

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AHMNON D. MOSKOWITZ	08/03/2016
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15397198
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<b>DATE SIGNED:</b>	08/21/2018
<b>Total Attachments: 5</b>	
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 UNITED STATES PATENT RIGHTS, OR  
 UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Name(s)  
 of Inventor(s):

WHEREAS, I, Abraham D. MOSKOWITZ, (hereinafter designated as the Assignor) have invented certain new and useful improvements as identified in the Application Number(s) and/or Patent Number(s) identified below:

	Application Serial No.	Filing Date	Title of the Invention	U.S. Patent No.	Issue Date
1	11/842,855	08/21/2007	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	7,942,903	05/17/2011
2	12/054,355	03/24/2008	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT STAPLING GUNS AND DEVICES FOR SPINAL FUSION	7,972,363	07/05/2011
3	12/471,343	05/22/2009	POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT STAPLES, STAPLING GUNS, AND DEVICES FOR SPINAL FUSION	8,257,370	09/04/2012
4	13/084,543	04/11/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	8,353,913	01/15/2013
5	11/943,334	11/20/2007	ARTIFICIAL CERVICAL AND LUMBAR DISCS, DISC PLATE INSERTION GUN FOR PERFORMING SEQUENTIAL SINGLE PLATE INTERVERTEBRAL IMPLANTATION ENABLING SYMMETRIC BI-DISC PLATE ALIGNMENT FOR INTERPLATE MUBLE CORE PLACEMENT	8,535,379	09/17/2013
6	12/471,340	05/22/2009	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS HAVING A CENTRAL SCREW LOCKING LEVER, AND FLIERS AND DEVICES FOR SPINAL FUSION	8,234,516	05/27/2014

MULTIPLE ASSIGNMENTS

Application Serial No.	Filing Date	Title of the Invention	U.S. Patent No.	Issue Date	
7	13/101,129	05/04/2011	INTERARTICULATING SPINOUS AND TRANSVERSE PROCESS STAPLES FOR SPINAL FUSION	8,724,450	07/23/2014
8	13/108,982	03/16/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	9,005,293	04/14/2015
9	13/093,326	05/13/2013	ARTIFICIAL CERVICAL AND LUMBAR DISCS, DISC PLATE INSERTION GUN FOR PERFORMING SEQUENTIAL SINGLE PLATE INTERVERTEBRAL IMPLANTATION ENABLING SYMMETRIC BI-DISC PLATE ALIGNMENT FOR INTERPLATE MOBILE COPE PLACEMENT	9,056,018	06/16/2015
10	13/741,361	01/14/2013	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	9,391,854	04/05/2016
11	12/957,776	12/01/2010	HORIZONTAL TRANSVERTEBRAL CURVILINEAR NAIL-SCREWS WITH INTER-LOCKING RIGID OR JOINTED FLEXIBLE PODS FOR SPINAL FUSION		
12	12/983,107	12/31/2010	TOTAL ARTIFICIAL SPINO-LAMINAR PROSTHETIC REPLACEMENT		
13	13/101,135	05/04/2011	SPINOUS PROCESS STAPLE WITH INTERDIGITATING-INTERLOCKING HEMI-SPACERS FOR ADJACENT SPINOUS PROCESS SEPARATION AND DISTRACTION		
14	13/103,994	05/09/2011	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT STAPLING GUNS AND DEVICES FOR SPINAL FUSION		
15	13/210,150	08/15/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION		

MULTIPLE ASSIGNMENTS

Application Serial No.	Filing Date	Title of the Invention	U.S. Patent No.	Issue Date
16	13/210,157	08/15/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	
17	13/210,162	08/15/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	
18	13/210,168	08/15/2011	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAR INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	
19	13/401,829	02/21/2012	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS	
20	13/418,323	03/12/2012	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS	
21	13/418,335	03/12/2012	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS WITH VERTICAL HEMI-BRACKET SCREW LOCKING MECHANISM	
22	14/049,743	10/09/2013	ENDOSCOPIC SURGICAL SYSTEM	
23	14/063,197	10/23/2013	ZERO-PROFILE EXPANDABLE INTERVERTEBRAL SPACER DEVICES FOR DISTRACTION AND SPINAL FUSION AND A UNIVERSAL TOOL FOR THEIR PLACEMENT AND EXPANSION	
24	14/257,650	04/21/2014	BI-DIRECTIONAL FIXATING/LOCKING TRANSVERTEBRAL BODY SCREW/INTERVERTEBRAL CAGE STAND-ALONE CONSTRUCTS HAVING A CENTRAL SCREW LOCKING LEVER, AND PLIERS AND DEVICES FOR SPINAL FUSION	

