

## Zimmer Biomet Patent Marking

This information is provided as notice of patented articles pursuant to 35 U.S.C. § 287(a).

The products and services listed below may not be all inclusive, and other Zimmer Biomet products and services not listed below may be covered by one or more patents. The below products and services may be covered by additional patents not listed below. Note that U.S. patents may have foreign counterparts.

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
23 Degree Pressurizing Nozzle	10,070,907
ActiveCare® DVT Prevention	8,597,194; 9,788,738; 10,226,211
AccuPort® Delivery Cannula	9,339,294; 9,949,755
AccuZone Navigation Guide	8,617,166; 8,864,768; 9,023,051; 9,033,987; 9,386,996; 9,504,526; 9,717,544
Allofit® IT Acetabular System	7,169,186
Alpine XC™ Adjustable MIS Fusion System	8,709,047; 9,005,248; 9,066,760; 9,561,060; 9,724,136; 9,968,382; 10,045,800
Alta™ ACDF System	9,339,321; 9,649,199
Anatomical Shoulder™ Inverse/Reverse System	8,690,951
Anatomical Shoulder™ System	8,608,805
Ant-Cer® II Dynamic Anterior Cervical Plate System	8,128,628; 8,814,869; 9,101,422
Arcos® Modular Hip System	8,221,432; 8,876,837; 8,591,518; 9,078,770; 8,419,743
Aspen® MIS Fusion System	9,743,960; 8,241,330; 8,382,801; 8,709,047; 9,173,686; 9,247,968; 9,265,532; 9,381,047; 9,775,718; 9,861,400; 9,968,382; 10,390,864; 10,687,954
A.T.S.® Tourniquet Systems	9,113,895; 9,138,236; 7,771,453; 9,113,895; 9,039,730; 7,479,154
A.T.S.® Cuffs	7,758,607; 8,480,842; 8,137,378; 7,780,698; 8,142,472; 8,425,551; 9,011,483
Avenue® L Lateral Lumbar Cage	9,044,337; 9,713,535; 9,763,803; 9,833,331; 10,195,046; 10,531,961; 8,617,245; 8,932,359; 9,463,091; 9,737,412
Avenue® T TLIF Cage	9,039,774; 9,877,842; 9,925,059; 10,245,156; 10,245,157; 10,350,083; 8,617,245; 8,932,359; 9,463,091; 9,737,412
BioWick® Interpositional Scaffold Implants	9,901,334; 10,499,901
Cable-Ready® Cable Grip System	8,343,155
CAS Distal & Posterior Condyles Digitizer (ROSA® Knee, ORTHOSoft® Guidance System)	8,965,483
CarriGen® Porous Bone Substitute Material	8,147,860; 8,545,858
CementON® Tibial Mold	9,944,000
Comprehensive® Nano Stemless Shoulder System	8,506,638; 8,876,908

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
Comprehensive® Shoulder System	9,510,952; 9,668,873; 9,833,326; 9,844,440; 9,872,775; 9,955,984; 10,245,164; 10,258,478; 8,721,728; 8,062,376; 8,052,758; 7,753,959; 8,425,614
Continuum™ Acetabular System	7,169,186
Cortical Screw	7,316,687
CPT® Hip System	6,994,731
Cypher™ MIS Screw System	8,449,578; 7,563,264; 7,491,218; 8,034,084; 8,075,592; 8,211,110; 8,496,685; 8,956,362; 9,452,026; 9,539,012; 9,763,701; 10,052,137; 10,729,471
DCM-J Natural-Hip System	7,060,102
DeNovo® NT Natural Tissue Graft	8,784,863; 7,824,711; 8,524,268; 8,765,165
Durango® ALIF System	8,540,724; 9,364,342; 9,370,435; 9,913,729; 10,085,847
DVR® Plating System	7,780,711; 7,905,909; 9,526,543; 9,913,671; 10,463,409; 8,496,690; 7,857,838; 8,579,946; 7,695,502; 8,556,945; 9,072,558; 8,790,378
Dynesys® Dynamic Stabilization System	10,603,079; 8,613,757; 8,518,080; 7,922,725; 9,888,944; 10,376,293
eLIBRA Dynamic Knee Balancing System® (DKBS)	7,837,691; 9,572,588; 9,730,810; 8,758,355
EquivaBone® Hard Setting Osteoinductive Bone Graft Substitute	8,221,781; 8,454,988
Explant® Acetabular Liner & Cup Removal System	8,834,480
Explor® Radial Head	8,425,615; 8,366,781; 8,114,163; 8,920,509; 8,535,382
FastFrame® External Fixation System	9,301,782; 9,924,969; 9,962,187; 10,543,019
F.A.S.T Guide® Technology	9,370,376; 8,545,540; 8,241,338; 8,834,537; 8,172,886; 9,220,515; 7,771,433; 7,935,126; 8,858,562
FuZion® Instrument System	10,166,034; 9,901,331
Gender Knee System	9,314,255; 9,566,160
G7 Acetabular System	9,241,811; 9,468,529
GPS® II (BioCUE®/Marrowstim®) Platelet Concentration System	7,179,391; 7,374,678; 7,780,860; 7,914,689; 7,954,646; 7,832,566; 10,183,042; 8,567,609; 7,845,499; 8,062,534; 9,114,334
GPS® III Platelet Concentration System	7,992,725; 7,806,276; 8,596,470; 8,328,024; 9,649,579; 9,138,664; 8,518,272
iASSIST® Knee System	8,551,108; 8,718,820; 9,433,473; 9,463,030; 9,901,405; 8,718,820; 8,814,877; 9,115,998; 8,265,790; 9,144,470; 8,241,296; 10,251,653; 10,149,725; 10,080,509
InFix® Anterior Lumbar System	7,637,952; 8,303,662
IntelliCart® System	8,827,969; 8,449,510; 9,089,629; D678502; D678503; D678504; 7,879,228; RE44,920; 8,292,857; 10,188,775
IntelliCart® Duo Fluid Carts	9,375,520; 7,879,228; RE44,920; 8,292,857
InterBRIDGE® Interspinous Fixation System	8,696,709; 9,326,797; 9,402,658; 9,913,667; 10,478,234; 10,517,652
inViZia® Anterior Cervical Plate System	8,778,001
IQ® Intelligent Screw and Drill System	9,072,563; 8,377,074; 8,529,567; 9,585,677; 9,962,169; 10,792,050

