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PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRACY A. BARKER	01/27/2014
JAMES L. BRAUN	01/27/2014

RECEIVING PARTY DATA

Name:	AVANTECH, INC.
Street Address:	2050 AMERICAN ITALIAN WAY
City:	COLUMBIA
State/Country:	SOUTH CAROLINA
Postal Code:	29202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15899150

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	24117/09004-CON
NAME OF SUBMITTER:	CRAIG N. KILLEN
SIGNATURE:	/Craig N. Killen, Reg. No. 35,218/
DATE SIGNED:	03/08/2018

Total Attachments: 3

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PATENT 504811285 REEL: 045148 FRAME: 0591

ASSIGNMENT

WHEREAS, we, Tracy A. Barker, a citizen of the United States, residing at 148 Buckhead Drive, Irmo, SC 29063; and James L. Braun, a citizen of the United States, residing at 323 Steeplecrest North, Irmo, SC 29063, have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in U.S. patent application serial no. 14/153,291 (filed on January 13, 2014, and entitled "Apparatus and Method for Removal of Radionuclides in Liquids") and U.S. patent application serial no. 14/153,277 (filed on January 13, 2014, and entitled "Apparatus and Method for Removal of Radionuclides in Liquids") (collectively referred to hereinafter as "said application(s)"), and

WHEREAS, AVANTech, Inc. (hereinafter together with its successors and assigns referred to as "the Assignee"), a South Carolina corporation, having a place of business at 95-A Sunbelt Boulevard, Columbia, SC 29203, is desirous of obtaining all intellectual property rights relating to said invention(s) and said application(s); and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application(s), including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application(s), and any and all Letters Patent which may issue thereon in the United States and foreign countries and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said application(s), to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application(s), and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by us had this Assignment not been made. We hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in our name, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or the applicable laws of a particular jurisdiction.

We hereby authorize the responsible officer of the Patent and Trademark Office of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

PATENT REEL: 045148 FRAME: 0592 We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers, including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date(s) indicated below.

Date: 1/27/2014	Jay & Barker
	Tracy A. Barker
STATE OF SOUTH CAROLNA)

On this 27th day of Lawary, 2014, before me came Tracy A. Barker, to me known and known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

Notary Public

COUNTY OF RICHLAND

My commission expires: 10/06/2020

Date: 1-27-14 James L. Braun
STATE OF SOUTH CAROLINA) COUNTY OF RICHLAND)
On this Z7th day of Jawary, 2014, before me came James L. Braun, to me known and known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.
Notary Public My commission expires: 10/06/2020

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