

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4282970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL A. FRIEDMAN	01/10/2010
CHARLES J. BRUCE	12/22/2010
SAMUEL J. ASIRVATHAM	01/11/2011
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15416258
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NAME OF SUBMITTER:	KEVIN W. RAASCH
SIGNATURE:	/Kevin W Raasch/
DATE SIGNED:	02/21/2017
Total Attachments: 3	
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ASSIGNMENT

Whereas We, Paul A. Friedman, Charles J. Bruce, and Samuel J. Asirvatham, along with Trevor A. McCaw, and Elliot Y.K. Hong, with residences and citizenships as indicated below; have made an invention in

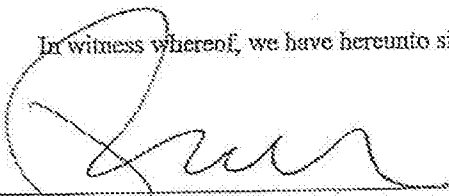
ENHANCED SIGNAL NAVIGATION AND CAPTURE SYSTEMS AND METHODS

International Patent Application No. PCT/US2010/050835, filed 30 September 2010
U.S. Provisional Patent Application Serial No. 61/247,276, filed 30 September 2009

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we, Paul A. Friedman, Charles J. Bruce, Samuel J. Asirvatham, have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Mayo Foundation for Medical Education and Research, ("ASSIGNEE"), a corporation of Minnesota, having its principal office at 200 First Street SW, Rochester, Minnesota 55903, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Patents, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Patents, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Patents, Utility Models, or Inventors' Certificates in any and all countries;

In witness whereof, we have hereunto signed our names on the days and years set forth below.

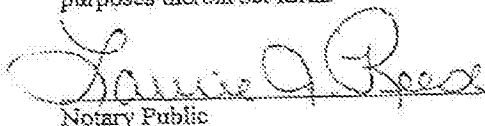


Name: Paul A. Friedman
Address: 1408 Woodland Drive SW, Rochester, Minnesota 55902
Citizenship: US

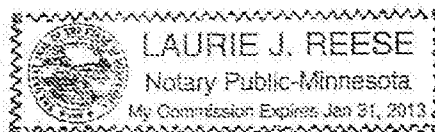
1-10-10
Date

STATE OF Minnesota)
) ss.
COUNTY OF Ansted)

On this 10 day of January, 2011, before me personally appeared Paul A. Friedman, to me known to be the person described in and who executed the foregoing instrument, and he executed the same for the uses and purposes therein set forth.



Notary Public



Assignment

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Int'l Appln. No.: PCT/US2010/050835

Int'l Filing Date: 30 September 2010

For: ENHANCED SIGNAL NAVIGATION AND CAPTURE SYSTEMS AND METHODS

Charles J. Bruce

Name: Charles J. Bruce

Address: 413 Eagle Lane SW, Rochester, Minnesota 55902

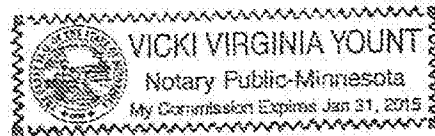
Citizenship: US

12/22/2010
Date

STATE OF Minnesota)
COUNTY OF Ansted) ss.

On this 22nd day of December 2010, before me personally appeared Charles J. Bruce, to me known to be the person described in and who executed the foregoing instrument, and he executed the same for the uses and purposes therein set forth.

Vicki Virginia Yount
Notary Public



Assignment

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Int'l Appln. No.: PCT/US2010/050835

Int'l Filing Date: 30 September 2010

For: ENHANCED SIGNAL NAVIGATION AND CAPTURE SYSTEMS AND METHODS

Name: Samuel J. Asirvatham

Address: 1025 Foxcroft Circle, Rochester, Minnesota 55902

Citizenship: US

Date

STATE OF Minnesota

COUNTY OF Dlmsted

On this 11 day of January, 2011, before me personally appeared Samuel J. Asirvatham, to me known to be the person described in and who executed the foregoing instrument, and he executed the same for the uses and purposes therein set forth.

Laurie J. Reese
Notary Public