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
L2L® Radial Head	9,901,452; 10,357,372
Linear Bone Clamp	6,589,241
Lineum® OCT Spinal System	8,449,578; 8,920,475; 9,763,701; 9,801,641; 10,729,471
MaxAn® Anterior Cervical Plate System	7,175,623; 7,942,913; 8,828,064; 10,010,357
M/L Taper with Kinectiv Hip System	8,428,693; 9,987,147; 9,980,828
Mobidisc® ML Lumbar Artificial Disc	7,494,508; 7,695,516; 7,842,088; 8,002,835; 8,257,439; 8,974,532; 8,979,932; 9,044,339; 9,445,915; 9,566,164; 9,597,194; 9,867,716; 9,889,017; 10,226,355; 10,492,919
Mobi-C® Cervical Disc	7,494,508; 7,682,396; 8,267,999; 8,685,100; 8,753,397; 8,771,284; 8,858,635; 9,144,505; 9,265,618; 9,265,619; 9,480,572; 9,655,739; 9,788,964; 10,188,528; 10,398,574
Navitracker® Reference Marker	8,386,022
NCB® Polyaxial Locking Plate System	8,808,333; 8,834,532; 9,668,794
Nexel® Total Elbow	9,474,616; 10,195,040; 8,936,647
NexGen® Knee System	D642,678; D651,316; D649,635; D651,310; D646,782; D651,317; D646,390; D649,640; D651,315; D649,639; D651,318; D649,634; D646,389; D667,552; D651,313; D651,314; D649,638; D660,961; D649,633; D638,541; 8,771,280; 8,758,354; 8,747,410; 7,850,698; 6,770,099; 7,182,786; 8,075,628; 7,172,596; 7,094,241; 7,335,206; 9,592,127; 10,433,966
NexGen® Rotating Hinge Knee	6,827,739
NexGen® Legacy-Knee Constrained Condylar (LCK) System	D638,541; D651,315
Nex-Link OCT® Occipital Cervical Plating System	6,837,889; 8,246,662; 8,636,737; 9,439,687
N-Force Fixation System®	8,574,273; 9,936,992
OmniMax MMF System	10,531,900
Optio-C® Anterior Cervical System	8,814,912; 9,414,937; 9,649,199; 9,937,056
Orthosize® Templating	8,908,937
ORTHOSoft® Guidance System (Sesamoid® Surgical Navigation)	8,147,496; 8,277,455; 7,857,821; 7,715,602; 10,219,865
OSS™ Orthopedic Salvage System	8,936,648
OsseoTi® Porous Technology	8,292,967; 8,266,780
Oxford® Knee System	8,221,429; 9,028,503; 9,226,755; 9,364,345; 9,750,511; 9,770,249
Pathfinder NXT® Minimally Invasive Pedicle Screw System	7,563,264; 7,491,218; 7,811,288; 8,034,084; 8,075,592; 8,192,440; 8,211,110; 8,496,685; 8,636,743; 8,679,128; 8,956,362; 9,066,762; 9,066,763; 9,084,648; 9,370,383; 9,539,012; 9,579,140; 9,707,019; 9,814,498; 9,833,267; 10,052,137; 10,154,862; 10,245,082; 10,426,538

