan Hill, California (now deceased), **Marc Kryger**, residing in Fountain Valley, Californa, and **John Changala**, residing in Tustin, California, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to WAFER METROLOGY TECHNOLOGIES (collectively hereinafter referred to as the "Work") for which the patent applications listed in the following table (hereinafter "the Applications") have been prepared and filed with the U.S. Patent and Trademark Office and other Patent Offices or Authorities;

Country	Application No.	Filing Date	<u>Title</u>
US	14/690,179	04/17/15	PUMP AND PROBE TYPE SECOND HARMONIC GENERATION METROLOGY
US	14/690,256	04/17/15	CHARGE DECAY MEASUREMENT SYSTEMS AND METHODS
US	14/690,251	04/17/15	FIELD-BIASED SECOND HARMONIC GENERATION METROLOGY
US	14/690,279	04/17/15	WAFER METROLOGY TECHNOLOGIES
PCT	PCT/US2015/026263	04/16/15	WAFER METROLOGY TECHNOLOGIES

Delaware

AND WHEREAS, FemtoMetrix, Inc., a Nevada Corporation with its principal place of business at 1850 East St. Andrew Place, Santa Ana, CA, 92705, US (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Applications and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Applications and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 61/980,860, filed April 17, 2014), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or

PATENT REEL: 055629 FRAME: 0365 Application Nos.: 14/690,179; 14/690,256; 14/690,251; 14/690,279; PCT/US2015/026263

Docket Number: FMETRX.007A; FMETRX.008A; FMETRX.010A; FMETRX.011A; FMETRX.011WO

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may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Applications and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Applications and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Vikt	tor Koldiaev		
Signature:		Date:	
Legal Name of inventor: Mar	rc Kryger		
Signature:	Marc Kryger	Date:6/	24/2016
Legal Name of inventor: Joh	n Changala		
Signature:		Date:	

23616540

Application Nos.: 14/690,179; 14/690,256; 14/690,251; 14/690,279; PCT/US2015/026263

Docket Number: FMETRX.007A; FMETRX.008A; FMETRX.010A; FMETRX.011A; FMETRX.011WO

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may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Applications and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Applications and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor:	Viktor Koldiaev	
Signature:		Date:
Legal Name of inventor:	Marc Kryger	
Signature:		Date:
Legal Name of inventor:	John Changala	

Dale: 24 June, 2016

23616540

RECORDED: 03/17/2021

Signature: