

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3878092

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KSPINE, INC.	05/21/2015
RECEIVING PARTY DATA		
Name:	K2M, INC.	
Street Address:	751 MILLER DRIVE	
Internal Address:	SUITE F-1	
City:	LEESBURG	
State/Country:	VIRGINIA	
Postal Code:	20175	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	15010036
	Application Number:	15010049
CORRESPONDENCE DATA		
Fax Number:	(631)501-3526	
<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>		
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NAME OF SUBMITTER:	DANA A. BRUSSEL	
SIGNATURE:	/dana a. brussel/	
DATE SIGNED:	05/18/2016	
Total Attachments: 16		
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PATENT ASSIGNMENT

This Patent Assignment (this “Assignment”) is entered into as of May 21, 2015, by and between K Spine, Inc., a Delaware corporation (“Assignor”), and K2M, Inc., a Delaware corporation (“Assignee”).

Assignor is the sole and exclusive owner of the entire right, title and interest in, to and under the patents and patent applications set forth on the attached Schedule A (the “Patents”), and Assignee wishes to acquire and Assignor wishes to transfer to Assignee all right, title and interest in, to and under the Patents.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, convey, transfer, assign and deliver to Assignee, free and clear of any lien, security interest, pledge, adverse interest or other encumbrance of any kind, its entire right, title and interest in and to the Patents, for the United States and for all foreign countries, and the inventions they claim (including subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding relating to any of the Patents and subject matter that could have been included as a claim in any of the Patents), and any and all continuations, divisionals, continuations-in-part, provisionals, reissues, reexaminations, extensions, international applications or foreign equivalents thereof which may be obtained therefrom, and the priority rights thereto, for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the date hereof or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

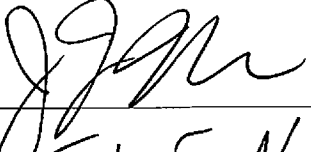
Assignor authorizes and requests the appropriate governmental authority to record Assignee as owner of the Patents, including any continuations, divisionals, continuations-in-part, provisionals, reissues, reexaminations, international applications or extensions thereof, and to issue any and all letters patent thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

Assignor agrees that from time to time, at the reasonable request of Assignee and at Assignee’s expense, Assignor shall execute and deliver such other documents and take such other actions as Assignee may reasonably request to effectuate Assignor’s assignment, transfer, and conveyance of the Patents and the transactions contemplated by this Assignment (including any documentation to perfect and record the rights granted hereunder in the Patents in any jurisdiction through the world).

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed as of the date first written above by their respective authorized representatives.

ASSIGNOR:

K SPINE, INC.

By: 
Name: John F. Nealon
Title: President & CEO

ASSIGNEE:

K2M, INC.

By: _____
Name: _____
Title: _____

[Signature Page to Patent Assignment-K Spine]

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed as of the date first written above by their respective authorized representatives.

ASSIGNOR:

K SPINE, INC.

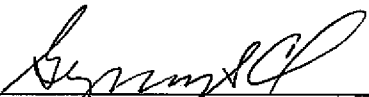
By: _____

Name: _____

Title: _____

ASSIGNEE:

K2M, INC.

By:  _____

Name: Gregory Cole

Title: CFO

[Signature Page to Patent Assignment-K Spine]

SCHEDULE A
PATENTS

See attached

PATENTS AND PATENT APPLICATIONS

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
40120.10-1 (391927)	Unpublished	60/598,882	Carl L. Allen Dan Sachs	Spine Treatment Devices and Methods	US	Expired
KSPNE.001A2 (374851)	2006/003625 9	11/197,037	Allen L. Carl Dan Sachs	Spine Distraction Device and Method	US	Abandoned
4020.10-4PCT	WO 2006/017641	PCT/US05/27692	Alan L. Carl Dan Sachs Meir Rosenberg	Spinous Process Reinforcement Device and Method	PCT	Expired
KSPNE.001A4 (376311)	2006/003632 3	11/197,566	Alan L. Carl Dan Sachs Meir Rosenberg	Facet Device and Method	US	Abandoned
KSPNE.001A3 (374850)	7,708,765	11/197,041	Allen L. Carl Dan Sachs Meir Rosenberg	Spine Stabilization Device and Method	US	Patented
KSPNE.001A (374849)	7,658,753	11/196,952	Allen L. Carl Dan Sachs	Device and Method for Correcting A Spinal Deformity	US	Patented
KSPNE.001A5 (374848)	2006/003632 4	11/197,569	Dan Sachs Meir Rosenberg	Adjustable Spinal Implant Device and Method	US	Abandoned
KSPNE.001A6 (374847)	7,611,526	11/197,573	Allen L. Carl Dan Sachs	Spinous Process Reinforcement Device and Method	US	Patented
374852 (K101.6. US.CIP)	8,114,158	12/169,370	Allen L. Carl Dan Sachs Meir Rosenberg	Facet Device and Method	US	Patented

