

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM648376

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Zions Bancorporation, N.A. dba Vectra Bank Colorado, as successor-by-merger to ZB, N.A. dba Vectra Bank Colorado		05/06/2021	National Banking Association: COLORADO

**RECEIVING PARTY DATA**

<b>Name:</b>	Paragon 28, Inc.
<b>Street Address:</b>	14445 Grasslands Dr.
<b>City:</b>	Englewood
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80112
<b>Entity Type:</b>	Corporation: COLORADO

**PROPERTY NUMBERS Total: 47**

Property Type	Number	Word Mark
<b>Registration Number:</b>	4810921	PARAGON 28
<b>Registration Number:</b>	4762945	EXCLUSIVELY FOOT & ANKLE PARAGON 28
<b>Registration Number:</b>	4617271	MONSTER
<b>Registration Number:</b>	4617755	GORILLA
<b>Registration Number:</b>	4742612	GORILLA
<b>Registration Number:</b>	5048385	HEVANS
<b>Registration Number:</b>	5048177	HEVANS
<b>Registration Number:</b>	4968745	MINI-MONSTER
<b>Registration Number:</b>	4972672	BOW & ARROW
<b>Registration Number:</b>	4968742	TUFFNEK
<b>Registration Number:</b>	4968743	PARADERM
<b>Registration Number:</b>	5063632	V 92
<b>Registration Number:</b>	5155306	PARAGON 28 EXCLUSIVELY FOOT & ANKLE
<b>Registration Number:</b>	5151313	BEAST 100
<b>Registration Number:</b>	5267837	PRECISION
<b>Registration Number:</b>	5409929	PRO 3
<b>Registration Number:</b>	5274282	PARAGON 28 EXCLUSIVELY FOOT & ANKLE

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Property Type	Number	Word Mark
Registration Number:	5378789	BABY GORILLA
Registration Number:	5378787	BABY GORILLA
Registration Number:	5380625	JAWS
Registration Number:	5464682	P 2 8
Registration Number:	5464683	PROMO
Registration Number:	5464721	HAMMERTUBE SYSTEM
Registration Number:	5464726	PHANTOM
Registration Number:	5524163	PRECISION JONES
Registration Number:	5464729	HAMMERGRAFT SYSTEM
Serial Number:	86787673	PRECISION
Serial Number:	86935428	PRO 3
Serial Number:	87104044	PARAGON 28 EXCLUSIVELY FOOT & ANKLE
Serial Number:	87186346	TITAN 3-D
Serial Number:	87627686	TITAN 3-D
Serial Number:	87589557	TENOTAC
Serial Number:	88250157	AVITRAC
Serial Number:	88276429	JOUST
Serial Number:	88283057	SILVERBACK
Serial Number:	88283073	SILVERBACK P 28
Serial Number:	88608883	AVITRAC
Serial Number:	88483655	KEYSTONE
Serial Number:	88554527	GRAPPLER
Serial Number:	88554568	GRAPPLER P28
Serial Number:	88608886	PARATROOPER
Serial Number:	88608888	PARATROOPER
Serial Number:	88692159	APEX 3D
Serial Number:	88695797	PHANTOM ACTIVCORE NAIL
Serial Number:	88695811	PHANTOM GHOST
Serial Number:	88867461	JOUST BEAMING SCREW
Registration Number:	5464727	PHANTOM

**CORRESPONDENCE DATA**

Fax Number: 7036106200

*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: 7036106100

Email: boxip@hoganlovells.com

Correspondent Name: Greta D. Feldman of Hogan Lovells US LLP

Address Line 1: 8350 Broad Street, 17th Floor

Address Line 2: Attn: Box Intellectual Property

**TRADEMARK**

**REEL: 007300 FRAME: 0388**

**Address Line 4:** Tysons, VIRGINIA 22102

**NAME OF SUBMITTER:** Greta D. Feldman of Hogan Lovells US LLP

**SIGNATURE:** /Greta D. Feldman/

**DATE SIGNED:** 05/20/2021

**Total Attachments: 70**

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## RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This Release of Security Interest in Intellectual Property is made as of May 6, 2021, by ZIONS BANCORPORATION, N.A. DBA VECTRA BANK COLORADO, as successor-by-merger to ZB, N.A. DBA VECTRA BANK COLORADO (“**Lender**”) in favor of PARAGON 28, INC., a Colorado corporation (“**Grantor**”).

### Recitals

WHEREAS, Grantor executed (a) the Amended and Restated Commercial Security Agreement, dated as of May 18, 2017, (the “**2017 Security Agreement**”) and recorded with the U.S. Patent and Trademark Office (“**USPTO**”) on May 26, 2017 at Reel/Frame Nos. 42589/0001 and 6070/0068, (b) the Intellectual Property Security Agreement, dated as of November 27, 2018 (the “**2018 Intellectual Property Security Agreement**”) and recorded with the USPTO on December 6, 2018 at Reel/Frame Nos. 48903/0019 and 6496/0164, (c) the Intellectual Property Security Agreement, dated as of April 25, 2019 (the “**2019 Intellectual Property Security Agreement**”) and recorded with the USPTO on June 25, 2019 at Reel/Frame Nos. 49587/0700 and 6677/0980, (d) the Amendment to Commercial Security Agreement, effective as of September 30, 2018 but executed September 15, 2020 (the “**2020 Amendment**”) and recorded with the USPTO on September 15, 2020 at Reel/Frame Nos. 53796/0839 and 7070/0628, and (e) the Intellectual Property Security Agreement, dated as of November 19, 2020 (the “**2020 Intellectual Property Security Agreement**”) and together with the 2017 Security Agreement, the 2018 Intellectual Property Security Agreement, the 2019 Intellectual Property Security Agreement, and the 2020 Amendment, the “**IP Security Agreements**”) and recorded with the USPTO on November 19, 2020 at Reel/Frame No. 54484/0600 and on November 20, 2020 at Reel/Frame No. 7111/0858, pursuant to which Grantor granted to Lender a security interest in all of its right, title and interest in, to and under the Intellectual Property Collateral (as defined in the IP Security Agreements).

WHEREAS, Grantor has requested and Lender has agreed to release its security interest in the Intellectual Property Collateral and terminate the IP Security Agreements.

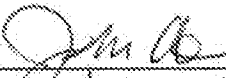
### Agreement

Now, therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property Collateral, including the issued patents, patent applications, trademark registrations, and trademark applications set forth in Exhibit A attached hereto and incorporated herein by reference, and terminates the IP Security Agreements, and reassigns to Grantor, without warranty or recourse, all interest of Lender in the Intellectual Property Collateral.

[SIGNATURE PAGE FOLLOWS]

**BANK:**



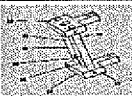







ZIONS BANCORPORATION, N.C. DBA VECTRA BANK COLORADO

By:   
Name: JUSTIN CORTESI  
Title: Senior Vice President

**Exhibit A**

**Patents and Patent Applications from 2017 Security Agreement**




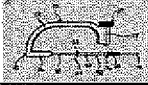
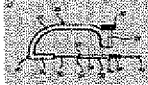
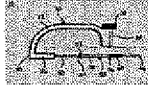



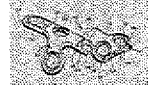
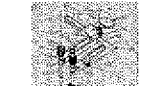
**Paragon 28**  
**Intellectual Property Portfolio - Utility Patents**  
**March 2017**

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.100SRC U.S.	Patentability Search on a Bone Cutting Guide					
3645.101A U.S.	Bone Implants And Cutting Apparatuses And Methods		Utility	14/110,536 10/8/2013	9,452,057 09/27/2016	Granted; 4th year maintenance fee due <b>3/27/2020</b> Expires 04/03/2032
3645.101AWO PCT	Bone Implants And Cutting Apparatuses And Methods		PCT	PCT/US2012/032765 4/9/2012		Complete
3645.101AEP Europe	Bone Implants And Cutting Apparatuses And Methods		Utility	12767318.4 4/9/2012		Abandoned
3645.101B U.S.	Bone Implants And Cutting Apparatuses And Methods		Utility	14/458,722 8/13/2014		Office Action issued 3/20/2017; Response due without extension fees by <b>6/20/2017</b>
3645.101C U.S.	Bone Implants And Cutting Apparatuses And Methods		Utility	15/260,836 09/09/2016		Awaiting examination
3645.102A U.S.	Orthopaedic Plate And Spreader Apparatuses And Methods		Utility	14/110,571 10/8/2013	9,289,252 3/22/2016	Granted; 4th year maintenance fee due <b>9/22/2019</b> Expires 04/09/2032
3645.102AWO PCT	Orthopaedic Plate And Spreader Apparatuses And Methods		PCT	PCT/US2012/32776 4/9/2012		Complete
3645.102AEP Europe	Orthopaedic Plate And Spreader Apparatuses And Methods		Utility	12842779.6 4/9/2012		Abandoned
3645.103P U.S.	Charco-Resis		Provisional	61/599,604 2/16/2012		Transferred
3645.103AWO PCT	Charco-Resis Implant, Alignment Instrument, System And Method Of Use		PCT	PCT/US2013/26397 2/15/2013		Transferred
3645.104P U.S.	Intramedullary Fixation Devices And Methods		Provisional	61/793,212 3/15/2013		Complete
3645.104A U.S.	Intramedullary Nail Fixation Guides and Methods of Use		Utility	14/776,418 9/14/2015		Response to Restriction Requirement filed 12/19/2016
3645.104B U.S.	Intramedullary Nail Fixation Guides and Methods of Use		Utility			Proposed
3645.104AWO PCT	Intramedullary Nail Fixation Guides and Methods of Use		PCT	PCT/US2014/27086 3/14/2016		Complete
3645.104AEP Europe	Intramedullary Nail Fixation Guides and Methods of Use		Utility	14769984.7 3/14/2016		Response to Office Action due <b>9/2/2017</b> Annuity fee due <b>03/14/2018</b>
3645.105WO PCT	Slotted Bowl Washer Implant		PCT	PCT/US2013/30768 3/13/2013		Complete
3645.105 U.S.	Slotted Bowl Washer Implant		Utility	14/776,149 9/14/2015		Awaiting examination
3645.105EP Europe	Slotted Bowl Washer Implant		Utility	13878311.3 3/13/2013		Response to Office Action due <b>4/27/2017</b> Annuity fee due <b>03/13/2018</b>
3645.106P U.S.	Orthopedic Bone Plate And Locking Tab Apparatus		Provisional	61/746,901 12/28/2012		Complete
3645.106AWO PCT	Orthopedic Bone Plate And Locking Tab Apparatus		PCT	PCT/US2013/77173 12/20/2013		Complete