MULTIPLE ASSIGNMENTS

Application Serial No.	Filing Date	Title of the Invention	U.S. Patent No.	Issue Date
25	14/837,210	07/21/2014	CERVICAL SPINOUS PROCESS STABLE	
26	14/460,330	08/14/2014	SYSTEMS AND APPARATUSES FOR IMPROVED VISUALIZATION OF ENDOSCOPIC IMAGES	
27	14/739,327	06/15/2015	ARTIFICIAL CERVICAL AND LUMBAR DISCS, DISC PLATE INSERTION GUN FOR PERFORMING SEQUENTIAL SINGLE PLATE INTERVERTEBRAL IMPLANTATION ENABLING SYMMETRIC BI-DISC PLATE ALIGNMENT FOR INTERPLATE MOBILE CORE PLACEMENT	
28	15/054,926	02/26/2016	BI-DIRECTIONAL FIXATING TRANSVERTEBRAL BODY SCREWS AND POSTERIOR CERVICAL AND LUMBAP INTERARTICULATING JOINT CALIBRATED STAPLING DEVICES FOR SPINAL FUSION	

Name

of Assignee

WHEREAS, Nathan C. Moskowitz

Address

of Assignee

of 212 North Adams Street, Rockville MD 20850 US

his heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions, applications and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) to the Assignor in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the Assignor has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said inventions in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries including all rights of priority arising from the applications and Letters Patents:

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted;

and to any and all causes of action, rights, and remedies arising under any such applications and Letters Patents prior to or after the effective date of this Agreement including the right to recover damages for any infringement of any rights in and to the inventions and any patents therefrom prior to the effective date of the agreement.

The Assignor agrees to execute all papers necessary in connection with these applications and any continuing, divisional, conversion, reissue, or reexamination application(s) thereof and also to execute

MULTIPLE ASSIGNMENTS

separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The Assignor agrees to, upon request and without further compensation, perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the Assignor if this Assignment and sale had not been made.

The Assignor agrees to, upon request and without further compensation, execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The Assignor hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from the applications or any continuing, divisional conversion or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The Assignor agrees to, upon request and without further compensation, execute all papers necessary in connection with any interference which may be declared concerning the applications or continuations, divisions, conversions or reissues thereof or Letter Patent(s) or reissue patent(s) issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The Assignor agrees to, upon request and without further compensation, communicate to the Assignee any facts known to the Assignor respecting the invention and to testify in any legal proceedings concerning the applications or continuations, divisions, conversions or reissues thereof or Letter Patent(s) or reissue patent(s) issued thereon, to execute all lawful papers necessary in connection with enforcing proper patent protection of the inventions in all countries, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such enforcement of patent protection.

The Assignor hereby grants the law firm of Dreach IP Law, PLLC and Assignee the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The Assignor hereby represents and warrants that no act has been or will be performed which would statutorily bar a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee.

Assignor hereby grants Assignee the right to sell, transfer, or otherwise alienate the invention(s), application(s), and/or Letters Patent(s), and/or the continuation(s), division(s), conversion(s), or reissue(s) thereof or Letter Patent(s) or reissue patent(s) issued thereon to third party(ies) in whole or in part including the right to license and sub-license.

Assignor hereby waives any right or claim to a "shop" use or "shop right" of the invention

In witness whereof, executed by the Assignor on the date(s) opposite the Assignor name(s).

Date Aug 13/16

Name of Inventor (Assignor) *Amnon D. Moskowitz*  
(Signature of Amnon D. MOSKOWITZ)