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
Peanut® Growth Control Plating System	10,130,401
Persona® Knee System	D642,678; D651,316; D649,635; D646,782; D651,317; D651,318; D649,634; D646,389; D667,552; 8,568,486; 8,747,410; 8,603,101; 8,551,179; 8,690,954; 9,220,611; 8,628,580; 8,556,900; 8,906,025; 8,932,365; 9,204,897; 9,265,510; 9,295,558; 9,173,744; 9,320,529; 9,345,525; 9,011,459; 9,308,096; 9,314,343; 9,381,090; 9,427,337; 9,592,133; 9,629,723; 9,655,728; 9,655,729; 9,707,089; 9,763,807; 9,763,795; 9,763,796; 9,788,954; 9,901,462; 9,993,345; 10,034,672; 10,045,850; 10,195,041; 10,188,530; 10,265,181; 10,278,827; 10,543,099; 10,441,429; 10,130,375; 10,070,868; 10,052,145
Persona® Partial Knee System	10,448,960; 10,517,614; 10,842,647
Polaris™ Deformity System	7,563,264; 7,491,218; 8,034,084; 8,075,592; 8,496,685; 8,956,362; 9,668,789; 10,052,137; 10,433,884; 10,492,837
Polaris™ Spinal System	8,034,084; 8,075,592; 8,123,751; 8,496,685; 8,956,362; 8,979,862; 9,668,789; 9,763,701; 10,052,137; 10,085,732; 10,130,394; 10,433,884; 10,492,837; 10,610,268; 10,729,471
Pulsavac® Wound Debridement System	6,830,556
RapidFire® Screw Delivery System	10,286,532
RibFix Advantage™ Intrathoracic Rib Fixation System	8,728,133; 9,603,642; 10,537,372; 10,231,767
ROI-A® Anterior Lumbar Cage	10,751,187; 8,617,245; 8,932,359; 9,463,091; 8,343,219; 9,713,535; 9,795,485
ROI-C® Cervical Cage	10,751,187; 8,343,219; 9,795,485; 8,617,245; 8,932,359; 9,463,091
ROSA® Knee System	9,937,046; 6,711,431; 9,585,725; 9,629,687; 9,877,793; 7,715,602; 10,159,534; 10,640,136
ROSA ONE® Brain System	10,039,476; 10,159,534; 10,640,136
ROSA ONE® Spine System	10,159,534; 10,640,136
Sidus® Stem-Free Shoulder	8,845,742; 8,992,623
Signature™ Acetabular Guide System	10,507,029
Signature™ Glenoid System	9,351,743; 9,936,962
Signature™ Knee Guide (Oxford® Partial Knee)	8,956,364
Signature™ Knee Guide (Vanguard Complete Knee System)	9,084,618
Signature™ ONE Guides	9,615,840; 9,877,735; 9,936,962
Silverton® Spinal Fixation System	8,961,568; 10,307,184
Single Use Manifold	9,662,426

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
Solitaire® Anterior Spinal System	10,085,847
SureLock® All-Suture Anchors	9,622,740
STABLECUT® Blade	8,206,392; D654,590; D642,264; D622,848; D622,383; D654,167; D622,384; D627,884; D622,385; D622,386; D622,849; D622,850; 7,901,424; 8,636,739
StageOne™ Knee Cement Spacer Molds	10,449,703
SternaLock® System	8,460,345; 9,358,054; 9,788,878; 9,801,672; 9,820,755; 10,010,359
Telluride MIS Spinal Fixation System	8,403,940
The Tether™ Vertebral Body Tethering System	10,603,079; RE47,646; 10,376,293; 10,653,453
Timberline® Lateral Fusion System	9,572,560; 9,826,966; 9,943,301; 10,070,852; 10,076,320; 10,299,777
Timberline® MPF Lateral Modular Plate Fixation System	8,690,928; 9,119,682; 9,572,560; 9,826,966; 9,943,301; 10,045,797; 10,070,852; 10,076,320; 10,299,777
TM Ardis® Interbody System	9,034,043; 10,531,816; D677,791
TM-S Fusion Device Trabecular Metal™ Technology	8,568,484
Trabecular Metal™ Acetabular Augments	10,653,526; 10,092,404; 8,728,168; 10,201,426; 10,098,743; 9,539,096
Trabecular Metal™ Acetabular Revision System	7,169,186; 8,172,851; 8,394,106
Trabecular Metal™ Femoral Augments	9,713,532; 10,085,841; 7,892,288; 9,044,326
Trabecular Metal™ Humeral Fracture Instruments	7,699,853
Trabecular Metal™ Primary Hip Prosthesis	7,842,096; 8,206,455; 8,858,646; 9,283,017; 9,636,227; 10,426,623
Trabecular Metal™ Reverse Shoulder System	10,383,735; 7,854,768
Trabecular Metal Reverse Plus™ Shoulder System	8,940,054
Trabecular Metal™ Technology	7,842,096; 8,206,455; 8,858,646; 10,426,623
Trabecular Metal™ Tibial Augments	9,517,138; 10,646,346; 8,506,645; 8,535,385; 9,265,614; 9,907,664
Trabecular Metal™ Total Ankle	9,320,609; 10,213,315; 7,963,996; 8,636,744; 7,625,409
Trabecular Metal™ Vertebral Body Replacement	D585,552
TrellOss™-TC Porous Ti Interbody System	8,568,484; 9,622,879; 10,064,742
Trilogy® IT Acetabular System	7,169,186
Trinica® Anterior Cervical Plate System	8,778,001
Trivium™ Derotation System	7,563,264; 7,491,218
TunnelLoc® Interference Screw System	8,771,352
UniLink® Interspinous Fusion System	8,709,047; 9,968,382
Universal Clamp® Spinal Fixation System	7,959,654; 8,162,946; 8,172,843; 8,323,318; 8,430,918; 8,747,405; 8,814,910; 8,870,870; 8,936,625; 9,101,406; 9,113,966; 9,204,902; 9,204,903; 9,427,263; 9,717,536; 9,848,921; 9,949,778; 10,426,537; 10,512,486
UniWallis™ Posterior Dynamic Stabilization System	8,465,495
Vail™ Occipito-Cervico-Thoracic Spinal Fixation System	8,506,567; 8,961,568; 10,307,184