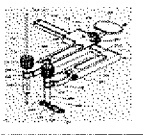
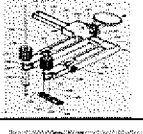

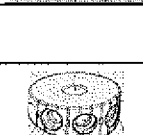

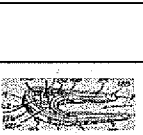
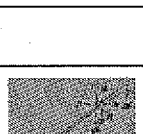
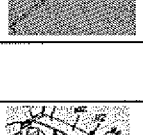

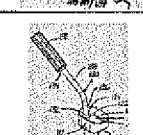
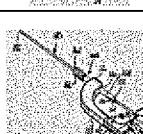
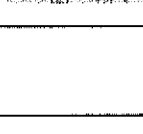
**TRADEMARK**



**Paragon 28**  
**Intellectual Property Portfolio - Utility Patents**  
**March 2017**

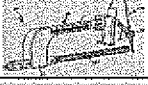

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.106A U.S.	Orthopedic Bone Plate And Locking Tab Apparatus		Utility	14/655,929 6/26/2015		Restriction Requirement issued 2/27/2017; response due without extension fees by <b>4/27/2017</b>
3645.106AEP Europe	Orthopedic Bone Plate And Locking Tab Apparatus		Utility	13867379.3 12/20/2013		Instructions to agent 3/27/2017 to respond to Office Action; Annuity fee due <b>12/20/2017</b>
3645.106BEP Europe	Orthopedic Bone Plate And Locking Tab Apparatus		Utility	14870973.6 12/20/2013		Annuity fee due <b>7/3/2017</b>
3645.106BWO PCT	Orthopedic Bone Plate And Locking Tab Apparatus		PCT	PCT/US2014/45446 7/3/2014		Complete
3645.107P U.S.	Bone Plate Alignment Guide Apparatus, Method And System		Provisional	61/746,928 12/28/2012		Complete
3645.107A U.S.	Alignment Guide Apparatus, Method And System		Utility	14/655,943 6/26/2015		Restriction Requirement issued 2/21/2017; response due without extension fees by <b>4/21/2017</b>
3645.107AWO PCT	Alignment Guide Apparatus, Method And System		PCT	PCT/US2013/77211 12/20/2013		Complete
3645.107AEP Europe	Alignment Guide Apparatus, Method And System		Utility	13869787.5 12/20/2013		Response to Office Action filed 2/10/2017; Annuity fee due <b>12/20/2017</b>
3645.107BWO PCT	Alignment Guide Apparatus, Method And System		PCT	PCT/US2014/45441 7/3/2014		Complete
3645.108SRC U.S.	Patentability Search On A Depth Gauge Surgical K-Wire					
3645.109 U.S.	Devices and Method of Achieving Bone Fusion		Utility	13/964,535 8/12/2013		Office Action issued 2/6/2017; Response due without extension fees by <b>5/6/2017</b>
3645.109A U.S.	Devices and Method of Achieving Bone Fusion		Utility	15/200,559 7/1/2016		Awaiting examination
3645.109AWO PCT	Devices and Method of Achieving Bone Fusion		PCT	PCT/US2014/050498 8/11/2014		Abandoned
3645.110 U.S.	Step Off Bone Plates, Systems, and Methods Of Use		Utility	14/547,616 11/19/2014		Awaiting examination
3645.110EP Europe	Step Off Bone Plates, Systems, and Methods Of Use		Utility	15195121.7 11/18/2015		Annuity fee due <b>11/18/2017</b>
3645.111P U.S.	Moveable Bone Plate Implantation System and Method of Use		Provisional	62/020,391 7/2/2014		Complete
3645.111AWO PCT	Moveable Bone Plate Implantation System and Method of Use		PCT	PCT/US2014/45576 7/7/2014		Complete

**Paragon 28**  
**Intellectual Property Portfolio - Utility Patents**  
**March 2017**

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.111A U.S.	Moveable Bone Plate Implantation System and Method of Use		Utility	15/388,827 12/22/2016		Awaiting examination
3645.111AEP Europe	Moveable Bone Plate Implantation System and Method of Use		Utility	14896339.0 7/7/2014		Annuity fee due 7/7/2017
3645.112P U.S.	Calc-Slide Bone Plate		Provisional	62/112,329 2/5/2015		Complete
3645.112WO PCT	Calc-Slide Bone Plate		PCT	PCT/US2016/016786 2/5/2016		Enter the National Phase at 30 <sup>th</sup> month 08/05/2017
3645.113P U.S.	Ankle Syndesmosis Implant		Provisional			On Hold
3645.114 U.S.	Method For Insertion of A Spacer Device In The Human Body		Utility	15/186,005 6/17/2016		Awaiting examination
3645.115P U.S.	Bone Cutting Instrument		Utility	62/335,741 5/13/2016		Perfect application and/or foreign filings by 5/31/2017
3645.116P U.S.	Zip Tie Hammertoe Implant		Utility			Hold per Paragon 28
3645.117P U.S.	Toe Compression Device		Utility			Hold per Paragon 28
3645.118P U.S.	Implants, Devices, Systems, Kits and Methods of Implanting		Provisional	62/459,772 02/16/2017		Perfect application and/or foreign filings by 2/16/2018
3645.119P U.S.	Straddle Bone Plate		Provisional			Application will be filed 3/30/2017
3645.120P U.S.	Implants, Devices, Instruments, Systems and Methods of Forming and Implanting		Provisional	62/461,201 02/20/2017		Perfect application and/or foreign filings by 2/20/2018
3645.121P U.S.	Implant Surface System		Provisional			Hold per Paragon 28
3645.122P U.S.	Foot Bone Fixation Device		Provisional	62/257,327 11/19/2015		Complete
3645.122AWO PCT	Bone Fixation Assembly, Implants and Methods of Use		PCT	PCT/US2016/063124 11/21/2016		Enter the National Phase at 30 <sup>th</sup> month 05/19/2018
3645.123P U.S.	Osteotomy Systems, Devices and Methods		Provisional	62/411,768 10/24/2016		Perfect application and/or foreign filings by 10/24/2017
3645.124P U.S.	Intramedullary Nail Alignment Guides, Fixation Guides, Devices, Systems, and Methods of Use		Provisional	62/464,175 02/27/2017		Perfect application and/or foreign filings by 2/27/2018
3645.125P U.S.	Hammer Tube		Provisional	62/469,748 03/10/2017		Perfect application and/or foreign filings by 3/10/2018
3645.126P U.S.	Hammergraft		Provisional			Not Filing- Combined with 120P

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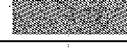

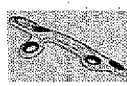
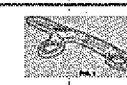











**Paragon 28**  
**Intellectual Property Portfolio - Utility Patents**  
**March 2017**

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.127P U.S.	Targeting Instruments, Systems and Methods of Use		Provisional	62/464,051 02/27/2017		Perfect application and/or foreign filings by <b>2/27/2018</b>
3645.128P U.S.	Curved (Jones) Targeting Instruments, Systems and Methods of Use		Provisional			Application will be filed 3/30/2017

**TRADEMARK**

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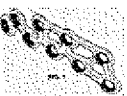

**Paragon 28**  
**Intellectual Property Portfolio - Design Patents**  
**March 2017**

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.200 U.S.	Lapidus Bone Wedge		Design	29/428,134 7/26/2012	D720,456 12/30/2014	Granted; expires 12/30/2028
3645.201 U.S.	Metatarsal Phalangeal Length Restoration Disc		Design	29/428,135 7/26/2012	D740,424 10/6/2015	Granted; expires 10/6/2029
3645.202 U.S.	Calcaneo-Cuboid Bone Wedge		Design	29/428,136 7/26/2012	D720,457 12/30/2014	Granted; expires 12/30/2028
3645.203 U.S.	Evans Calcaneal Bone Wedge		Design	29/428,134 7/26/2012	D691,272 10/8/2013	Granted; expires 10/8/2027
3645.204 U.S.	Subtalar Distraction Arthrodesis Bone Wedge		Design	29/538,559 9/4/2015		Awaiting examination
3645.204EM Europe	Subtalar Distraction Arthrodesis Bone Wedge		Design	003011451-0001/0003 03/03/2016		Awaiting examination
3645.205 U.S.	Lapidus Cut Guide		Design	29/428,138 7/26/2012	D695,402 12/10/2013	Granted; expires 12/10/2027
3645.206B U.S.	Bow Plate		Design	29/558,224 03/16/2016	D780,313 02/28/2017	Granted; expires 3/7/2032
3645.206BEM Europe	Bow Plate		Design	003380245 09/15/2016		Awaiting examination
3645.207 U.S.	Bone Plate		Design	29/507,071 10/23/2014	D765,844 09/06/2016	Granted; expires 9/6/2030
3645.207A U.S.	Bone Plate		Design (Continuation)	29/574,577 08/17/2016	D780,922 03/07/2017	Granted; expires 3/7/2032
3645.207AEM Europe	Bone Plate		Design (Continuation)	003757210-0001 02/17/2017		Awaiting examination
3645.208 U.S.	Bone Plate		Design	29/507,070 10/23/2014	D766,434 09/13/2016	Granted; expires 9/13/2030
3645.208EM Europe	Bone Plate		Design	002687590-0001/0006 4/23/2015	002687590- 0001/0006 05/02/2016	Granted; renewal due 4/23/2020 Expires 4/23/2040
3645.208A U.S.	Bone Plate		Design (Continuation)	29/574,579 08/17/2016	D780,923 03/07/2017	Granted; expires 3/7/2032
3645.208AEM Europe	Bone Plate		Design (Continuation)	003757210-0002 02/17/2017		Awaiting examination
3645.209 U.S.	Bone Plate		Design	29/520,412 3/13/2015	D766,437 09/13/2016	Granted; expires 9/13/2030
3645.209EM Europe	Bone Plate (Incorporates 032/033/034)		Design	002770354-0001/0009 9/10/2015		Awaiting examination
3645.209A U.S.	Bone Plate		Design (Continuation)	29/574,593 08/17/2016	D780,924 03/07/2017	Granted; expires 3/7/2032
3645.209AEM Europe	Bone Plate (Incorporates 032/033/034)		Design (Continuation)	003757210-0003 02/14/2017		Awaiting examination
3645.210 U.S.	Single Ray Bone Plate		Design	29/520,484 3/13/2015	D766,438 09/13/2016	Granted; expires 9/13/2030
3645.210A U.S.	Single Ray Bone Plate		Design (Continuation)	29/574,594 08/17/2016	D780,925 03/07/2017	Granted; expires 3/7/2032

