### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN J. SEME	07/02/2012
RYAN M. KROLL	07/02/2012
THOMAS J. GISEL	07/02/2012
MARK W. KROLL	07/02/2012

#### **RECEIVING PARTY DATA**

Name:	KSPINE, INC.
Street Address:	5610 ROWLAND ROAD
City:	MINNETONKA
State/Country:	MINNESOTA
Postal Code:	55343

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	15010036
Application Number:	15010049

#### **CORRESPONDENCE DATA**

**Fax Number:** (631)501-3526

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Email:docket@cdfslaw.com, dspinillo@cdfslaw.comCorrespondent Name:CARTER DELUCA FARRELL & SCHMIDT LLP

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Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	1449-416CON
NAME OF SUBMITTER:	DANA A. BRUSSEL
SIGNATURE:	/dana a. brussel/
DATE SIGNED:	05/18/2016

**Total Attachments: 6** 

PATENT REEL: 038632 FRAME: 0336

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PATENT REEL: 038632 FRAME: 0337

Attorney Docket No.: 483076.000003

Page 1 of 3

First Named Inventor: SEME, Steven J.

Title:

SPINAL CORRECTION SYSTEM ACTUATORS

WHEREAS, we, Steven J. Seme, a United States citizen, residing at 14590 Joppa Avenue South, Savage, MN 55378, Ryan M. Kroll, a United States citizen, residing at 1260 Appling Drive #102, Mount Pleasant, SC 29464, Thomas J. Gisel, a United States citizen, residing at 270 Oakview Court, Chaska, MN 55318, and Mark W. Kroll, a United States citizen, residing at P.O. Box #23, Crystal Bay, MN 55323, have invented certain new and useful improvements as described in an application entitled SPINAL CORRECTION SYSTEM ACTUATORS, in which an application was made for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by PCT Application No. PCT/US12/40493, internationally filed June 1, 2012; and

WHEREAS, Kspine Inc., a Corporation of the state of Delaware, and having an address of 5610 Rowland Road, Minnetonka, MN 55343 United States ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Steven J. Seme

Date () ZTul'\2

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Minnesota

COUNTY OF Herrepin :

Subscribed and sworn to before me, a Notary Public, this 2 day of 500, 2012.

Notary Public

(SEAL)

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Attorney Docket No.: 483076.000003

Page 2 of 3

First Named Inventor: SEME, Steven J.

Title:

SPINAL CORRECTION SYSTEM ACTUATORS

	Ryan M. Kroll
CERTIFICATE OF ACKNOWLEDGMENT	Date
STATE OF)	
COUNTY OF	
Subscribed and sworn to before me, a Notary Public, this day of, 2012.	
Notary Public	
(SEAL)	
	Thomas J. Gisel
CERTIFICATE OF ACKNOWLEDGMENT	Date 2-544-20/2
STATE OF Minusote	
STATE OF Minasole. : SS.	
Subscribed and sworn to before me, a Notary Public, this 2 day of 500, 2012.	
Roph	
Notary Public (SEAL)	
(JEAL)	~~
Bethany Pauline Clasema NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES 01/31/2	3

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Attorney Docket No.: 483076.000003

Page 3 of 3

First Named Inventor: SEME, Steven J.

Title:

SPINAL CORRECTION SYSTEM ACTUATORS

	Mark W. Kroll
CERTIFICATE OF ACKNOWLEDGMENT	Date
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Page 1 of 3

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WHEREAS, Kspine Inc., a Corporation of the state of Delaware, and having an address of 5610 Rowland Road, Minnetonka, MN 55343 United States ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

	Steven J. Seme
CERTIFICATE OF ACKNOWLEDGMENT	Date
STATE OF	
COUNTY OF	
Subscribed and sworn to before me, a Notary Public, this day of, 2012.	
Notary Public	
(SEAL)	

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	Attor	ney Docket No.: 483076.000003	Page 2 of 3	
ASSIGNMENT		First Named Inventor: SEME, Steven J.		
		SPINAL CORRECTION SYSTE	M ACTUATORS	
CERTIFICATE OF ACKNOWLEDGME  STATE OF SS.  COUNTY OF SS.  Subscribed and swore to before me, a Notary Pthis day of 2012.  Notary Public  (SEAL)  Concordo IL Class Notary Public  Minnesold My Corruntsion Explain Jonusy 31, 2018  CERTIFICATE OF ACKNOWLEDGM	ublic,	Byan M. Kroll  Date 7/2/82  Thomas J. Gisel  Date		
STATE OF				
COUNTY OF)				
Subscribed and sworn to before me, a Notary this day of, 2012.	Public,			

Notary Public (SEAL)

Attorney Docket No.: 483076.000003

Page 3 of 3

First Named Inventor: SEME, Steven J.

Title:

SPINAL CORRECTION SYSTEM ACTUATORS

Mark W. Kroll

23h 2012

CERTIFICATE OF ACKNOWLEDGMENT

COUNTY OF 4

Subscribed and sworm to before me, a Notary Public, this 2 day of \_\_\_\_\_\_, 2012.

Notary Public

(SEAL)

**PATENT** REEL: 038632 FRAME: 0343

**RECORDED: 05/18/2016**