

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4667697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JASON CRABTREE	10/31/2017
ANDREW SELLERS	10/31/2017
IAN MACLEOD	10/31/2017
RECEIVING PARTY DATA	
Name:	FRACTAL INDUSTRIES, INC.
Street Address:	11091 SUNSET HILL ROAD
Internal Address:	SUITE 210
City:	RESTON
State/Country:	VIRGINIA
Postal Code:	20190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15790860
CORRESPONDENCE DATA	
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Address Line 4:	SILVERDALE, WASHINGTON 98383
ATTORNEY DOCKET NUMBER:	4938
NAME OF SUBMITTER:	ERIN DOBBS
SIGNATURE:	/Erin Dobbs/
DATE SIGNED:	10/31/2017
Total Attachments: 4	
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ASSIGNMENT (4938)

For good and valuable consideration, receipt of which is hereby acknowledged, I, Jason Crabtree, Andrew Sellers, and Ian MacLeod do hereby sell, assign and transfer unto **Fractal Industries, Inc.** having its principal place of business at 11091 Sunset Hill Road, Suite 210, Reston, VA 20190 USA (hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the patent application, docket number 4938 entitled "**CONTEXTUAL AND RISK-BASED MULTI-FACTOR AUTHENTICATION**" which bears application serial number 15/790,860, filed on October 23, 2017, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U. S. Letters Patent, and all divisions, reissues, substitutions, continuations, and extensions thereof which may be granted relating thereto in any country; and

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interface proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

For the additional consideration of one dollar (\$1), receipt of which is hereby acknowledged I, Jason Crabtree, Andrew Sellers, and Ian MacLeod do hereby sell, assign and transfer unto **Fractal Industries, Inc.** any residual rights, including all moral rights, related to the patent application, docket number 4938, entitled “**CONTEXTUAL AND RISK-BASED MULTI-FACTOR AUTHENTICATION**” which bears application serial number 15/790,860, filed on October 23, 2017, the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U. S. Letters Patent, and all divisions, reissues, substitutions, continuations, and extensions thereof which may be granted relating thereto in any country.

Signature of Assignor(s):



10/25/2017

Jason Crabtree

Date

Andrew Sellers

Date

Ian MacLeod

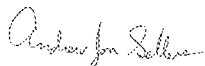
Date

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Signature of Assignor(s):

Jason Crabtree

Date



10/25/2017

Andrew Sellers

Date

Ian MacLeod

Date

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Signature of Assignor(s):

Jason Crabtree

Date

Andrew Sellers

Date



10/26/2017

Ian MacLeod

Date