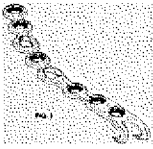



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**REEL: 007689 FRAME: 0028**

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Intellectual Property Portfolio - Design Patents  
March 2017

File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.210AEM Europe	Single Ray Bone Plate		Design (Continuation)	003757210-0004 02/14/2017		Awaiting examination
3645.211 U.S.	LIS Franc Bone Plate		Design	29/20,414 3/13/2015	D766,439 09/13/2016	Granted; expires 9/13/2030
3645.211A U.S.	Bone Plate		Design (Continuation)	29/574,597 08/17/2016	D780,926 03/07/2017	Granted; expires 3/7/2032
3645.211AEM Europe	Bone Plate		Design (Continuation)	003757210-0005 02/17/2017		Awaiting examination
3645.212 U.S.	Calc-Slide Bone Plate		Design	29/535,566 8/7/2015		Awaiting examination
3645.212EM Europe	Calc-Slide Bone Plate		Design	002974725-0001/0003 2/5/2016		Awaiting examination
3645.213 U.S.	Bone Wedge		Design			Closed
3645.214 U.S.	Titan Metal Wedge System		Design	29/591,158 01/17/2017		Awaiting examination
3645.215 U.S.	Cotton Bone Wedge		Design	29/591,160 01/17/2017		Awaiting examination
3645.216 U.S.	Straddle Bone Plate		Design	29/591,163 01/17/2017		Awaiting examination
3645.217 U.S.	Slotted Force Washer		Design	29/573,012 8/2/2016		Awaiting examination
3645.217EM Europe	Slotted Force Washer		Design	003733591 01/31/2017		Awaiting examination
3645.218 U.S.	Titan Cotton Metal Wedge		Design	29/591,167 01/17/2017		Awaiting examination
3645.219 U.S.	Removal Guides		Design	29/591,168 01/17/2017		Awaiting examination
3645.220 U.S.	Navicular Bone Plate		Design	29/591,169 01/17/2017		Awaiting examination
3645.221 U.S.	Navicular Bone Plate		Design	29/591,170 01/17/2017		Awaiting examination
3645.222 U.S.	Hook Plate- Avulsion		Design	29/596,468 03/08/2017		Awaiting examination

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File No. Country	Title	Drawing	Application Type	Serial No. Filing Date	Patent No. Issued Date	Status
3645.223 U.S.	Hook Plate- Jones		Design	29/596,471 03/08/2017		Awaiting examination
3645.224 U.S.	Hammer Graft (Graft Implant)		Design	29/596,474 03/08/2017		Awaiting examination
3645.225 U.S.	HammerTube (Tube Implant)		Design	29/598,119 03/23/2017		Awaiting examination
3645.226 U.S.	Staple Holder		Design	29/599,016 03/30/2017		Awaiting examination
3645.227 U.S.	Staple Holder (Angled)		Design	29/599,017 03/30/2017		Awaiting examination

**Trademarks and Trademark Applications from 2017 Security Agreement**

**Paragon 28**  
**Intellectual Property Portfolio - Trademarks**  
**March 2017**




File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date	Status
3645.300 U.S.	<b>PARAGON 28</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	86/237,529 3/31/2014	4810921 9/15/2015	Granted; Section 8/15 Declaration due between 9/15/2020 and 9/15/2021
3645.300MP Madrid Protocol	<b>PARAGON 28</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	A0045378 9/30/2014	1232440 9/30/2014	Granted; Dependency period ends 9/30/2019; Renewal due 9/30/2024 <b>Designated:</b> Europe: Granted Mexico: Granted Turkey: Pending
3645.301 U.S.	 IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	86/237,544 3/31/2014	4762945 6/30/2015	Granted; Section 8/15 Declaration due between 6/30/2019 and 6/30/2020
3645.301MP	 IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	A0045379 9/30/2014	1235075 9/30/2014	Granted; Dependency period ends 9/30/2019; Renewal due 9/30/2024 <b>Designated:</b> Europe: Granted Mexico: Granted Turkey: Granted
3645.302 U.S.	<b>MONSTER</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	86/216,119 3/10/2014	4617271 10/4/2014	Section 8/15 Declaration due between 10/7/2018 and 10/7/2019
3645.302MP Madrid Protocol	<b>MONSTER</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	A0044929 9/9/2014	1 231 685 9/9/2014	Granted; Dependency period ends 9/9/2019; Renewal due 9/9/2024 <b>Designated:</b> Europe: Granted Mexico: Granted Turkey: Granted
3645.303 U.S.	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates, for use in the foot and ankle	86/293,783 5/28/2014	4617755 10/7/2014	Section 8/15 Declaration due between 10/7/2018 and 10/7/2019
3645.303MP Madrid Protocol	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates, for use in the foot and ankle	A0046655 11/26/2014	1 243 981 11/26/2014	Granted; Dependency period ends 11/26/2019; Renewal due 11/26/2024 <b>Designated:</b> Europe: Granted Mexico: Granted Turkey: Abandoned
3645.304 U.S.	 IC 010 - Medical devices made of artificial materials, namely bone plates, for use in the foot and ankle	86/293,783 5/28/2014	4742612 5/26/2015	Section 8/15 Declaration due between 5/26/2020 and 5/26/2021
3645.304MP Madrid Protocol	 IC 010 - Medical devices made of artificial materials, namely bone plates, for use in the foot and ankle	A0046919 12/9/2014	1 245 066 12/9/2014	Granted; Dependency period ends 12/2/2019; Renewal due 12/2/2024 <b>Designated:</b> Europe: Granted Mexico: Granted Turkey: Abandoned

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date	Status
3645.305 U.S.	 IC 010 - Medical devices made of artificial materials, namely bone plates	86/858,891 12/28/2015	5,048,385 9/27/2016	Granted; Section 8/15 Declaratin due between <b>9/27/2021 and 9/27/2022</b>
3645.305A U.S.	<b>HEVANS</b> IC 010 - Medical devices made of artificial materials, namely bone plates	86/787,687 10/14/2016	5,048,177 9/27/2016	Granted; Section 8/15 Declaratin due between <b>9/27/2021 and 9/27/2022</b>
3645.306 U.S.	<b>MINI MONSTER</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws	86/787,693 10/14/2015	4,968,745 5/31/2016	Granted; Section 8/15 Declaration due between <b>5/31/2021 and 5/31/2022</b>
3645.306EM Europe	<b>MINI MONSTER</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws	15319486 4/8/2016	15319486 08/11/2016	Granted; Renewal due <b>4/8/2026</b>
3645.307 U.S.	<b>MONSTER SCREW SYSTEM (DESIGN)</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws			Proposed
3645.308 U.S.	<b>BOW AND ARROW</b> IC 010 - Medical devices made of artificial materials, namely bone plates and bone fixation implants	86/787,679 10/14/2015	4,972,672 06/07/2016	Granted; Section 8/15 Declaration due between <b>6/7/2021 and 6/7/2022</b>
3645.309 U.S.	<b>TUFFNEK</b> IC 010 - Medical devices made of artificial materials, namely surgical screws	86/787,646 10/14/2015	4,968,742 5/31/2016	Granted; Section 8/15 Declaration due between <b>5/31/2021 and 5/31/2022</b>
3645.309EM Europe	<b>TUFFNEK</b> IC 010 - Medical devices made of artificial materials, namely surgical screws	14658322 10/12/2015	14658322 2/2/2016	Granted; Renewal due <b>10/12/2025</b>
3645.310 U.S.	<b>PARADERM</b> IC 005 - Human tissue allografts for use in the human body	86/787,662 10/14/2015	4,968,743 5/31/2016	Granted; Section 8/15 Declaration due between <b>5/31/2021 and 5/31/2022</b>
3645.310EM Europe	<b>PARADERM</b> IC 005 - Human tissue allografts for use in the human body	15319502 4/8/2016		<b>Abandoned</b>
3645.311 U.S.	<b>PRESERVE BONE WEDGE SYSTEM (DESIGN)</b> IC 010 -			Proposed
3645.312 U.S.	<b>PRECISION GUIDE</b> IC 010 - Surgical instruments for use in pediatric and orthopedic surgery	86/787,673 10/14/2015		Office Action issued 11/18/2016; Response due <b>5/18/2017</b>
3645.313 U.S.	<b>TITAN WEDGE SYSTEM</b> IC 010 -			Proposed- Application sent to Paragon 28 on 10/09/2015
3645.314 U.S.	<b>V92</b> IC 010 - Bone matrix for treating bone defects; Stem cells for medical purposes	86/935,418 3/10/2016	5,063,632 10/18/2016	Granted; Sectin 8/15 Declaration due between <b>10/18/2021 and 10/18/2022</b>
3645.315 U.S.	 IC 010 - Biological tissue, namely, umbilical cord membranes, placenta membranes and amniotic fluid for use as allograft material	86/935,428 3/10/2016		Notice of Suspension of application issued 6/26/2016 - likelihood of confusion to Application Serial No. 85/651,379
3645.315EM Europe	 IC 010 - Biological tissue, namely, umbilical cord membranes, placenta membranes and amniotic fluid for use as allograft material	15823164 09/09/2016	15823164 02/15/2017	Granted; renewal due 09/09/2026



