

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BHGE VENTURES & GROWTH, LLC	01/22/2019

RECEIVING PARTY DATA

Name:	NEXTSTREAM WIRED PIPE, LLC
Street Address:	300 NORTHEAST 9TH STREET
City:	OKLAHOMA CITY
State/Country:	OKLAHOMA
Postal Code:	73104

PROPERTY NUMBERS Total: 38

Property Type	Number
Application Number:	12841254
Application Number:	14946913
Application Number:	13687618
Application Number:	13948303
Application Number:	15670570
Application Number:	13754539
Application Number:	13850539
Application Number:	13724416
Application Number:	13719802
Application Number:	13687699
Application Number:	13687551
Application Number:	13687563
Application Number:	13753205
Application Number:	13687816
Application Number:	13850384
Application Number:	15918061
Application Number:	13904297
Application Number:	13889815
Application Number:	13923833
Application Number:	13929470

PATENT

Property Type	Number
Application Number:	13961227
Application Number:	14258333
Application Number:	14012391
Application Number:	14087422
Application Number:	14194991
Application Number:	14161885
Application Number:	15705453
Application Number:	14736944
Application Number:	14460425
Application Number:	14568980
Application Number:	13142612
Application Number:	13658261
Application Number:	15185925
Application Number:	13546059
Application Number:	14193556
Application Number:	14818928
Application Number:	15213891
Application Number:	12470842

CORRESPONDENCE DATA

Fax Number: (405)228-7306

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.

Phone: 405 552-2306

Email: anthony.rahhal@mcafeetaft.com

Correspondent Name: ANTHONY L. RAHHAL

Address Line 1: 211 NORTH ROBINSON

Address Line 2: TENTH FLOOR, TWO LEADERSHIP SQUARE

Address Line 4: OKLAHOMA CITY, OKLAHOMA 73102

ATTORNEY DOCKET NUMBER:	24851.00145
NAME OF SUBMITTER:	ANTHONY L. RAHHAL
SIGNATURE:	/Anthony L. Rahhal/
DATE SIGNED:	01/22/2019

Total Attachments: 10

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ASSIGNMENT

WHEREAS, BHGE Ventures & Growth, LLC, a Delaware Limited Liability Company, having an address of 300 N.E. 9TH ST., Oklahoma City, Oklahoma 73104 (the "Assignor") was the sole owner and is currently the sole owner of record in and to certain new and useful improvements disclosed in certain Letters Patent, and/or applications for Letters Patent (all right, title and interest therein referred to collectively as the "Patent Rights"), as listed in Exhibit A, attached hereto.

And WHEREAS, NextStream Wired Pipe, LLC, a Delaware Limited Liability Company, having a mailing address of 300 Northeast 9th Street, Oklahoma City, Oklahoma 73104 ("NEXTSTREAM") is desirous of acquiring the entire right, title and interest in said Patent Rights;

And WHEREAS, NEXTSTREAM, together with any successors, legal representatives, or assigns thereof, desires to acquire the entire aforesaid Patent Rights throughout the world; and all right, title and interest in, to and under any and all corresponding Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby confirms that it has sold, assigned, transferred, and set over and does hereby sell, assign, transfer, and set over to NEXTSTREAM, effective October 9, 2018, all said Patent Rights in the United States and throughout the entire world, and all right, title and interest in and to any and all divisions, continuations, substitutions, continuations-in-part, re-examinations, reissues and extensions thereof, and any and all Letters Patent of the United States and non-U.S. countries which may be granted therefor on such inventions or improvements; and specifically including all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and applications for patents (including related rights such as utility-model registrations, inventors certificates and the like) heretofore or hereafter filed for such applications in any United States or non-U.S. countries and all patents granted for such applications in the United States and any non-U.S. country, and we do hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of any non-U.S. countries whose duty it is to issue patents on applications as aforesaid, to issue any and all Letters Patent on such inventions or resulting from said applications and from any and all divisions, continuations, and reissues thereof to NEXTSTREAM in accordance with the terms of this Assignment.

The assignments and transfers described herein are to be held and enjoyed by NEXTSTREAM for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States and non-US countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. We further hereby assign and transfer to NEXTSTREAM whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit

EXHIBIT A

Title	Country	Appl. Date	Appl. No.	Grant Date	Pat. No.
Wired Conduit Segment and Method of Making Same	DE	07-22-2010	10802907.5	10-25-2017	2456948
Wired Conduit Segment and Method of Making Same	EP	07-22-2010	10802907.5	10-25-2017	2456948
Wired Conduit Segment and Method of Making Same	FR	07-22-2010	10802907.5	10-25-2017	2456948
Wired Conduit Segment and Method of Making Same	GB	07-22-2010	10802907.5	10-25-2017	2456948
Wired Conduit Segment and Method of Making Same	NO	07-22-2010	10802907.5	10-25-2017	2456948
Wired Conduit Segment and Method of Making Same	RU	07-22-2010	2012106419	03-27-2016	2579082
Wired Conduit Segment and Method of Making Same	US	07-22-2010	12841254	06-02-2015	9044798
Transmission Line for Drill Pipes and Downhole Tools	BR	11-21-2013	112015012224-8		
Transmission Line for Drill Pipes and Downhole Tools	GB	11-21-2013	1511136.2		
Transmission Line for Drill Pipes and Downhole Tools	NO	11-21-2013	20150654		
Transmission Line for Drill Pipes and Downhole Tools	US	11-20-2015	14/946913	02-28-2017	9581016
Transmission Line for Drill Pipes and Downhole Tools	US	11-28-2012	13/687618	01-05-2016	9228686
Shoulder Ring for Transmission Line and Transmission Devices	BR	07-23-2014	112016000580-5		

