

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5785951

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NATHAN COHEN	10/23/2019
RYAN THISTLE	10/23/2019
DANIEL EARLE	10/23/2019
PHILIP SALKIND	10/22/2019
ALEXANDER J. SHELMAN-COHEN	10/23/2019
RECEIVING PARTY DATA	
Name:	FRACTAL SYSTEMS, INC.
Street Address:	213 BURLINGTON ROAD
City:	BEDFORD
State/Country:	MASSACHUSETTS
Postal Code:	01730
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16216830
CORRESPONDENCE DATA	
Fax Number:	(617)951-3927
<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>	
Phone:	617-951-2500
Email:	docket@c-m.com
Correspondent Name:	CESARI AND MCKENNA, LLP
Address Line 1:	ONE LIBERTY SQUARE
Address Line 2:	SUITE 310
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	243002-0032U
NAME OF SUBMITTER:	G. MATTHEW MCCLOSKEY
SIGNATURE:	/G. Matthew McCloskey/
DATE SIGNED:	10/24/2019
Total Attachments: 2	

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ASSIGNMENT

Whereas We, Nathan Cohen, whose residence address is Belmont, MA, Ryan Thistle, whose residence address is Waltham, MA, Daniel Earle, whose residence address is Waltham, MA, Philip Salkind, whose residence address is Boston, MA, and Alexander J. Shelman-Cohen, whose residence address is Belmont, MA, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled VIVALDI HORN ANTENNAS INCORPORATING FPS, identified by Cesari and McKenna File No. 243002-0032U, the specification of which was filed on December 11, 2018 and accorded Serial No. 16/216,830; and

Whereas Fractal Antenna Systems, Inc., whose address is 213 Burlington Road, Bedford, MA, 01730, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

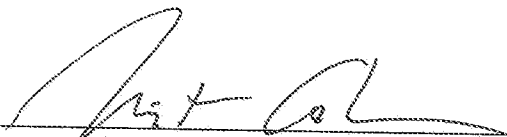
Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions

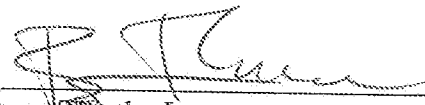
and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the dates indicated next to our names.

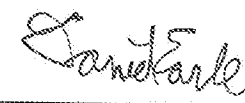
10/23/19
Date


Nathan Cohen, Inventor

10/23/19
Date


Ryan Thistle, Inventor


10/23/19
Date


Daniel Earle, Inventor

10/22/19
Date


Philip Salkind, Inventor

10/23/19
Date


Alexander J. Shelman-Cohen, Inventor