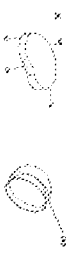





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**Paragon 28**  
**Intellectual Property Portfolio - Trademarks**  
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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date	Status
3645.316 U.S.	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	87/104,044 07/14/2016		Office Action issued 11/1/2016; Response due 5/1/2017
3645.316MP Madrid Protocol	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	A0064274 01/13/2017		Pending;  <b>Designated:</b> Europe: pending
3645.316ZA South Africa	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	2017/0141 01/13/2017		Pending;  Filed directly with agent
3645.316A U.S.	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	87/104,035 07/14/2016	5,155,306 03/07/2017	Granted; Sectin 8/15 Declaration due between 3/7/2022 and 3/7/2023
3645.316AMP Madrid Protocol	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	A0064272 01/13/2017		Pending;  <b>Designated:</b> Europe: pending
3645.316AZA South Africa	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	2017/0142 01/13/2017		Pending;  Filed directly with agent
3645.317 U.S.	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	87/170,714 09/14/2016	5,151,313 02/28/2017	Granted; Section 8/15 Declaration due between 2/28/2022 and 2/28/2023
3645.317MP Madrid Protocol	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	A0065587 03/13/2017		Pending;  Designated: Europe: pending
3645.317ZA South Africa	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	3/14/2017		Pending
3645.318 U.S.	<b>TITAN 3-D</b> IC 010 - Medical implants, namely, wedges and spacers comprised of artificial materials	87/186,346 09/28/2016		Office Action issued 11/1/2016; Response due 5/1/2017








**Patents and Patent Applications from 2018 Intellectual Property Security Agreement**

Paragon 28  
Intellectual Property Portfolio - Utility Patents  
November 2018

File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.101A U.S.	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		14/110,536 10/8/2013	9,452,057 09/27/2016
3645.101AWO PCT	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		PCT/US2012/032765 4/9/2012	
3645.101AEP Europe	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		12767318.4 4/9/2012	
3645.101B U.S.	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		14/458,722 8/13/2014	
3645.101C U.S.	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		15/260,836 09/09/2016	9,848,893 12/26/2017
3645.101D U.S.	MTP Protector Sleeves	Bone Implants And Cutting Apparatuses And Methods		15/852,867 12/22/2017	
3645.102A U.S.		Orthopaedic Plate And Spreader Apparatuses And Methods		14/110,571 10/8/2013	9,289,252 3/22/2016
3645.102AWO PCT		Orthopaedic Plate And Spreader Apparatuses And Methods		PCT/US2012/32776 4/9/2012	


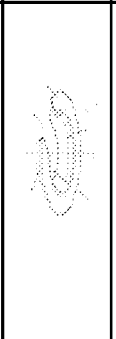


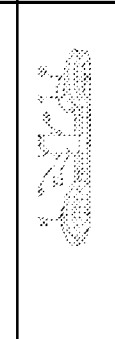



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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.102AEP Europe		Orthopaedic Plate And Spreader Apparatuses And Methods		12842779.6 4/9/2012	
3645.103P U.S.		Charco-Resis Implant, Alignment Instrument, System And Method Of Use		61/599,604 02/16/2012	
3645.103AWO PCT		Charco-Resis Implant, Alignment Instrument, System And Method Of Use		PCT/US2013/026397 02/15/2013	
3645.104P U.S.	MTP & Lapidus Nail	Intramedullary Fixation Devices And Methods		61/793,212 3/15/2013	
3645.104A U.S.	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		14/776,418 9/14/2015	9,907,562 3/6/2018
3645.104B U.S.	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		15/911,680 3/05/2018	
3645.104AWO PCT	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		PCT/US2014/27086 3/14/2014	
3645.104AEP Europe	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		14769984.7 10/15/2015	
3645.104AEP Europe	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		Awaiting No. 3/14/2014	

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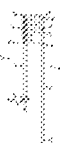



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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.104B U.S.	MTP & Lapidus Nail	Intramedullary Nail Fixation Guides, Devices, and Methods of Use		15/911,680 3/5/2018	
3645.105WO PCT	Split Washer	Force Distribution Implant, Assembly and Kit		PCT/US2013/30768 3/13/2013	
3645.105 U.S.	Split Washer	Force Distribution Implant, Assembly and Kit		14/776,149 9/14/2015	
3645.105EP Europe	Split Washer	Force Distribution Implant, Assembly and Kit		13878311.3 3/13/2013	
3645.106P U.S.	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus		61/746,901 12/28/2012	
3645.106AWO PCT	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		PCT/US2013/77173 12/20/2013	
3645.106A U.S.	BOW Evans	BOW Evans		14/655,929 6/26/2015	9,949,773 4/24/2018
3645.106ADE Germany	BOW Evans	BOW Evans		13867379.3 12/20/2013	2938300 05/02/2018
3645.106AEP Europe	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		13867379.3 12/20/2013	2938300 05/02/2018

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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.106AFR France	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		13867379.3 12/20/2013	2938300 05/02/2018
3645.106AGB United Kingdom	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		13867379.3 12/20/2013	2938300 05/02/2018
3645.106BEP Europe	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		14870973.6 10/30/2015	
3645.106BWO PCT	BOW Evans	Orthopedic Bone Plate And Locking Tab Apparatus and Method of Use		PCT/US2014/45446 7/3/2014	
3645.107P U.S.	MTP Plate Alignment Guide	Bone Plate Alignment Guide Apparatus, Method And System		61/746,928 12/28/2012	
3645.107A U.S.	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		14/655,943 6/26/2015	9,936,995 4/10/2018
3645.107AWO PCT	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		PCT/US2013/77211 12/20/2013	

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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.107AEP Europe	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		13869787.5 12/20/2013	
3645.107AEP Europe	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		18201132.0 10/18/2018	
3645.107BWO PCT	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		PCT/US2014/45441 7/3/2014	
3645.107B U.S.	MTP Plate Alignment Guide	Alignment Guide Apparatus, Method And System		15/948,759 4/9/2018	
3645.109 U.S.	Grooved K-wire	Devices and Method of Achieving Bone Fusion		13/964,535 8/12/2013	9,848,929 12/26/2017
3645.109A U.S.	Grooved K-wire	Devices and Method of Achieving Bone Fusion		15/200,559 7/1/2016	9,962,209 5/8/2018
3645.109AWO PCT	Grooved K-wire	Devices and Method of Achieving Bone Fusion		PCT/US2014/050498 8/11/2014	
3645.110 U.S.	Lapidus Step Off Plate	Step Off Bone Plates, Systems, and Methods Of Use		14/547,616 11/19/2014	9,980,760 05/29/2018
3645.110EP Europe	Lapidus Step Off Plate	Step Off Bone Plates, Systems, and Methods Of Use		15195121.7 11/18/2015	









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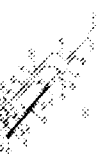


File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.111P U.S.	Compression Through Plate	Moveable Bone Plate Implantation System and Method of Use		62/020,391 7/2/2014	
3645.111AWO PCT	Compression Through Plate	Moveable Bone Plate Implantation System and Method of Use		PCT/US2014/45576 7/7/2014	
3645.111A U.S.	Compression Through Plate	Moveable Bone Plate Implantation System and Method of Use		15/388,827 12/22/2016	
3645.111AEP Europe	Compression Through Plate	Moveable Bone Plate Implantation System and Method of Use		14896339.0 1/31/2017	
3645.112P U.S.	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		62/112,329 2/5/2015	
3645.112WO PCT	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		PCT/US2016/016786 02/05/2016	
3645.112A U.S.	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		15/668,856 08/04/2017	
3645.112AU Australia	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		2016215127 02/05/2016	
3645.112CA Canada	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		2976063 02/05/2016	

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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.112EP	Calcaneous Slide Plate	Bone Plates, Systems, and Methods of Use		16747336.2 02/05/2016	
3645.113P U.S.	Syndesmosis	Ankle Syndesmosis Implant		62/559,047 09/15/2017	
3645.113A U.S.	Syndesmosis	Ankle Syndesmosis Implant		16/134,236 09/18/2018	
3645.113AWO PCT	Syndesmosis	Ankle Syndesmosis Implant		PCT/US2018/051349 09/17/2018	
3645.114 U.S.	Subtalar Bone Graft	Implants, Devices, Systems Kits and Methods of Implanting		15/186,005 6/17/2016	
3645.114EP Europe	Subtalar Bone Graft	Implants, Devices, Systems Kits and Methods of Implanting		17176459.0 06/16/2017	
3645.115P U.S.	Nipper	Bone Removal Instrument		62/335,741 5/13/2016	
3645.115AWO PCT	Nipper	Tissue Removal Instrument		PCT/US2017/032654 05/15/2017	

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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.118P U.S.	Titan	Implants, Devices, Systems, Kits and Methods of Implanting		62/459,772 02/16/2017	
3645.118A U.S.	Titan	Implants, Devices, Systems, Kits and Methods of Implanting		15/920,887 3/14/2018	
3645.118AWO PCT	Titan	Implants, Devices, Systems, Kits and Methods of Implanting		PCT/US2018/00076 2/16/2018	
3645.119P U.S.	Medial Column Straddle Plate	Bone Fixation System, Assembly, Implants, Devices, Alignment Guides, and Methods of Use		62/478,984 3/30/2017	
3645.119A U.S.	Medial Column Straddle Plate	Bone Fixation System, Assembly, Implants, Devices, Alignment Guides, and Methods of Use		15/942,040 3/30/2018	
3645.119AWO PCT	Medial Column Straddle Plate	Bone Fixation System, Assembly, Implants, Devices, Alignment Guides, and Methods of Use		PCT/US2018/025443 3/30/2018	
3645.120P U.S.	Hammer toe	Implants, Devices, Instruments, Systems and Methods of Forming and Implanting		62/461,201 02/20/2017	
3645.120A U.S.	Hammer toe	Implants, Devices, Instruments, Systems and Methods of Forming and Implanting		15/900,528 2/20/2018	


