

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7773659

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ANTHONY KIM</td><td>12/10/2019</td></tr><tr><td>DAVID G. FORD</td><td>12/10/2019</td></tr><tr><td>JEFFREY BLOOM</td><td>12/10/2019</td></tr></tbody></table>	Name	Execution Date	ANTHONY KIM	12/10/2019	DAVID G. FORD	12/10/2019	JEFFREY BLOOM	12/10/2019			
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ANTHONY KIM	12/10/2019										
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<b>RECEIVING PARTY DATA</b>											
<table border="1"><tr><td><b>Name:</b></td><td>ENSCO, INC.</td></tr><tr><td><b>Street Address:</b></td><td>5400 PORT ROYAL ROAD</td></tr><tr><td><b>City:</b></td><td>SPRINGFIELD</td></tr><tr><td><b>State/Country:</b></td><td>VIRGINIA</td></tr><tr><td><b>Postal Code:</b></td><td>22151</td></tr></table>	<b>Name:</b>	ENSCO, INC.	<b>Street Address:</b>	5400 PORT ROYAL ROAD	<b>City:</b>	SPRINGFIELD	<b>State/Country:</b>	VIRGINIA	<b>Postal Code:</b>	22151	
<b>Name:</b>	ENSCO, INC.										
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<b>PROPERTY NUMBERS Total: 1</b>											
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Application Number:	18104497										
<b>CORRESPONDENCE DATA</b>											
Fax Number: (312)977-4405											
<i>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.</i>											
Phone: 312-977-4400											
Email: afaust@nixonpeabody.com, docketingchicago@nixonpeabody.com											
Correspondent Name: NIXON PEABODY LLP											
Address Line 1: 70 WEST MADISON STREET											
Address Line 2: SUITE 5200											
Address Line 4: CHICAGO, ILLINOIS 60602											
<b>ATTORNEY DOCKET NUMBER:</b>	740883-000261USC1										
<b>NAME OF SUBMITTER:</b>	GEORGE N. DANDALIDES										
<b>SIGNATURE:</b>	/George N. Dandalides/										
<b>DATE SIGNED:</b>	02/01/2023										
<b>Total Attachments: 5</b>											
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**ASSIGNMENT**

**WHEREAS**, we, **Anthony Kim, David G. Ford, and Jeffrey Bloom**, are desirous of assigning our entire right, title, and interest in and to all of the applications listed in **TABLE A – LIST OF PATENT APPLICATIONS** (hereinafter referred to as “**THE APPLICATIONS**”), and in and to any invention(s) disclosed in **THE APPLICATIONS**, and in and to any Letters Patents that may issue from **THE APPLICATIONS**;

<b>TABLE A – LIST OF PATENT APPLICATIONS</b>				
<b>Attorney Docket No.</b>	<b>Country</b>	<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>
740883-000261PL01	United States	62/776,383	December 6, 2018	SYSTEMS AND METHODS FOR ANALYZING A RAIL
740883-000261USPT	United States	16/705,137	December 5, 2019	SYSTEMS AND METHODS FOR ANALYZING A RAIL

**WHEREAS**, **ENSCO, INC.**, having its principal place of business at **5400 Port Royal Road, Springfield, Virginia 22151** (hereinafter referred to as “**ASSIGNEE**”), is desirous of acquiring our entire right, title, and interest in and to **THE APPLICATIONS**, and in and to any invention(s) disclosed in **THE APPLICATIONS**, and in and to any Letters Patents that may issue from **THE APPLICATIONS**;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign, and transfer to, and hereby acknowledge and confirm that we have sold, assigned, and transferred to **ASSIGNEE**, its successors, assigns, and legal representatives our entire right, title, and interest in and to **THE APPLICATIONS**, and in and to any invention(s) disclosed in **THE APPLICATIONS**, and in and to any Letters Patents that issue from **THE APPLICATIONS**, and all provisionals, non-provisionals, national stages, utilities, designs, divisionals, reissues, substitutions, continuations, continuations-in-part, and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for any invention(s) disclosed in **THE APPLICATIONS**, or patents resulting therefrom, insofar as our interest is concerned, to the **ASSIGNEE** of our entire right, title, and interest.

We also hereby sell and assign to the **ASSIGNEE**, its successors, assigns, and legal representatives the full and exclusive rights, title, and interest to any invention(s) disclosed in **THE APPLICATIONS** throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for any invention(s) disclosed in **THE APPLICATIONS** in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of any invention(s) disclosed in **THE APPLICATIONS**, and all rights to register any invention(s) disclosed in **THE APPLICATIONS** in appropriate registries.

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the **ASSIGNEE**, its successors, assigns, and legal representatives.

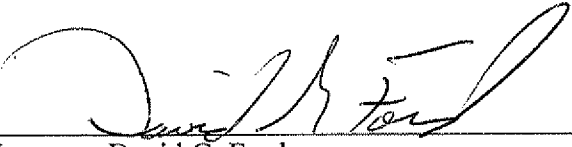
We hereby further agree that we will communicate to the ASSIGNEE, or its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all provisional, non-provisional, national stage, utility, design, divisional, reissue, substitution, continuation, and continuation-in-part applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for the invention(s) in all countries.

We hereby further authorize and direct the ASSIGNEE'S attorneys to insert into the TABLE A – LIST OF PATENT APPLICATIONS (i) the Attorney Docket No., (ii) the Country, (iii) the serial number, and (iv) the filing date of any foreign counterpart patent application(s) (including any international PCT application(s)) of any of THE APPLICATIONS as soon as the same shall have been made known to them.


On this 10<sup>th</sup> day of December, 2019, I signed this Assignment document.

  
Name: Anthony Kim

On this 10 day of DEC, 2017, I signed this Assignment document.

  
Name: David G. Ford

On this 10th day of December, 20 19, I signed this Assignment document.

  
Name: Jeffrey Bloom