504746855 01/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4793583

CONVEYING PARTY DATA

Name	Execution Date
RICK PILGRIM	01/24/2018
STEPHEN JOSEPH DELORY	01/24/2018
RICHARD ROBERT ROPER	01/24/2018

RECEIVING PARTY DATA

Name:	ENSCO INTERNATIONAL INCORPORATED
Street Address:	1209 ORANGE STREET
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15879037

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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: 2819704545

Email: dooley@fyiplaw.com

Correspondent Name: FLETCHER YODER, P.C. (ENSCO)

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269

ATTORNEY DOCKET NUMBER:	201600206 (ENSC:0037)
NAME OF SUBMITTER:	MATTHEW C. DOOLEY
SIGNATURE:	/Matthew C. Dooley/
DATE SIGNED:	01/25/2018

Total Attachments: 4

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PATENT 504746855 REEL: 044729 FRAME: 0663

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Ensco International Incorporated (the "Assignee"), a corporation of the State of Delaware, having a place of business at 1209 Orange Street, Wilmington, DE 19801, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Parent, which is entitled "JOINT RECOGNITION SYSTEM" and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 130412 may insert additional information identifying this application below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information	
U.S. Provisional Application Serial No. 62/449,853	, filed on <u>January 24, 2017</u> .
U.S. Non-Provisional Application Serial No. <u>15/879,037</u>	, filed on <u>January 24, 2018</u>
International Application Serial No.	
T. C.	

INVENTOR 1		
Śignature:	Date:	
Rick Pilgrim		
W//4	*	
Witnessed by:Signature	Date:	
- igasiteav		
Printed Name of Witness		
Witnessed by: Signature	Date:	
Signature		
Printed Name of Witness		
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156600000000000000000000000000000000000	000000000000000000000000000000000000000	
SECTION BELOW IS FOR USE ONLY IF	F SIGNING IN PRESENCE OF A NOTARY	
D' i D' i	Date: J2124, 2018	
Rick Pilgrim		
STATE OF Texas §		
§		
COUNTY OF <u>Hallis</u> §		
5.1		
This 29 day of $3ay$, 7018	Sbefore me personally came the above-named Rick Pilgrim, to me perso	nally
known as the individual who executed the foregoing his/her own free will for the purposes therein set	ing assignment, who acknowledged to me that he/she executed the same	of
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Sent Ny Contin 12 2016		
	(Notary Public)	

INVENTOR 2	and the second s	
Signature: Stephen Joseph Del	ory	Date: 24 January 2018
Witnessed by: Signatur	re	Date: 1-24-18
Tylor Holen		
Printed Name of Witness		
Witnessed by: hearn E. Signatur	ishbrck re	Date: 1/24/18
Printed Name of Witness	**************************************	
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000000000000000000000000000000000000000	888888888888888888888888888888888888888	
Stephen Joseph DeLory	Date:	***************************************
Stepnen Joseph Decory		
STATE OF		
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COUNTY OF	<u>.</u> 69	
me personally known as the individ	dual who executed the	ne personally came the above-named Stephen Joseph DeLory, to foregoing assignment, who acknowledged to me that he/she
This day of me personally known as the individe executed the same of his/her own t	dual who executed the	foregoing assignment, who acknowledged to me that he/she
me personally known as the individ	dual who executed the	foregoing assignment, who acknowledged to me that he/she
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Page 3 of 4

INVENTOR 3		
Signature: Richard Robeyt Roper	Date: 1/24/18	
Witnessed by: Signature	Date: 1/24/18	
DAVIS TUCKER Printed Name of Witness		
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JACQUELENE Stewart Printed Name of Witness		
SECTION BELOW IS FOR USE ON	LY IF SIGNING IN PRESENCE OF A NOTARY	
	Date:	
Richard Robert Roper		
STATE OF	5	
COUNTY OF	§ §	
This day of,	before me personally came the above-named Richard Robert Roper, a cuted the foregoing assignment, who acknowledged to me that he/she execut rposes therein set forth.	to m ted
Seal	(Notary Public)	

Page 4 of 4