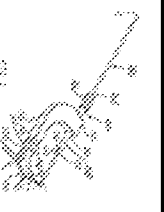


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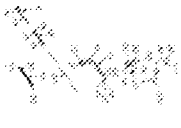
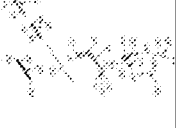
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3645.120AWO PCT U.S.	Hammer toe	Implants, Devices, Instruments, Systems and Methods of Forming and Implanting		PCT/US2018/18821 2/20/2018	
3645.122P U.S.	Lateral Column Fusion Plate (Blackledge)	Foot Bone Fixation Device		62/257,327 11/19/2015	
3645.122AWO PCT U.S.	Lateral Column Fusion Plate (Blackledge)	Bone Fixation Assembly, Implants and Methods of Use		PCT/US2016/063124 11/21/2016	
3645.123P U.S.	PROMO	Osteotomy Systems, Devices and Methods		62/411,768 10/24/2016	
3645.123P-1	PROMO	Osteotomy Systems, Devices and Methods		62/531,176 07/11/2017	
3645.123A	PROMO	Osteotomy Systems, Devices and Methods		15/792,730 10/24/2017	
3645.123AWO	PROMO	Osteotomy Systems, Devices and Methods		PCT/US2017/058168 10/24/2017	

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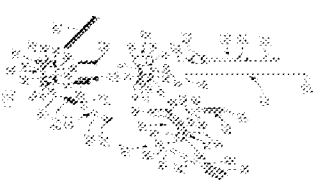


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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.124P U.S.	Lapidus Nail Compression	Intramedullary Nail Alignment Guides, Fixation Guides, Devices, Systems, and Methods of Use		62/464,175 02/27/2017	
3645.124A U.S.	Lapidus Nail Compression	Intramedullary Nail Alignment Guides, Fixation Guides, Devices, Systems, and Methods of Use		15/907,850 2/28/2018	
3645.124AWO PCT	Lapidus Nail Compression	Intramedullary Nail Alignment Guides, Fixation Guides, Devices, Systems, and Methods of Use		PCT/US2018/20046 2/27/2018	
3645.125P U.S.	Hammer Tube Surface Roughness	Bone Implant Device		62/469,748 03/10/2017	
3645.125A U.S.	Hammer Tube Surface Roughness	Bone Implant Device		15/920,615 3/14/2018	
3645.125AWO PCT	Hammer Tube Surface Roughness	Bone Implant Device		PCT/US2018/22079 03/12/2018	
3645.127P U.S.	Claw Pivot Guide	Targeting Instruments, Systems and Methods of Use		62/464,051 02/27/2017	

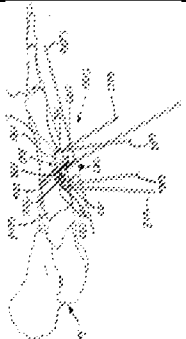





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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.127A U.S.	Claw Pivot Guide	Targeting Instruments, Systems and Methods of Use		15/908,048 2/28/2018	
3645.127A WO PCT	Claw Pivot Guide	Targeting Instruments, Systems and Methods of Use		PCT/US2018/20053 2/27/2018	
3645.128P U.S.	Jones Curved Targeting Guide	Bone Fixation System, Assembly, Devices, Insertion Guides, and Methods of Use		62/479,535 03/31/2017	
3645.128A U.S.	Jones Curved Targeting Guide	Bone Fixation System, Assembly, Devices, Insertion Guides, and Methods of Use		15/942,074 3/30/2018	
3645.128A WO PCT	Jones Curved Targeting Guide	Bone Fixation System, Assembly, Devices, Insertion Guides, and Methods of Use		PCT/US2018/025454 3/30/2018	

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<b>File No. Country</b>	<b>P28 Reference</b>	<b>Title</b>	<b>Drawing</b>	<b>App. No. Filing Date</b>	<b>Patent No. Issued Date</b>
3645.130P U.S.	N-C Plating	Bone Fixation System, Assembly, Implants, Devices, Alignment Guides, and Methods of Use		62/530,909 07/11/2017	
3645.130A U.S.	N-C Plating	Bone Fixation System, Assembly, Implants, Devices, Insertion Guides, and Methods of Use		16/035,333 07/13/2018	
3645.130AWO PCT	N-C Plating	Bone Fixation System, Assembly, Implants, Devices, Insertion Guides, and Methods of Use		PCT/US2018/041657 07/11/2018	

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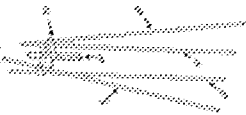
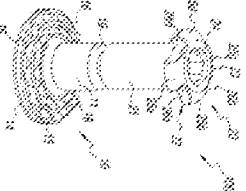

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3645.131P U.S.	Lapidus Cut Guides	Osteotomy Alignment and Cut Guides		62/595,155 12/06/2017	
3645.132P U.S.	Compression Cap Syndesmosis	Ligament Fixation System, Implants, and Devices with Compression Cap, and Methods of Use		62/576,946 10/25/2017	
3645.132AWO PCT	Compression Cap Syndesmosis	Ligament Fixation System, Implants, and Devices with Compression Cap, and Methods of Use		PCT/US2018/57554 10/25/2018	
3645.133P U.S.	Flexible/ Dynamic Syndesmosis	Ligament Fixation System, Implants, Devices, and Methods of Use		62/569,238 10/06/2017	
3645.133AWO PCT	Flexible/ Dynamic Syndesmosis	Ligament Fixation System, Implants, Devices, and Methods of Use		PCT/US2018/055028 10/09/2018	
3645.134P U.S.	Grenade	Implant and Methods of Use and Assembly		62/637,051 3/1/2018	






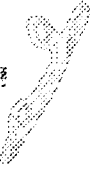
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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.135 U.S.	Lateral Column Fusion Plate (Blackledge)	Bone Fixation Assembly, Implants and Methods of Use		15/836,416 12/08/2017	
3645.135WO PCT	Lateral Column Fusion Plate (Blackledge)	Bone Fixation Assembly, Implants and Methods of Use		PCT/US2017/065315 12/08/2017	
3645.136P U.S.	Laser guided Alignment Guide	Lower Extremity Laser Alignment System for Total Joints		62/663,664 4/30/2018	
3645.139P U.S.	TAR Implant	Total Ankle Arthroplasty System		62/661,945 4/24/2019	
3645.141P U.S.	Anterior Ankle Fusion Plate	Implant, Alignment Guide, System and Methods of Use		62/696,788 7/11/2018	










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File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date	Patent No. Issued Date
3645.142P U.S.	MIS Lapidus Cut Guide	Guides, Instruments, Systems and Methods of Use		62/695,838 7/10/2018	
3645.143A U.S.	Blackledge/ Tendon Retention Device	Tendon Retention Device		15/687,450 08/26/2017	
3645.143AWO PCT	Blackledge/ Tendon Retention Device	Tendon Retention Device		PCT/US2017/048780 08/26/2017	









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File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645,200 U.S.		Lapidus Bone Wedge		29/428,134 7/26/2012	D720,456 12/30/2014
3645,201 U.S.		Metatarsal Phalangeal Length Restoration Disc		29/428,135 7/26/2012	D740,424 10/6/2015
3645,202 U.S.		Calcaneo-Cuboid Bone Wedge		29/428,136 7/26/2012	D720,457 12/30/2014
3645,203 U.S.		Evans Calcaneal Bone Wedge		29/428,137 7/26/2012	D691,272 10/8/2013
3645,204 U.S.		Wedge Insert		29/538,559 9/4/2015	
3645,204EM Europe		Wedge Insert		003011451-0001/0003 03/03/2016	003011451-0001/0003 03/03/2016
3645,205 U.S.		Lapidus Cut Guide		29/428,138 7/26/2012	D695,402 12/10/2013
3645,206B U.S.		Bow Plate		29/558,224 03/16/2016	D780,313 02/28/2017
3645,206BEM Europe		Bow Plate		003380245 09/15/2016	003380245-0001 9/21/2017
3645,207 U.S.		Bone Plate		29/507,071 10/23/2014	D765,844 09/06/2016
3645,207A U.S.		Bone Plate		29/574,577 08/17/2016	D780,922 03/07/2017


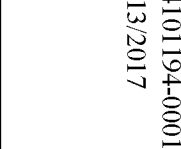
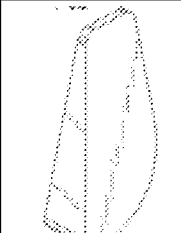
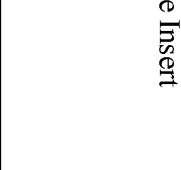

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File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.207AEM Europe		Bone Plate		003757210-0001 02/17/2017	003757210-0001 2/23/2018
3645.208 U.S.		Bone Plate		29/507,070 10/23/2014	D766,434 09/13/2016
3645.208EM Europe		Bone Plate		002687590-0001/0006 4/23/2015	002687590-0001/0006 05/02/2016
3645.208A U.S.		Bone Plate		29/574,579 08/17/2016	D780,923 03/07/2017
3645.208AEM Europe		Bone Plate		003757210-0002 02/17/2017	003757210-0002 2/23/2018
3645.209 U.S.		Bone Plate		29/520,412 3/13/2015	D766,437 09/13/2016
3645.209EM Europe		Bone Plate		002770354-0001/0009 9/10/2015	002770354-0001/0009 9/10/2015
3645.209A U.S.		Bone Plate		29/574,593 08/17/2016	D780,924 03/07/2017
3645.209AEM Europe		Bone Plate		003757210-0003 02/17/2017	003757210-0003 2/23/2018