Shoulder Ring for Transmission Line and Transmission Devices	EP	07-23-2014	14829623.9		
Shoulder Ring for Transmission Line and Transmission Devices	US	07-23-2013	13/948303	01-03-2017	9534455
Maintaining Tension of a Transmission Line in a Tubular	BR	01-29-2014	112015015252-0		
Maintaining Tension of a Transmission Line in a Tubular	GB	01-29-2014	1513544.5	05-31-2017	2526013
Maintaining Tension of a Transmission Line in a Tubular	NO	01-29-2014	20150655		
Maintaining Tension of a Transmission Line in a Tubular	US	08-07-2017	15/670570		
Maintaining Tension of a Transmission Line in a Tubular	US	01-30-2013	13/754539	09-12-2017	9759017
Wired Pipe Coupler Connector	BR	03-26-2014	BR112015023871-8		
Wired Pipe Coupler Connector	CN	03-26-2014	201480016408.6	05-15-2018	ZL201480016408.6
Wired Pipe Coupler Connector	DE	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	EP	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	FR	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	GB	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	IT	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	NO	03-26-2014	14774390.0	12-06-2017	2978922
Wired Pipe Coupler Connector	US	03-26-2013	13/850539	04-05-2016	9303464
Electronic Frame for Use With Coupled Conduit Segments	BR	12-13-2013	112015013968-0		

Electronic Frame for Use With Coupled Conduit Segments	GB	12-13-2013	1512695.6	05-02-2018	2527430
Electronic Frame for Use With Coupled Conduit Segments	NO	12-13-2013	20150700		
Electronic Frame for Use With Coupled Conduit Segments	US	12-21-2012	13/724416	11-07-2017	9810806
Pressure Compensation Device for Thread Connections	BR	12-13-2013	112015013998-1		
Pressure Compensation Device for Thread Connections	GB	12-13-2013	1512255.9	08-30-2017	2526004
Pressure Compensation Device for Thread Connections	NO	12-13-2013	20150719	04-09-2018	342181
Pressure Compensation Device for Thread Connections	US	12-19-2012	13/719802	08-04-2015	9097068
Wired Pipe Coupler Connector	US	11-28-2012	13/687699	06-09-2015	9052043
Wired Pipe Coupler Connector	BR	11-21-2013	112015012109-8		
Wired Pipe Coupler Connector	GB	11-21-2013	1511135.4	12-28-2016	GB2524416
Wired Pipe Coupler Connector	NO	11-21-2013	20150697	03-26-2018	342123
Wired Pipe Coupler Connector	US	11-28-2012	13/687551	03-22-2016	9291005
Transmission Line for Wired Pipe	BR	11-21-2013	112015011882-8		
Transmission Line for Wired Pipe	GB	11-21-2013	1511138.8	08-02-2017	2524917
Transmission Line for Wired Pipe	NO	11-21-2013	20150699		
Transmission Line for Wired Pipe	US	11-28-2012	13/687563		

Tube Locking Mechanism for Downhole Components	BR	01-29-2014	112015016186-3		
Tube Locking Mechanism for Downhole Components	GB	01-29-2014	1513521.3	06-15-2016	2526012
Tube Locking Mechanism for Downhole Components	NO	01-29-2014	20150736	04-09-2018	342182
Tube Locking Mechanism for Downhole Components	US	01-29-2013	13/753205	02-09-2016	9255451
Wired Pipe Coupler Connector	BR	11-21-2013	112015012116-0		
Wired Pipe Coupler Connector	GB	11-21-2013	1511139.6	08-24-2016	GB2524417
Wired Pipe Coupler Connector	NO	11-21-2013	20150698	03-26-2018	342122
Wired Pipe Coupler Connector	US	11-28-2012	13/687816	03-24-2015	8986028
Transmission Line for Wired Pipe	EP	03-26-2014	14774537.6		
Transmission Line for Wired Pipe	US	03-26-2013	13/850384	08-08-2017	9725963
Transmission Line for Wired Pipe	US	03-12-2018	15/918061		
Transmission Line for Wired Pipe	US	05-29-2013	13/904297	03-13-2018	9915103
Coupled Electronic and Power Supply Frames for Use With Borehole Conduit Connections	GB	04-28-2014	1520801.0		
Coupled Electronic and Power Supply Frames for Use With Borehole Conduit Connections	NO	04-28-2014	20151670		

