PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5316888

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PGS AMERICAS, INC	11/09/2018

RECEIVING PARTY DATA

Name:	GEOSPACE TECHNOLOGIES CORPORATION
Street Address:	7007 PINEMONT DR.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77040

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15921834

CORRESPONDENCE DATA

Fax Number: (713)228-6605

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.

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Correspondent Name: BLANK ROME LLP - HOUSTON GENERAL
Address Line 1: 717 TEXAS AVENUE, SUITE 1400
Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	3325-0031USC
NAME OF SUBMITTER:	DAVID M. WILSON
SIGNATURE:	/David M. Wilson-sulla/
DATE SIGNED:	01/09/2019

Total Attachments: 10
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (this "Assignment"), dated as of November 9, 2018 (the "Effective Date"), is made and entered into by and between PGS Americas, Inc., a Delaware corporation ("***PGS Americas***") and Geospace Technologies Corporation, a Texas corporation ("***Geospace***"). PGS Americas and Geospace are each referred to individually as a "Party" and collectively as the "Parties."

The Parties hereto agree as follows:

1. Definitions. Capitalized terms used but not otherwise defined herein have the meanings set forth in the Asset Purchase Agreement.

2. Assignment. PGS Americas hereby transfers and assigns to Geospace, and Geospace hereby accepts, free and clear of any Liens, all right, title and interest of PGS Americas in and to the Registered Intellectual Property Rights, including, without limitation:

(a) all patents, patent applications, patent disclosures, and statutory invention registrations listed in Schedule A, including any other counterparts of any of the foregoing worldwide, and including all provisional, divisionals, continuations, continuations-in-part, requests for continued examination, continued prosecution applications, re-issues, re-examinations, any national phase PCT applications, any PCT international applications, and any patents issuing or granted from any of the foregoing applications or claiming priority to any of the foregoing applications or patents or serving as a basis for a claim of priority for any of the foregoing applications or patents;

(b) all trademarks listed in Schedule B, together with all translations, adaptations, derivations and combinations of the foregoing, together with all of the goodwill associated with any of the foregoing, and all registrations and applications for registration thereof, including all extensions, modifications and renewals of same, and also including, by way of non-limiting example, the trademarks; and

(c) all income, royalties, damages, claims, and payments now or hereafter due or payable with respect to any of the foregoing, all causes of action for past, present, or future infringement based upon, relating to, or arising out of any of the foregoing, and all rights corresponding to the foregoing throughout the world.

[Signature Page Attached]

IN WITNESS WHEREOF, the Parties hereto have caused this Assignment to be executed by their respective duly authorized officers as of the date first above written.

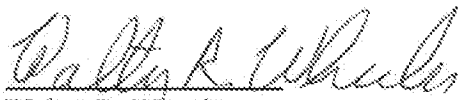
ASSIGNOR:

For **PGS Americas, Inc.**

By: _____
Name: _____
Title: _____

ASSIGNEE:

For **Geospace Technologies Corporation**

By: 
Name: Walter R. Wheeler
Title: President and CEO

[Signature Page to Patent Assignment Agreement]

IN WITNESS WHEREOF, the Parties hereto have caused this Assignment to be executed by their respective duly authorized officers as of the date first above written.

ASSIGNOR:

For **PGS Americas, Inc.**

By: _____
Name: Magne Reiersgard
Title: Vice-President

ASSIGNEE:

For **Geospace Technologies Corporation**

By: _____
Name: Walter R. Wheeler
Title: President and CEO

[Signature Page to Patent Assignment Agreement]

Schedule A

Patents and Patent Applications

Jur	#	Title/Description
US	6606186	Dynamic Fiber Optic Sensor Signal Processing Scheme
GB	2391124	Fiber-optic seismic array telemetry, system and method
GB	2417627	Fiber-optic seismic array telemetry,. system and method
GB	0521926.6	Fiber-optic seismic array telemetry, system and method
GB	2420177	Fiber-optic seismic array telemetry, system and method
US	6850461	Fiber-optic seismic array telemetry, system and method
US	6982925	Fiber-optic seismic array telemetry, system and method
US	6970396	Fiber-optic seismic array telemetry, system and method
GB	2378607	Fiber-optic hydrophone
NO	330841	Fiber-optic hydrophone
US	6549488	Fiber-optic hydrophone
AU	748184	Fiber optic sensor system and method
CA	2305437	Fiber optic sensor system and method
CN	ZL99802295.0	Fiber optic sensor system and method
HK	HK1035780	Fiber optic sensor system and method
US	6314056	Fiber optic sensor system and method
BR	PI9907143-6	Fiber optic sensor system and method
EA	200000751	Fiber optic sensor system and method
EP	99903211.3	Fiber optic sensor system and method
MX	2000/007196	Fiber optic sensor system and method
NO	20003753	Fiber optic sensor system and method
SA	00210287	Fiber optic sensor system and method
BR	PI0507829-6	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array
GB	2426817	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array
MX	261166	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array

Jur	#	Title/Description
NG	151/2006	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array
NO	338587	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array
US	7154082	Frequency division and/or wavelength division multiplexed recursive fiber optic telemetry scheme for an optical sensor array
AU	2006201171	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
BR	PI0601039-3	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
CA	2535057	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
EG	024977	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
GB	2424700	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
GB	2467069	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
GB	2467068	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
ID	ID P0029298	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
IN	273040	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
IN	2910/KOLNP/2015	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
MX	259531	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
NO	338426	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
NO	339563	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer