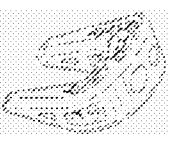
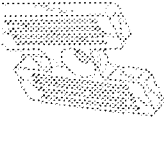
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File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.210 U.S.		Single Ray Bone Plate		29/520,413 3/13/2015	D766,438 09/13/2016
3645.210A U.S.		Single Ray Bone Plate		29/574,594 08/17/2016	D780,925 03/07/2017
3645.210AEM Europe		Single Ray Bone Plate		003757210-0004 02/17/2017	003757210-0004 2/23/2018
3645.211 U.S.	LIS Franc Bone Plate	Bone Plate		29/520,414 3/13/2015	D766,439 09/13/2016
3645.211A U.S.		Bone Plate		29/574,597 08/17/2016	D780,926 03/07/2017
3645.211AEM Europe		Bone Plate		003757210-0005 02/17/2017	003757210-0005 2/23/2018
3645.212 U.S.		Calc-Slide Bone Plate		29/535,566 8/7/2015	D812,209 05/29/2018
3645.212EM Europe		Calc-Slide Bone Plate		002974725-0001/0003 2/5/2016	002974725-0001/0003 03/13/2017
3645.214 U.S.		Spacer Wedge		29/591,158 01/17/2017	D814,037 03/27/2018

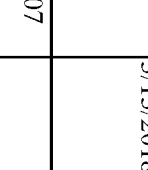
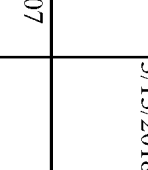


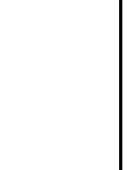

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File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.214A U.S.	Titan Wedge	Spacer Wedge		29/639,277 3/06/2018	D832,441 10/30/2018
3645.214EM Europe		Spacer Wedge		004101194-0001/0007 07/13/2017	
3645.215 U.S.		Wedge Insert		29/591,160 01/17/2017	D813,394 3/20/2018
3645.215EM Europe		Wedge Insert		004101194-0001/0007 07/13/2017	
3645.216 U.S.		Fixation Plate		29/591,163 01/17/2017	D812,755 3/13/2018
3645.216EM Europe		Fixation Plate		004101194-0001/0007 07/13/2017	

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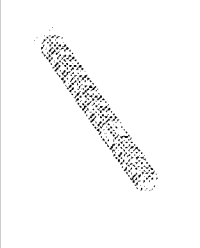
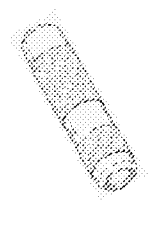
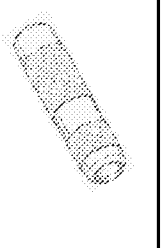


File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.217 U.S.		Slotted Force Washer		29/573,012 8/2/2016	D797,937 09/19/2017
3645.217EM Europe		Slotted Force Washer		003733591 01/31/2017	003733591-0001 2/12/2018
3645.218 U.S.	Titan Wedge	Wedge Insert		29/591,167 01/17/2017	D814,634 4/03/2018
3645.218A U.S.	Titan Wedge	Wedge Insert		29/642,641 3/30/2018	
3645.218EM Europe		Wedge Insert		004101194-0001/0007 07/13/2017	
3645.219 U.S.		Resection Guide		29/591,168 01/17/2017	D827,820 09/04/2018

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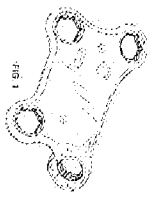





File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.219EM Europe		Resection Guide		00-4101194-0001/0007 07/13/2017	
3645.220 U.S.		Navicular Bone Plate		29/591,169 01/17/2017	D812,756 3/13/2018
3645.220EM Europe		Navicular Bone Plate		00-4101194-0001/0007 07/13/2017	
3645.221 U.S.		Navicular Bone Plate		29/591,170 01/17/2017	D812,757 3/13/2018
3645.221EM Europe		Navicular Bone Plate		00-4101194-0001/0007 07/13/2017	
3645.222 U.S.	Hook Plate Avulsion	Hook Plate		29/596,468 03/08/2017	
3645.223 U.S.	Hook Plate Jones	Hook Plate		29/596,471 03/08/2017	



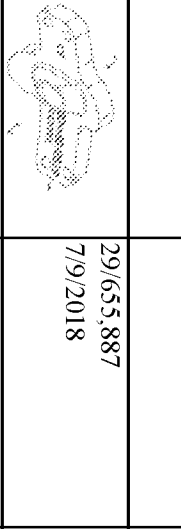
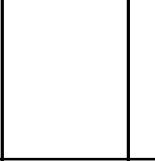
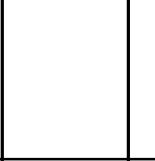
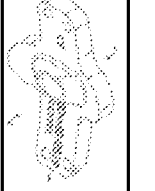
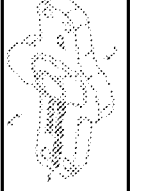
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3645.224 U.S.	Hammergraft	Graft Implant		29/596,474 03/08/2017	
3645.224EM RCD	Hammergraft	Graft Implant		4247302 09/08/2017	
3645.225 U.S.	Hammertube	Tube Implant		29/598,119 03/23/2017	
3645.225EM RCD	Hammertube	Tube Implant		004368884-0001/0003 09/22/2017	004368884-0001/0003 09/25/2018
3645.228A U.S.	Lapidus Nail	Intramedullary Fastener		29/627,076 11/22/2017	
3645.228AEM RCD	Lapidus Nail	Intramedullary Fastener		005270915 May 17, 2018	

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File No. Country	P28 Reference	Title	Drawing	Serial No. Filing Date	Patent No. Issued Date
3645.229 U.S.	N-C Plate	Bone Plate		29/609,148 06/28/2017	D822,832 07/10/2018
3645.229A U.S.	N-C Plate	Bone Plate		29/649,990 06/04/2018	
3645.229EM RCD	N-C Plate	Bone Plate		004556561-0001 12/19/2017	
3645.230 U.S.		Hook Plate Jones		29/624,637 11/02/2017	
3645.230EM RCD		Hook Plate Jones		005245792 4/24/2018	
3645.231 U.S.	Welpi	Retractor		29/634,153 1/18/2018	

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3645,232 U.S.	Welpi	Clamp		29/634,151 1/18/2018	
3645,233 U.S.		Bone Plate		29/653,726 6/18/2018	
3645,234 U.S.		Bone Plate		29/656,227 7/11/2018	
3645,235 U.S.		Cut Guide		29/655,887 7/9/2018	
3645,236 U.S.		Bone Plate		29/664,522 9/26/2018	

**Trademarks and Trademark Applications from 2018 Intellectual Property Security Agreement**

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.300 U.S.	<b>PARAGON 28</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	86/237,529 3/31/2014	4,810,921 9/15/2015
3645.300MP Madrid Protocol	<b>PARAGON 28</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	A0045378 9/30/2014	1232440 9/30/2014
3645.301 U.S.	IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	86/237,544 3/31/2014	4,762,945 6/30/2015
3645.301MP	IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	A0045379 9/30/2014	1235075 9/30/2014
3645.302 U.S.	<b>MONSTER</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	86/216,119 3/10/2014	4,617,271 10/7/2014

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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645.302MP Madrid Protocol	<b>MONSTER</b> IC 010 - medical devices made of artificial materials, namely surgical implants for use in the foot and ankle; surgical instruments for use in surgery of the foot and ankle	A0044929 9/9/2014	1 231 685 9/9/2014
3645.303 U.S.	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates; for use in the foot and ankle	86/293,783 5/28/2014	4,617,755 10/7/2014
3645.303MP Madrid Protocol	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates; for use in the foot and ankle	A0046655 11/26/2014	1 243 981 11/26/2014
3645.304 U.S.	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates; for use in the foot and ankle	86/372,047 08/20/2014	4,742,612 5/26/2015
3645.304MP Madrid Protocol	<b>GORILLA</b> IC 010 - Medical devices made of artificial materials, namely bone plates; for use in the foot and ankle	A0046919 12/9/2014	1 245 066 12/9/2014
3645.305 U.S.	 IC 010 - Medical devices made of artificial materials, namely bone plates	86/858,891 12/28/2015	5,048,385 9/27/2016
3645.305A U.S.	<b>HEVANS</b> IC 010 - Medical devices made of artificial materials, namely bone plates	86/787,687 10/14/2015	5,048,177 9/27/2016





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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.306 U.S.	<b>MINI MONSTER</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws	86/787,693 10/14/2015	4,968,745 5/31/2016
3645.306EM Europe	<b>MINI MONSTER</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws	15319486 4/8/2016	15319486 08/11/2016
3645.307 U.S.	<b>MONSTER SCREW SYSTEM (DESIGN)</b> IC 010 - Medical devices fabricated from artificial materials, namely surgical screws		
3645.308 U.S.	<b>BOW AND ARROW</b> IC 010 - Medical devices made of artificial materials, namely bone plates and bone fixation implants	86/787,679 10/14/2015	4,972,672 06/07/2016
3645.309 U.S.	<b>TUFFNEK</b> IC 010 - Medical devices made of artificial materials, namely surgical screws	86/787,646 10/14/2015	4,968,742 5/31/2016
3645.309EM Europe	<b>TUFFNEK</b> IC 010 - Medical devices made of artificial materials, namely surgical screws	14658322 10/12/2015	14658322 2/2/2016
3645.310 U.S.	<b>PARADERM</b> IC 005 - Human tissue allografts for use in the human body	86/787,662 10/14/2015	4,968,743 5/31/2016
3645.310EM Europe	<b>PARADERM</b> IC 005 - Human tissue allografts for use in the human body	15319502 4/8/2016	
3645.311 U.S.	<b>PRESERVE BONE WEDGE SYSTEM (DESIGN)</b> IC 010 -		
3645.312 U.S.	<b>PRECISION</b> IC 010 - Surgical instruments for use in pediatric and orthopedic surgery	86/787,673 10/14/2015	5,267,937 08/15/2017
3645.313 U.S.	<b>TITAN WEDGE SYSTEM</b> IC 010 -		