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
KSPNE.001A3C1 (395957)	8,002,801	12/726,292	Allen L. Carl Dan Sachs Meir Rosenberg	Adjustable Spinal Implant Device and Method	US	Patented
KSPNE.001C1 (384253)	8,016,860	12/645,269	Allen L. Carl Dan Sachs	Device and Method for Correcting A Spinal Deformity	US	Patented
KSPNE.001DV1 (391925)	8,043,345	12/645,305	Allen L. Carl Dan Sachs	Device and Method for Correcting A Spinal Deformity	US	Patented
KSPNE.001C2	2012/008918 6	13/277,629	Allen L. Carl Dan Sachs	Device and Method for Correcting A Spinal Deformity	US	Non-Final rejection dated 9/22/14
407407 (K101.6.US.CIP.CON)	2012/010919 7	13/346,435	Allen L. Carl Dan Sachs Meir Rosenberg	Facet Device and Method	US	Notice of Allowance dated 12/19/14
4020.10-7 (KSPNE002PR)	Unpublished	60/933,326	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	US	Expired
KSPNE.002A (375455)	8,162,979	12/134,058	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	US	Patented
KSPNE.002C1	2012/020328 2	13/446,950	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	US	Non-Final rejection dated 8/21/14. EOT filed 2/23/15. CON filed (?). No data available on PAIR.

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
KSPNE.002C2		14/628,573		Medical Device and Method to Correct Deformity	US	
KSPNE.002VPC (375456)	WO 2008/154313	PCT/US08/65979	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	PCT	Expired
KSPNE.002VEP	EP2155086	EP08770234.6	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	EP	Pending
KSPNE.002VCA	CA2689965	CA2689965	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	CA	Office Action final date 2/7/15 (?)
KSPNE.002VAU	AU2008262019	AU2008262019	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	AU	Granted
KSPNE.002VAUD1		AU2013205419		Medical Device and Method to Correct Deformity	AU	
KSPNE.002VIP	JP2010528779	JP2010-511338	Dan Sachs Corbett Stone	Medical Device and Method to Correct Deformity	JP	Abandoned
376310 (K103.1.US.ORG)	2010/031812 9	12/485,796	Steven J. Seme Thomas J. Gisell	Deformity Alignment System with Reactive Force Balancing	US	Abandoned
388277 (K103.1.WO)	WO 2010/147744	PCT/US10/36375	Steven J. Seme Thomas J. Gisell	Deformity Alignment System with Reactive Force Balancing	PCT	Expired

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
K103.1.EP	EP2442737	EP10721250.8	Steven J. Seme Thomas J. Gisel	Deformity Alignment System with Reactive Force Balancing	EP	Withdrawn
375457 (K104.1.US.ORG)	8,357,183	12/411,562	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	US	Patented
383735 (K104.1.US.CON)	8,518,086	12/817,886	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	US	Patented
483076.000005 (K104.1.US.CON2)	2013/018475 7	13/722,690	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	US	Non-Final rejection dated 1/22/15
388276 (K104.4.WO)	WO 2010/111500	PCT/US10/28684	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	PCT	Expired
403008 (K104.1.CA)	CA2756734	CA2756734	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	CA	Pending
403011 (K104.1.JP)	JP2012521803	JP2012-502252	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	JP	Response due 11/15/14. Took allowed claims and filed DIV(?)
403009 (K104.1.CN)	CN102365057	CN201080013907 .1	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	CN	Issued or Notice of Allowance
403010 (K104.1.AU)	AU201022985 0	AU2010229850	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	AU	Acceptance deadline 6/19/15
403007 (K104.1.EP)	EP2410933	EP10711518.0	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	EP	Granted
	FR2410933		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	FR	In force
	DE602010010 364.1		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	DE	In force

