

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4076977

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SAM MANDEGARAN	09/28/2016
	HOSSEIN HASHEMI	09/28/2016
RECEIVING PARTY DATA		
Name:	ABTUM INC.	
Street Address:	5151 CALIFORNIA AVENUE	
Internal Address:	SUITE 150	
City:	IRVINE	
State/Country:	CALIFORNIA	
Postal Code:	92617	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15280083	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
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ATTORNEY DOCKET NUMBER:	60091US02	
NAME OF SUBMITTER:	GORDON K. LIN	
SIGNATURE:	/Gordon K. Lin/	
DATE SIGNED:	09/30/2016	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, Sam Mandegaran, residing at Pasadena, CA; Hossein Hashemi, residing at Pacific Palisades, CA; (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled Radio Frequency Complex Reflection Coefficient Reader for which Assignors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors ☐ concurrently herewith; or ☒ filed on September 29, 2016 as Application No. 15/280,083;

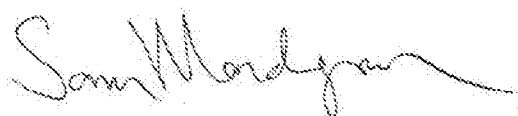
WHEREAS, Abtum Inc., having a place of business at 5151 California Avenue, Suite 150, Irvine, CA 92617, (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

We further authorize and direct the ASSIGNEE and its attorney to insert above, the application number and filing date of said application now identified as Attorney Docket No. 60091US02, as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

A handwritten signature in cursive script, appearing to read "Sam Mandegaran".

09/28/2016

Sam Mandegaran

Date



09/28/2016

Hossein Hashemi

Date