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.314 U.S.	V92 IC 010 - Bone matrix for treating bone defects; Stem cells for medical purposes	86/935,418 3/10/2016	5,063,632 10/18/2016
3645.315 U.S.	 IC 010 - Biological tissue, namely, umbilical cord membranes, placenta membranes and amniotic fluid for use as allograft material	86/935,428 3/10/2016	5,409,949 2/27/2018
3645.315EM Europe	 IC 010 - Biological tissue, namely, umbilical cord membranes, placenta membranes and amniotic fluid for use as allograft material	15823164 09/09/2016	15823164 02/15/2017
3645.316 U.S.	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	87/104,044 07/14/2016	5,274,282 08/29/2017
3645.316MP Madrid Protocol	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	A0064274 01/13/2017	1355280 01/13/2017

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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645.316ZA South Africa	 IC 010 - Medical devices made of artificial materials, namely, surgical implants for use in the foot and ankle, surgical instruments for use in surgery of the foot and ankle	2017/0141 01/13/2017	
3645.316A U.S.	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	87/104,035 07/14/2016	5,155,306 03/07/2017
3645.316AMP Madrid Protocol	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	A0064272 01/13/2017	1341483 01/13/2017
3645.316AZA South Africa	 IC 05 - Human bone and tissue allografts for use with the foot and ankle	2017/0142 01/13/2017	
3645.317 U.S.	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	87/170,714 09/14/2016	5,151,313 02/28/2017




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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date	Status
3645.317MP Madrid Protocol	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	A0065587 03/13/2017	1347063 03/13/2017	Granted; Dependency Period 3/13/2022; Renewal due 3/13/2027
3645.317ZA South Africa	<b>BEAST 100</b> IC 005 - Bone void filler consisting of natural materials	3/14/2017 2017/06938		Advertised for opposition 10/31/2018; opposition period ends 1/31/2019
3645.318 U.S.	<b>TITAN 3-D</b> IC 010 - Medical implants, namely, wedges and spacers comprised of artificial materials	87/186,346 09/28/2016		Notice of Suspension of application issued 6/20/2018 - likelihood of confusion to Application Serial Nos. 87/142,623, 87/123,004 and 87/122,992 Likelihood of confusion with U.S. 3,908,788 maintained
3645.318MP Madrid Protocol	<b>TITAN 3-D</b> IC 010 - Medical implants, namely, wedges and spacers comprised of artificial materials	A0065931 03/28/2017	1351598 03/28/2017	Granted; Dependency Period 3/18/2022; Renewal due due 03/28/2027
3645.318ZA South Africa	<b>TITAN 3-D</b> IC 010 - Medical implants, namely, wedges and spacers comprised of artificial materials	2017/08512 03/28/2017		<b>Designated:</b> Europe: Abandoned Pending; response to Office Action filed
3645.318A U.S.	<b>TITAN 3-D</b> IC 010 - Medical implants, namely wedges spacers, comprised of artificial materials, for placement between bone segments in the foot and ankle 	87/627,686 9/29/2017		Published for opposition on 08/28/2018

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.318AMP Madrid Protocol	 <p>IC 010 - Medical implants, namely wedges spacers, comprised of artificial materials, for placement between bone segments in the foot and ankle</p>	A0074554 3/26/2018	1411079 03/26/2018
3645.318AZA South Africa	 <p>IC 010 - Medical implants, namely wedges spacers, comprised of artificial materials, for placement between bone segments in the foot and ankle</p>	2018/07999 3/22/2018	
3645.319 U.S.	<p><b>BABY GORILLA</b></p> <p>IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments</p>	87/482,760 06/09/2017	5,378,789 1/16/2018
3645.319MP Madrid Protocol	<p>Word mark</p> <p><b>BABY GORILLA</b></p> <p>IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments</p> <p><b>Word mark</b></p>	A0071485 11/29/2017	1383814 11/16/2017

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.319ZA South Africa	<b>BABY GORILLA</b> IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	2017/33681 11/17/2017	
3645.319A U.S.	<b>Word mark</b>  IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	87/482,750 06/09/2017	5,378,787 1/16/2018
3645.319AMP Madrid Protocol	 IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	A0071486 11/16/2017	1385498 11/16/2017
3645.319AZA South Africa	 IC 010 - Medical devices made of artificial materials, namely, bone plates, bone screws and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	2017/33682 11/17/2017	

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.320 U.S.	<b>JAWS</b>		
3645.320A U.S.	<b>JAWS</b> IC 010 - Podiatric surgical devices comprised of artificial materials, namely, staple-shaped implants for use in osteotomy, arthrodesis, and fracture fixation in the foot and ankle; surgical instruments for use in podiatric surgery	87/527.161 07/13/2017	5.380.625 1/16/2018
3645.320AMP Madrid Protocol	<b>JAWS</b> IC 010 - Podiatric surgical devices comprised of artificial materials, namely, staple-shaped implants for use in osteotomy, arthrodesis, and fracture fixation in the foot and ankle; surgical instruments for use in podiatric surgery	A0072624 01/04/2018	1396968 1/4/2018
3645.320AZA South Africa	<b>JAWS</b> IC 010 - Podiatric surgical devices comprised of artificial materials, namely, staple-shaped implants for use in osteotomy, arthrodesis, and fracture fixation in the foot and ankle; surgical instruments for use in podiatric surgery	1/4/2018	

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REEL: 007300 FRAME: 0439

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.321 U.S.	<b>P28</b> IC 010 - Medical devices made of artificial materials; namely, bone plates, bone screws, and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	87/687,357 11/16/2017	5,464,682 5/8/2018
3645.321MP Madrid Protocol	<b>P28</b> IC 010 - Medical devices made of artificial materials; namely, bone plates, bone screws, and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	A0075839 5/15/2018	
3645.321ZA South Africa	<b>P28</b> IC 010 - Medical devices made of artificial materials; namely, bone plates, bone screws, and surgical instruments for use in the foot and ankle; medical trays for sterilization and storage of surgical instruments	5/14/2018	
3645.322 U.S.	<b>PROMO</b> IC 010 - Surgical implants; namely bone plates, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments	87/687,378 11/16/2017	5,464,683 5/8/2018

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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645.322MP Madrid Protocol	<b>PROMO</b>  IC 010 - Surgical implants, namely bone plates, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments	A0075840 5/14/2018	1414469 05/14/2018
3645.322ZA South Africa	<b>PROMO</b>  IC 010 - Surgical implants, namely bone plates, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments	5/14/2018	
3645.323 U.S.	<b>HAMMERTUBE SYSTEM</b>  IC 010 - Surgical implant, namely, podiatric implant, made of artificial materials and surgical instruments for use in the bones of the extremities.	87/715,733 12/11/2017	5,464,721 5/8/2018
3645.323MP Madrid Protocol	<b>HAMMERTUBE SYSTEM</b>  IC 010 - Surgical implant, namely, podiatric implant, made of artificial materials and surgical instruments for use in the bones of the extremities.	A0076518 06/07/2018	1419365 06/07/2018

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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645323ZA South Africa	<b>HAMMERTUBE SYSTEM</b>  IC 010 - Surgical implant, namely, podiatric implant, made of artificial materials and surgical instruments for use in the bones of the extremities.		
3645.324 U.S.	<b>PHANTOM</b>  IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments	877721,452 12/14/2017	5,464,727 5/8/2018
3645.324MP Madrid Protocol	<b>PHANTOM</b>  IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments	A0076656 6/13/2018	1424939 06/13/2018
3645.324ZA South Africa	<b>PHANTOM</b>  IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments		



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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.324A U.S.	 <p>IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments</p>	87/721,448 12/14/2017	5,464,726 5/8/2018
3645.324AMP Madrid Protocol	 <p>IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments</p>	A0076657 6/13/2018	1423304 06/13/2018
3645.324AZA South Africa	 <p>IC 010 - Podiatric implants, namely, intramedullary fixation devices made of artificial material for insertion within an intramedullary canal of a bone and associated surgical instruments; sterilization cases for storing surgical instruments</p>		


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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645.325 U.S.	<p>PRECISION <b>JONES</b></p> <p>IC 010 - Surgical implants, namely bone fasteners, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments</p>	87/722,082 12/15/2017	5,524,163 07/24/2018
3645.325MP Madrid Protocol	<p>PRECISION <b>JONES</b></p> <p>IC 010 - Surgical implants, namely bone fasteners, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments</p>	A0076691 6/14/2018	1420654 06/14/2018
3645.325ZA South Africa	<p>PRECISION <b>JONES</b></p> <p>IC 010 - Surgical implants, namely bone fasteners, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments</p>		


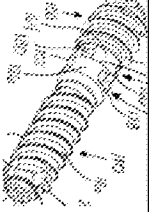
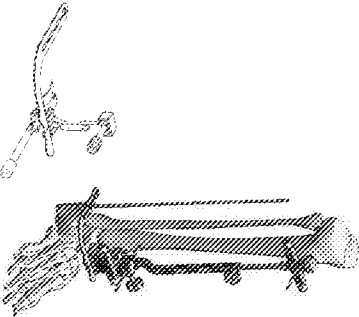
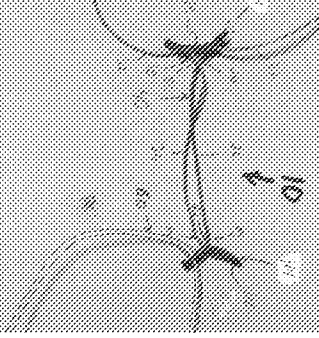
Paragon 28  
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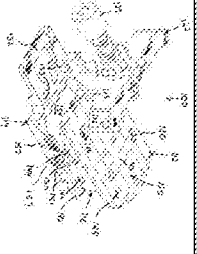
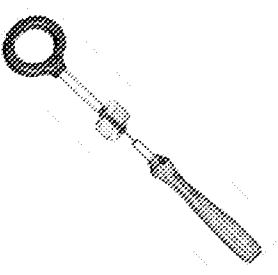
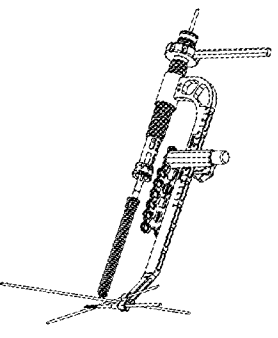
File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.326 U.S.	<b>HAMMERGRAFT SYSTEM</b> IC 005 - Human allograft bone; implants comprising live tissue IC 010 - Surgical instruments; sterilization cases for storage of surgical instruments	87/722,086 12/15/2017	5,464,729 5/8/2018
3645.326MP Madrid Protocol	<b>HAMMERGRAFT SYSTEM</b> IC 005 - Human allograft bone; implants comprising live tissue IC 010 - Surgical instruments; sterilization cases for storage of surgical instruments	A0076692 6/14/2018	1421309 06/14/2018
3645.326ZA South Africa	<b>HAMMERGRAFT SYSTEM</b> IC 005 - Human allograft bone; implants comprising live tissue IC 010 - Surgical instruments; sterilization cases for storage of surgical instruments		
3645.327 U.S.	<b>SILVERBACK</b> IC 010 - Surgical implants, namely bone plates, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments		