Coupled Electronic and Power Supply Frames for Use With Borehole Conduit Connections	US	05-08-2013	13/889815	03-21-2017	9598951
Electronics Frame With Shape Memory Seal Elements	US	06-21-2013	13/923833	04-07-2015	9000296
Application and Maintenance of Tension to Transmission Line in Pipe	BR	06-27-2014	112015031388-4		
Application and Maintenance of Tension to Transmission Line in Pipe	CN	06-27-2014	201480035450.2	12-29-2017	ZL201480035450.2
Application and Maintenance of Tension to Transmission Line in Pipe	EP	06-27-2014	14818772.7		
Application and Maintenance of Tension to Transmission Line in Pipe	US	06-27-2013	13/929470	08-01-2017	9722400
Retention Device for Drill Pipe Transmission Line	BR	08-01-2014	112016002595-4		
Retention Device for Drill Pipe Transmission Line	EP	08-01-2014	14833842.9	06-06-2018	EP3030747
Retention Device for Drill Pipe Transmission Line	GB	08-01-2014	14833842.9	06-06-2018	EP3030747
Retention Device for Drill Pipe Transmission Line	NO	08-01-2014	14833842.9	06-06-2018	EP3030747
Retention Device for Drill Pipe Transmission Line	US	08-07-2013	13/961227	12-26-2017	9850718
Apparatus and Method for Drill Pipe Transmission Line Connections	US	04-22-2014	14/258333	09-26-2017	9771791

Electronic Frame for Use With Coupled Conduit Segments	US	08-28-2013	14/012391	05-09-2017	9644433
Wired Pipe and Method of Manufacturing Wired Pipe	BR	11-21-2014	BR112016011607-0		
Wired Pipe and Method of Manufacturing Wired Pipe	CN	11-21-2014	201480071129.X		
Wired Pipe and Method of Manufacturing Wired Pipe	EP	11-21-2014	14863193.0		
Wired Pipe and Method of Manufacturing Wired Pipe	US	11-22-2013	14/087422	12-06-2016	9512682
Transmission Line for Wired Pipe, and Method	US	03-03-2014	14/194991	03-21-2017	9601237
Wired Pipe Erosion Reduction	EP	01-22-2015	15740552.3		
Wired Pipe Erosion Reduction	US	01-23-2014	14/161885	04-04-2017	9611702
Wired Pipe Coupler Connector	BR	06-09-2016	BR112017025733-5		
Wired Pipe Coupler Connector	EP	06-09-2016	16808287.3		
Wired Pipe Coupler Connector	SA	06-09-2016	517390471		
Wired Pipe Coupler Connector	US	09-15-2017	15/705453		
Wired Pipe Coupler Connector	US	06-11-2015	14/736944	09-19-2017	9768546
Wired Pipe Coupler Connector	BR	08-13-2015	BR112017002373-3		
Wired Pipe Coupler Connector	EP	08-13-2015	15832267.7		
Wired Pipe Coupler Connector	US	08-15-2014	14/460425		

Reliable Wire-Pipe Data Transmission System	AU	05-29-2017	2017203573		
Reliable Wired-Pipe Data Transmission System	AU	12-23-2009	2009332979	11-12-2015	2009332979
Reliable Wired-Pipe Data Transmission System	BR	12-23-2009	PI0918681-6		
Reliable Wired-Pipe Data Transmission System	EP	12-23-2009	09837044.8		
Reliable Wired-Pipe Data Transmission System	MX	12-23-2009	MX/a/2013/012825	03-25-2015	328843
Reliable Wired-Pipe Data Transmission System	MX	12-23-2009	MX/a/2011/007169	11-04-2013	314935
Reliable Wired-Pipe Data Transmission System	RU	12-23-2009	2011132400	4-20-2014	2513120
Reliable Wired-Pipe Data Transmission System	US	12-12-2014	14/568980	02-27-218	9903197
Reliable Wired-Pipe Data Transmission System	US	12-23-2009	13/142612	01-27-2015	8941384
High-Speed Downhole Sensor and Telemetry Network	AU	10-23-2012	2012329100		
High-Speed Downhole Sensor and Telemetry Network	BR	10-23-2012	112014009959-6		
High-Speed Downhole Sensor and Telemetry Network	EP	10-23-2012	12844045.0		
High-Speed Downhole Sensor and Telemetry Network	MX	10-23-2012	MX/a/2014/005083		
High-Speed Downhole Sensor and Telemetry Network	RU	10-23-2012	2014120998	09-13-2017	2630832
High-Speed Downhole Sensor and Telemetry Network	US	10-23-2012	13/658261		

Dipole Antennas for Wired-Pipe Systems	US	06-17-2016	15/185925		
Reliable Downhole Data Transmission System	EP	05-22-2009	09751637.1		
Reliable Downhole Data Transmission System	US	07-11-2012	13/546059	04-22-2014	8704677
Reliable Downhole Data Transmission System	US	02-28-2014	14/193556	09-15-2015	9133707
Reliable Downhole Data Transmission System	US	08-05-2015	14/818928	08-23-2016	9422808
Reliable Downhole Data Transmission System	US	07-19-2016	15/213891	04-24-2018	9951610
Reliable Downhole Data Transmission System	US	05-22-2009	12/470842	08-14-2012	8242928