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
Vanguard® Knee System	8,123,758; 8,157,869; 8,894,715; 9,826,982; 10,238,399; 10,736,747
VasoPress® Pumps	9,713,563; 9,839,573; 9,931,269
VerSys® Hip System	6,514,288
Viewline® Retractor System	8,876,687
Virage® OCT Spinal Fixation System	8,506,567; 7,604,656; 7,144,396; 7,066,937; 7,901,436; 8,685,064; 8,709,050; 8,882,808; 8,936,624; 9,220,541; 9,289,244; 9,532,810; 9,737,341; 9,750,512; 9,848,913; 10,182,846; 10,219,835
Vitality® Spinal Fixation System	7,563,264; 7,491,218; 8,034,084; 8,075,592; 8,123,751; 8,496,685; 8,956,362; 9,549,765; 10,052,137; 10,085,732; 10,130,394; 10,130,396
Vivacit-E Highly Crosslinked Polyethylene	7,863,348; 8,530,057; 8,129,440; 8,664,290; 8,669,299; 9,822,224; 9,277,949; 9,265,545; 8,673,202; 8,470,903; 9,926,432; 8,178,594; 7,846,376
VueLock® Anterior Cervical Plate System	7,942,913; 8,828,064; 10,010,357
WalterLorenz® Surgical Assist Arm	D,878,585
X-Atlas® 2D to 3D Technology	9,937,046
X-PSI™ Knee System	9,826,981; 9,937,046; 10,426,491; 9,924,950
X Series™ Power System	10,177,700
XtraFix® External Fixation System	8,734,446; 9,277,937; 9,532,805; 9,675,383; 9,750,535; 9,883,890; 9,888,943; 10,485,586; 7,938,829; 7,708,736
Zimmer® Air Dermatome	8,608,755; 8,926,632; 9,901,369
Zimmer® APS Natural Hip Prosthesis	7,060,102
Zimmer® Dermatome AN	8,512,354; 8,636,749; 9,161,776; 9,603,620; 8,002,779
Zimmer® Epsilon™ Durasul® Constrained Insert	7,115,145
Zimmer FuZion® Instruments	7,156,853
Zimmer® Gender Solutions™ Patello-Femoral Joint (PFJ) System	8,128,704; 8,372,080; 8,562,608
Zimmer® Minimally Invasive Solutions™ (MIS) Hip Instrumentation	7,503,894
Zimmer® MotionLoc™ Screw	8,398,690; 9,510,879; 8,740,955; 8,197,523; 8,317,846
Zimmer® Periarticular Locking Plate System	7,695,472; 8,740,905
Zimmer® PSI Knee System	10,327,786
Zimmer® PSI Shoulder	9,615,840; 9,877,735; 10,543,100
Zimmer® Segmental Knee System	9,005,305; 8,177,849; 8,435,244; 9,615,941
Zimmer® Skin Graft Mesher	9,055,970; 9,993,262
Zimmer® Universal Locking System	7,695,472
Zimmer® Universal Power System	10,085,757
ZipTight™ Ankle Fixation System	10,349,931

<b>Product Name</b>	<b>U.S. Patent No(s).</b>
ZMR® Hip System	6,905,515
Zyston® Curve Interbody Spacer System	9,345,586; 9,622,879; 10,064,742
Zyston® Straight Spacer System	9,034,043