PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4922909

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 3RD INVENTOR'S NAME previously recorded on Reel 045515 Frame 0399. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
PETER T. ANDERSON	03/28/2002
GERALD L. BEAUREGARD	03/28/2002
CHRISTOPHER D. CHERRY	03/28/2002

RECEIVING PARTY DATA

Name:	VISUALIZATION TECHNOLOGY
Street Address:	439 SOUTH UNION STREET
City:	LAWRENCE
State/Country:	MASSACHUSETTS
Postal Code:	01843

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11024925

CORRESPONDENCE DATA

Fax Number: (617)542-8906

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.

617-542-5070 Phone: Email: apsi@FR.COM

Correspondent Name: JAMES H. RICHARD

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	07508-0170003	
NAME OF SUBMITTER:	ARLENE F. YATES	
SIGNATURE:	/Arlene F. Yates/	
DATE SIGNED:	04/19/2018	

Total Attachments: 7

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PATENT REEL: 045975 FRAME: 0120

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04/12/2018 504865037

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4911777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER T. ANDERSON	03/28/2002
GERALD L. BEAUREGARD	03/28/2002
CHRISTOPHER E. CHERRY	03/28/2002

RECEIVING PARTY DATA

Name:	VISUALIZATION TECHNOLOGY
Street Address:	439 SOUTH UNION STREET
City:	LAWRENCE
State/Country:	MASSACHUSETTS
Postal Code:	01843

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11024925

CORRESPONDENCE DATA

Fax Number: (617)542-8906

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-542-5070 Email: apsi@FR.COM

JAMES H. RICHARD **Correspondent Name:**

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O. BOX 1022

MINNEAPOLIS, MINNESOTA 55440-1022 Address Line 4:

ATTORNEY DOCKET NUMBER: 07508-0170003 NAME OF SUBMITTER: ARLENE F. YATES SIGNATURE: /Arlene F. Yates/ **DATE SIGNED:** 04/12/2018

Total Attachments: 6

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this <u>28</u> day of <u>March</u>, <u>2002</u>, by Gerald L. Beauregard, Peter T. Anderson and Christopher D. Cherry (hereinafter referred to as Assignors), residing at 1 Wingate Street, Hampton, NH 03842; 42 River Street, Andover, MA 01810-5908; and 87 Teele Road, Bolton, MA 01740, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MAGNETIC TRACKING SYSTEM, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, VISUALIZATION TECHNOLOGY, INC., a Corporation organized under and pursuant to the laws of Massachusetts, having its principal place of business at 439 South Union Street, Lawrence, Massachusetts 01843 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

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same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

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with the rules of the United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

William C. Geary III	31,359	Ronald E. Cahill	38,403	Herbert A. Newborn	42,031
Thomas J. Engellenner	28,711	Lisa J. Michaud	44,238	Tram Anh T. Nguyen	47,257
David J. Powsner	31,868	Reza Mollaaghababa	43,810	Jasbir Sagoo	51,177

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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Muld J. Beauregard

Gerald L. Beauregard

Date: March 28, 2002	·
United States of America)	
State of Massachusetts) ss.:	
County of Middle Sex	
On this 28th day of March personally came Gerald L. Beauregard described in and who executed the foregoing is of the same.	to me known to be the individual
of the same.	Carissa C Adey
	Notary Public

Carissa C. Foley Notary Public, Commonwealth of Massachusetts My Commission Expires June 21, 2007

Peter T. Anderson

Date: Date:
United States of America) State of Massachusetts) ss.: County of Massachusetts)
On this 28th day of March, 2002, before me personally came Peter T. Anderson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
Carissa C. Foley Carissa C. Foley Carissa C. Foley Carissa C. Foley Notary Public, Carissa C. Foley Notary Public, Carissa C. Foley Notary Public, Carissa C. Foley My Commission Carissa C. Foley Analysis Carissa C. Foley Carissa C.

Christopher D. Cherry

Date: 28 March 2003	<u></u>		
United States of America)		
State of Massachusetts) ss.:		
County of Middle SEX)		
On this 28th day of personally came Christoph	March ner D. Cherry	$\frac{2002}{\text{, to me known to}}$, before me o be the individual
described in and who executed the		rument, and acknowle	dged execution
of the same.	i	Carisa C	Foley
	(Notary Public	

1089521.1

Public Chilist G. Foley

Public Chilist G. Foley

Carlssa J. Foley

Notary Public, Commonwealth of Massachusetts

My Commission Expirations 21, 2007

PATENT REEL: 045975 FRAME: 0128

RECORDED: 04/19/2018