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	IE2410933		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	IE	In force
	IT2410933		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	IT	In force
	ES2439792		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	ES	In force
	CH2410933		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	CH	In force
	GB2410933		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	GB	In force
404439 (K104.1.EP.DIV)	EP2452643	EP12154799.6	Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	EP	Granted
	FR2452643		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	FR	In force
	DE602010010 471.0		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	DE	In force
	IE2452643		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	IE	In force
	IT2452643		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	IT	In force
	ES2439865		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	ES	In force
	CH2452643		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	CH	In force
	GB2452643		Steven J. Seme Thomas J. Gisel	Semi-Constrained Anchoring System	GB	In force
377332 (K104.2.US.ORG)	8,357,182	12/411,558	Steven J. Seme	Alignment System with Longitudinal Support Features	US	Patented

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
483076-0004-02-US-000008 (K104.2.US.CON)	2013/021145 5	13/722,685	Steven J. Seme	Alignment System with Longitudinal Support Features	US	Final Rejection dated 10/2/14
483076.379109 (K105.1.US.ORG)	2011/006618 8	12/560,199	Steven J. Seme Thomas J. Gisel	Growth Modulation System	US	Final Rejection dated 12/17/14
392657 (K105.1.WO)	WO 2011/034714	PCT/US10/47117	Steven J. Seme Thomas J. Gisel	Growth Modulation System	PCT	Expired
408160 (K105.1.EP)	EP2470091	EP10752233.6	Steven J. Seme Thomas J. Gisel	Growth Modulation System	EP	Amended claims filed 11/2/12
408161 (K105.1.AU)	AU201029587 4	AU2010295874	Steven J. Seme Thomas J. Gisel	Growth Modulation System	AU	Nominal due date 12/3/14
408162 (K105.1.CA)	CA2770717	CA2770717	Steven J. Seme Thomas J. Gisel	Growth Modulation System	CA	Pending
408163 (K105.1.CN)	CN102573678		Steven J. Seme Thomas J. Gisel	Growth Modulation System	CN	OA deadline 10/2/14
408164 (K105.1.JP)	JP2013504374	2012-528817	Steven J. Seme Thomas J. Gisel	Growth Modulation System	JP	OA deadline 10/8/14
483076.408163		201080041198.8		Spinal Growth Modulation System	CN	
379678		EG2008111840	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractable Connector(s) and Apical Control	EG	Expired
384271 (K109.1.WO)	WO 2010/056650	PCT/US09/63833	Hazem B. Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractable Connector(s) and Apical Control	PCT	Expired

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
399348 (K109.1.EP)	EP2355723	EP09760046.4	Hazem B. Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	EP	Abandoned (renewal not paid)
483076.390745 (K109.1.WO.CIP)	8,828,058	12/873,582	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	US	Patented
483076.000051 (K109.1.WO.CIP.DIV)	2014/037903 3	14/480,047	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	US	Unexamined
83076-403012 (K109.1.WO2)	WO 2012/030800	PCT/US11/49693	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	PCT	Expired
K109.1.WO2.CN	CN103108598		Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	CN	Pending

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
K109.1.WO2.EP	EP2611372	EP11754962.6	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	EP	Pending
K109.1.AU	AU2011129612 8	AU20111296128	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	AU	Acceptance Deadline 3/25/15
K109.1.CA	CA2809657	CA2809657	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	CA	Pending
K109.1.WO2.JP	JP2013536733	JP2013-536799	Hazem Elsebaie Behrooz Akbarnia	Growth Directed Vertebral Fixation System with Distractible Connector(s) and Apical Control	JP	Pending
483076.000009		2013-527184		GROWTH DIRECTED VERTEBRAL FIXATION SYSTEM WITH DISTRACTIBLE CONNECTOR(S) AND APICAL CONTROL	JP	
391981 (K111.1.US.ORG)	2013/012385 3	13/297,841	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	US	Abandoned