Jur	#	Title/Description
US	7222534	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
VE	P-641/06	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
CN	200610073348.9	Optical accelerometer, optical inclinometer and seismic sensor system using such accelerometer and inclinometer
AO	1025	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
AU	2007200604	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
BR	PI0700414-1	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
CA	2574192	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
CN	200710085249.7	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
EP	EP1821107	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
FR	EP1821107	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
GB	EP1821107	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
ID	ID00026768	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
IN	1327/KOL/2006	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
MX	271606	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
MY	MY-140460-A	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
NG	NG/C/2008/394	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system

Jur	#	Title/Description
NO	337984	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
US	7349591	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
VE	P-307/07	Pressure compensated optical accelerometer, optical inclinometer and seismic sensor system
AU	2008261112	Sensor cable and multiplexed telemetry system for seismic cables having redundant/reversible optical connections
EP	09150374.8	Sensor cable and multiplexed telemetry system for seismic cables having redundant/reversible optical connections
US	7622706	Sensor cable and multiplexed telemetry system for seismic cables having redundant/reversible optical connections
AU	2013209384	System and method of a reservoir monitoring system
BR	BR102013019971-0	System and method of a reservoir monitoring system
GB	2506002	System and method of a reservoir monitoring system
GB	2549851	System and method of a reservoir monitoring system
NO	20130979	System and method of a reservoir monitoring system
US	9316756	System and method of a reservoir monitoring system
AU	2015200537	Subsea cable having floodable optical fiber conduit
BR	BR102015002772-9	Subsea cable having floodable optical fiber conduit
CN	Not yet assigned	Subsea cable having floodable optical fiber conduit
EP	15155025.8	Subsea cable having floodable optical fiber conduit
MX	MX/A/2015/002126	Subsea cable having floodable optical fiber conduit
US	14/452,211	Subsea cable having floodable optical fiber conduit
US	61/941389	Pressure balanced subsea optical cable
AU	2015200150	Hydrophone
BR	BR102015001878-9	Hydrophone
CN	201510049832.7	Hydrophone
EP	15152820.5	Hydrophone
MX	MX/A/2015/001417	Hydrophone
US	9784861	Hydrophone

Jur	#	Title/Description
US	61/934357	Fiber optic pressure balanced hydrophone
EP	EP15187660.4	Apparatuses. systems, and methods for accelerometers
US	62/059,282	Accelerometer
US	9829503	Apparatuses, systems, and methods for accelerometers
EP	15187663.8	Clamp and bending strain relief apparatus and methods
US	62/059,493	A structure to attach cable
US	9746633	Clamp and bending strain relief apparatus and methods
US	15/657756	Clamp and bending strain relief apparatus and methods
AU	2015230692	Floodable optical apparatus, methods and systems
BR	BR102015025227-7	Floodable optical apparatus, methods and systems
CN	201510635212.1	Floodable optical apparatus, methods and systems
EP	15187662.0	Floodable optical apparatus, methods and systems
MX	MX/A/2015/014028	Floodable optical apparatus, methods and systems
US	62/059,271	Fiber optic subsea PRM cable featuring free flooded sensor stations
US	14/820,993	Floodable optical apparatus, methods and systems
AU	2015230698	Pressure-balanced seismic sensor package
BR	BR102015025087-8	Pressure-balanced seismic sensor package
CN	201510638878.2	Pressure-balanced seismic sensor package
EP	15187661.2	Pressure-balanced seismic sensor package
MX	MX/A/2015/014030	Pressure-balanced seismic sensor package
US	62/059,565	Pressure balanced, four component, modular fiber optic sensor package
US	9,927,221	Pressure-balanced seismic sensor package
US	15/921,834	Pressure-balanced seismic sensor package
EP	15870668.9	Branching device for fiber optic circuits
WO	PCT/US2015/63699	Branching device for fiber optic circuits
US	62/093,177	Branching device for fiber optic circuits
US	9606292	Branching device for fiber optic circuits
EP	15870664.8	Optical filter
WO	PCT/US2015/63673	Optical filter
US	62/093,204	Pressure equalized passive bulk optic thin film optical filter
US	15/529,443	Optical filter

Jur	#	Title/Description
AU	2015363065	Pressure insensitive interferometer
BR	BR112017011049-0	Pressure insensitive interferometer
CN	201580068955.3	Pressure insensitive interferometer
EP	15870666.3	Pressure insensitive interferometer
MX	MX/A/2017/008068	Pressure insensitive interferometer
WO	PCT/US2015/63680	Pressure insensitive interferometer
US	62/093,187	Pressure insensitive interferometer
US	15/529,444	Pressure insensitive interferometer
US	62/202,198	Vented optical tubes
US	15/169,131	Vented optical tubes
US	62/202,260	Staggered optical fiber splices
US	9823433	Staggered optical fiber splices
US	62/202,247	Tube reattachment
US	9823416	Tube reattachment
US	62/723,903	Fiber optic sensor and system including a fiber of an optical cable as a sensor fiber

Schedule B
Trademarks and Trademark Applications

Jur	#	Title/Description
US	4,294,486	Optoseis
BR	830286810	Optoseis
BR	830286802	Optoseis
AU	1142702	Optoseis
NO	234874	Optoseis
GB	2413275	Optoseis
IN	1825232	Optoseis
ID	IDM000344608	Optoseis
ID	IDM00329867	Optoseis
CA	840,948	Optoseis
MY	2010013446	Optoseis
MY	2010013445	Optoseis
MX	1180229	Optoseis
MX	1109823	Optoseis