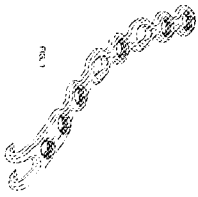

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File No. Country	Mark Goods/Services	Serial No. Filing Date	Registration No. Registration Date
3645.327A U.S.	 <p>IC 010 - Surgical implants, namely bone plates, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization cases for surgical instruments</p>		
3645.328 U.S.	<p><b>TENOTAC</b></p> <p>IC 010 -Medical devices, namely, implants made of artificial materials for reconnecting soft tissue to bone; medical devices, namely, a medical kit for reconnecting soft tissue to bone comprised of an implant made of artificial materials, a drill, a countersink, a depth gauge, and an insertion tool</p>	87/589,557 08/30/2017	

**Patents and Patent Applications from 2019 Intellectual Property Security Agreement**


File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date Publication No.	Patent No. Issued Date
3645.115A U.S.	Nipper	Tissue Removal Instrument		16/185,765 11/09/2018	
3645.134P-1 U.S.	Grenade	Implant and Methods of Use and Assembly		62/805,942 2/14/2019	
3645.138P U.S.	TAR Instrumentation	Total Ankle Replacement Instrument System		62/779,436 12/13/2018	
3645.140P U.S.	Plantar Plate Implant Prints	Plantar Plate Suture System and Insertion Tool		62/775,591 12/5/2018	

File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date Publication No.	Patent No. Issued Date
3645.144P U.S.	Lollipop Trial	Tibial Insert and Lollipop Trial Instrumentation		62/779,092 12/13/2018	
3645.147P U.S.	TenoTac	Soft Tissue Fixation Device		62/794,565 1/19/2019	
3645.148P U.S.	Compressive Precision Alignment Guide	Threaded Targeting Instruments, Systems and Methods of Use		62/805,777 2/14/2019	
3645.151P U.S.	Lateral TTC Plate	Optimizing Anterior Tibiotalar (TT) and Lateral Tibiotalocalcaneal (TTC) Plate Thickness For Avoidance of Stress Shielding and Implant Breakage		62/805,081 2/13/2019	

File No. Country	P28 Reference	Title	Drawing	App. No. Filing Date Publication No.	Patent No. Issued Date
3645.218B U.S.	Titan Wedge	Wedge Insert		29/676,075 01/08/2019	
3645.223A U.S.	Hook Plate Jones	Hook Plate		29/680,190 02/14/2019	
3645.240 U.S.		Bone Plate		29/679,839 02/11/2019	

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File No. Country	Mark Goods/Services	Serial No Filing Date	Registration No. Registration Date
3645.329U.S.	AVITRACIC 5 - Medical device, namely dowel shaped implants fabricated from bone	88/250,157 1/4/2019	
3645.330 U.S.	 <p>IC 010 - Surgical implants, namely bone screws, made from artificial materials for use in the foot and ankle and associated surgical instruments; sterilization case for surgical instruments</p>	8//276,429 1/25/2019	

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REEL: 007300 FRAME: 0450



**Patents and Patent Applications from 2020 Amendment**

	<b>Application No.</b>	<b>Patent No.</b>
1.	14110536	9452057
2.	14458722	10159499
3.	15260836	9848893
4.	14110571	9289252
5.	14776418	9907562
6.	14776149	10456182
7.	14655929	9949773
8.	14655943	9936995
9.	13964535	9848929
10.	15200559	9962209
11.	14547616	9980760
12.	15388827	10856918
13.	15186005	10470900
14.	29428134	D720456
15.	29428135	D740424
16.	29428136	D720457
17.	29428137	D691272
18.	29428138	D695402
19.	29507071	D765844
20.	29574577	D780922
21.	29507070	D766434
22.	29574579	D780923
23.	29520412	D766437
24.	29520413	D766438
25.	29574594	D780925
26.	29520414	D766439
27.	29574597	D780926
28.	29591158	D814037
29.	29591160	D813394

Application No.	Patent No.
30. 29591163	D812755
31. 29573012	D797937
32. 29591167	D814634
33. 29591168	D827820
34. 29591169	D812756
35. 29591170	D812757
36. 29609148	D822832

**Trademarks and Trademark Applications from 2020 Amendment**

1.	PARAGON 28	86237529	4810921
2.	EXCLUSIVELY FOOT & ANKLE PARAGON 28	86237544	4762945
3.	MONSTER	86216119	4617271
4.	GORILLA	86293783	4617755
5.	GORILLA	86372047	4742612
6.	HEVANS	86858891	5048385
7.	HEVANS	86787687	5048177
8.	MINI-MONSTER	86787693	4968745
9.	BOW & ARROW	86787679	4972672
10.	TUFFNEK	86787646	4968742
11.	PARADERM	86787662	4968743
12.	PRECISION	86787673	5267837
13.	V 92	86935418	5063632
14.	PRO 3	86935428	5409929
15.	PARAGON 28 EXCLUSIVELY FOOT & ANKLE	87104044	5274282
16.	PARAGON 28 EXCLUSIVELY FOOT & ANKLE	87104035	5155306
17.	BEAST 100	87170714	5151313
18.	TITAN 3-D	87186346	None

**Patents and Patent Applications from 2020 Intellectual Property Security Agreement**

	<b>Title</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>
1	Charco-Resis Implant, Alignment Instrument, System And Method Of Use	61/599,604 02/16/2012	
2	Intramedullary Fixation Devices And Methods	61/793,212 3/15/2013	
3	Alignment Guide Apparatus, Method And System	16/450,505 06/24/2019	
4	Ligament Fixation System, Implants, Devices, and Methods of Use	16/134,236 09/18/2018	
5	Implants, Devices, Systems, Kits and Methods of Implanting	15/920,887 3/14/2018	
6	Osteotomy Systems, Devices and Methods	16/841,317 4/6/2020	
7	Bone Fixation System, Assembly, Implants, Devices, Insertion Guides, and Methods of Use	16/035,333 07/13/2018	
8	Alignment Guides, Cut Guides, Systems and Methods of Use and Assembly	16/516,857 07/19/2019	
9	Ligament Fixation System, Implants, and Devices with Compression Cap, and Methods of Use	16/512,807 07/16/2019	
10	Ligament Fixation System, Implants, Devices, and Methods of Use	16/517,295 07/19/2019	
11	Implant and Methods of Use and Assembly	16/519,270 7/23/2019	
12	Implant and Methods of Use and Assembly	16/562,414 9/5/2019	

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13 Bone Fixation Assembly, Implants and Methods of Use	15/836,416 12/08/2017	
14 Dynamic Bone Plate and Method of Use	62/883,501 8/6/2019	
15 Soft Tissue Implant Systems, Instruments and Related Methods	62/883,429 8/6/2019	
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18 Tendon Retention Device	16/430,647 06/04/2019	
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20 Alignment Guides, Bone Plates, Systems and Methods of Use	62/888,431 8/16/2019	
21 Patient Specific Instrumentation and Methods of Use	62/890,611 8/22/2019	
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23 Implant Guides, Devices, Systems, and Methods of Use	62/899,520 9/12/2019	
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25 Joint Replacement Alignment Guides, System And Methods Of Use And Assembly	62/899,703 9/12/2019	
26 Alignment Instruments And Methods For Use In Total Ankle Replacement	62/899,655 9/12/2019	
27 Joint Replacement Alignment Guides, Systems And Methods Of Use And Assembly	62/899,740 9/12/2019	
28 Resection Guides, Sweeping Reamers, And Methods For Use In Total Ankle Replacement	62/898,615 9/11/2019	
29 Distractors Having Attachable Paddles, Impaction Devices, And Methods For Use In Total Ankle Replacement	62/898,854 9/11/2019	
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38 Bone Wedge Insert	29/687,225 04/11/2019	D884,180 05/12/2020
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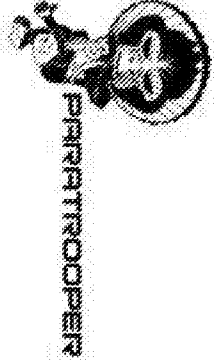
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49	Cut Guide	29/655,887 7/9/2018	D865,173 10/29/2019
50	Cut Guide	29/710,821 10/25/2019	
51	Bone Plate	29/664,522 9/26/2018	D874,004 01/28/2020
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55	Bone Plate	29/696,604 6/28/2019	

**Trademarks and Trademark Applications from 2020 Intellectual Property Security Agreement**

	<b>Mark</b>	<b>Serial No Filing Date</b>	<b>Registration No. Registration Date</b>
1	<b>SILVERBACK</b>	88/283,057 1/30/2019	



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3		88/608,883 09/09/2019	
4		88/483,655 06/21/2019	
5		88/554,527 07/31/2019	5,955,665 1/7/2020
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7	PARATROOPER	88/608,886 09/09/2019	
8		88/608,888 09/09/2019	
9	APEX 3D	88/692,159 11/14/2019	
10	PHANTOM ACTIVCORE	88/695,797 11/18/2019	
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