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
402582 (K113.1.US.ORG)	2013/012385 1	13/301,514	Steven J. Seme John F. Otte Thomas J. Gisel	Transverse Connector for Spinal Stabilization System	US	Final Rejection dated 1/8/15
483076000006 (K111.1.WO)	WO 2013/074778	PCT/US12/65262	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	PCT	Expired
K111.1.WO.AU	AU201231828 5	AU2012318285	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	AU	Pending
K111.WO.EP	EP2779926	EP12850378.6	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	EP	Withdrawn
K111.1.WO.CN	CN104039254	CN201280065991	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	CN	Abandoned
483076.000017 (K111.1.US.CIP)	8,920,472	13/865,775	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	US	Patented
483076000045 (K111.1.CIP.WO)	WO 2014/172632	PCT/US14/34644	Steven J. Seme John F. Otte Thomas J. Gisel	Spinal Correction and Secondary Stabilization	PCT	Pending - 30 month date 10/18/15
483076.000010		201180042465.8		GROWTH DIRECTED VERTEBRAL FIXATION SYSTEM WITH DISTRACTIBLE CONNECTOR(S) AND APICAL CONTROL	CN	

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
483076.000048 (K111.1.US.CIP2)	2014/035060 2	14/456,454	Steven J. Seme Thomas J. Gisel Matthew S. Stenulson John F. Otte	Spinal Correction and Secondary Stabilization	US	Restriction Requirement - counted, not mailed
483076.000049 (K111.1.US.CIP.DIV)	2014/037903 5	14/482,927	Steven J. Seme Thomas J. Gisel John F. Otte	Spinal Correction and Secondary Stabilization	US	Non-Final Rejection dated 10/9/14
83076-391980 (K112.1.US.ORG)	Unpublished	61/493,117	Steven J. Seme Ryan M. Kroll Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	US	Expired
483076-3 (K112.1.WO)	WO 2012/167105	PCT/US12/40493	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	US	Expired
K112.1.WO.EP	EP2713916	EP12727018.9	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	EP	Pending. Amended claims filed.
K112.1.WO.AU	AU201226198 3	AU2012261983	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	AU	First report dated 1/7/14. Acceptance deadline 21 months (10/7/15).

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
K112.1.WO.JP	JP2014523281	JP2014513753	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	JP	Exam due 6/1/15
K112.1.WO.CA	CA2838047	CA2838047	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	CA	Pending
K112.1.WO.CN	CN103781429	CN201280038348 .9	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	CN	Pending
483076.000044 (K112.1.WO.US)	2014/023623 4	14/123,729	Ryan M. Kroll Steven J. Seme Thomas J. Gisel Mark W. Kroll	Spinal Correction System Actuators	US	Pending. Waiting for first Office Action.
483076.000001 (K114.1.US.ORG)	Unpublished	61/715,005	Matthew S. Stenulson Thomas J. Gisel John F. Otte Steven J. Seme	Spinal Correction Adjustment System and Methods	US	Expired
483076000037 (K114.1.WO.ORG)	WO 2014/062942	PCT/US13/65488	Matthew S. Stenulson Thomas J. Gisel John F. Otte Steven J. Seme	Spinal Correction Adjustment System and Methods	PCT	30 month date is 4/17/15
K115.1.US.ORG	Unpublished	14/029,620	Unknown	Transverse Coupler Adjuster Spinal Correction Systems and Methods	US	Pending

<u>Docket No.</u>	<u>Patent/Pub. No.</u>	<u>Application No.</u>	<u>Inventors</u>	<u>Title</u>	<u>Country</u>	<u>Status/Notes</u>
483076.000018 (K116.1.US.ORG)	Unpublished	14/029,610	John F. Otte Thomas J. Gisel Matthew S. Stenulson	Transverse Coupler Adjuster Spinal Correction Systems and Methods	US	Pending. Waiting for first Office Action.
Unknown	Unpublished	PCT/US14/55926	John F. Otte Thomas J. Gisel Matthew S. Stenulson	Transverse Coupler Adjuster Spinal Correction Systems and Methods	PCT	30 month date is 3/17/16.

PATENT

REEL: 038632 FRAME: 0574

RECORDED: 05/18/2016