

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.

| Product Name | U.S. Patent No(s). |
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| 23 Degree Pressurizing Nozzle | 10,070,907 |
| ActivBraid™ | 11,020,509; 11,338,057 |
| ActiveCare® DVT Prevention | 8,597,194; 9,788,738; 10,226,211 |
| AccuPort® Delivery Cannula | 9,339,294; 9,949,755; 10,925,642 |
| AccuZone Navigation Guide | 8,617,166; 8,864,768; 9,023,051; 9,033,987; 9,386,996; 9,504,526; 9,717,544 |
| 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; 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 | D979759; 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, 11,219,464 |
| 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 |
| Axi+Line® Proximal Bunion Correction System | 10,786,291 |
| BioWick® Interpositional Scaffold Implants | 9,901,334; 10,499,901; 11,534,155; 11,553,907 |
| 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 |

| Product Name | U.S. Patent No(s). |
|---|---|
| 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 |
| Cypher™ MIS Screw System | 8,449,578; 7,491,218; 8,034,084; 8,075,592; 8,211,110; 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; 8,518,080; 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; 8,114,163 |
| FastFrame® External Fixation System | 9,301,782; 9,962,187; 9,924,969; 10,543,019; 10,905,469 |
| 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; 11,058,554; 11,452,620 |
| 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 | 8,241,296; 8,265,790; 8,551,108; 8,718,820; 8,814,877; 9,115,998; 9,144,470; 9,433,473; 9,463,030; 9,801,685; 9,901,405; 10,251,653; 10,149,725; 10,080,509 |
| InCore® Lapidus System | 9,603,640; 10,987,146; 11,000,327 |
| InFix® Anterior Lumbar System | 8,303,662 |
| IntelliCart® System | D678502; D678503; D678504; 7,879,228; 8,827,969; 8,292,857; 8,449,510; 9,089,629; RE44,920; 9,375,520; 10,188,775; 10,940,242; 10,758,649 |
| 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 |
| L2L® Radial Head | 9,901,452; 10,357,372; 10,952,861 |

| Product Name | U.S. Patent No(s). |
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| Lineum® OCT Spinal System | 8,449,578; 8,920,475; 9,763,701; 10,729,471 |
| MaxAn® Anterior Cervical Plate System | 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; 10,188,528; 10,398,574 |
| NavitrackER® Reference Marker | 8,386,022 |
| NCB® Periprosthetic Femur Plating System | 8,808,333; 8,834,532; 9,668,794; 11,123,118 |
| 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; 7,172,596; 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 | 8,246,662; 8,636,737; 9,439,687 |
| Nextra® Hammertoe Correction System | 11,660,133 |
| N-Force Fixation System® | 8,574,273; 9,936,992; 10,751,102 |
| OmniMax MMF System | 10,531,900 |
| Optio-C® Anterior Cervical System | 8,814,912; 9,414,937; 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 |
| Peanut® Growth Control Plating System | 10,130,401 |
| Pectus Blu® | 10,820,931 |
| Persona® Knee System – Femoral Components | 8,932,365; 9,173,744; 9,629,723; 10,045,850; 10,441,429; 11,324,599 |

| Product Name | U.S. Patent No(s). |
|---|---|
| Persona® Knee System – Tibial Components | 8,568,486; 8,690,954; 8,628,580; 9,295,558; 9,308,096; 9,314,343; 9,381,090; 9,655,728; 9,655,729; 9,707,089; 9,763,795; 9,763,796; 10,195,041; 10,265,181; 10,278,827; 10,543,099; 11,224,519; 11,547,571 |
| Persona® Knee System – Other | D642,678; D651,316; D649,635; D646,782; D651,317; D651,318; D649,634; D646,389; D667,552; 8,747,410; 8,603,101; 8,551,179; 9,220,611; 8,556,900; 8,906,025; 9,204,897; 9,265,510; 9,320,529; 9,345,525; 9,011,459; 9,427,337; 9,592,133; 9,763,807; 9,788,954; 9,901,462; 9,993,345; 10,034,672; 10,188,530; 10,130,375; 10,070,868; 10,052,145; 10,888,436; 10,905,445; 10,952,755; 11,351,041; 11,331,134; 11,484,326 |
| Persona® Partial Knee System | 10,448,960; 10,517,614; 10,842,647; 11,020,131; 11,406,400 |
| PiroVue® Gastrocnemius Recession System | 10,874,414 |
| 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 |
| Quattro® Link Knotless Anchors | 11,058,410 |
| RapidFire® Screw Delivery System | 10,286,532 |
| Re+Line® Bunion Correction System | 11,234,743; 11,529,150 |
| 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; 7,715,602; 10,159,534; 10,640,136 |
| ROSA ONE® Brain System | 10,039,476; 10,159,534; 10,640,136; 10,881,483; 11,660,081 |
| 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; 11,602,360 |
| 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; 10,842,510; 11,419,618; 11,432,934; 11,602,360 |
| Silverton® Spinal Fixation System | 8,961,568; 10,307,184 |
| Single Use Manifold | 9,662,426 |
| Solitaire® Anterior Spinal System | 10,085,847 |

| Product Name | U.S. Patent No(s). |
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| 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; D941,648; 7,901,424; 8,636,739 |
| StageOne™ Knee Cement Spacer Molds | 10,449,703 |
| SternaLock® Blu Primary Closure System | 8,460,345 |
| SternaLock® 360 Sternal Closure System | 9,358,054; 9,801,672; 9,820,755; 10,010,359 |
| SternaLock® EZ Sternal Closure System | 10,226,290; 11,234,744; 11,439,447; 11,707,308 |
| SternaLock® XP Rigid Fixation System | 10,463,410; 10,485,600; 10,660,687 |
| Stratum® Foot Plating System | 10,792,081; 10,869,702; 11,202,664; 11,723,701 |
| Tapestry® Biomaterial | 10,617,787; 11,116,870; 11,213,610 |
| Tapestry® RC Arthroscopic Delivery & Fixation System | 11,259,939; 11,413,032; 11,559,330 |
| Telluride MIS Spinal Fixation System | 8,403,940 |
| The Tether™ Vertebral Body Tethering System | 10,603,079; 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 |
| Total Shield® II Surgical Helmet System | 10,687,568; 11,284,655 |
| Trabecular Metal™ Acetabular Augments | 10,098,743; 10,201,426; 10,806,587 |
| Trabecular Metal™ Acetabular Revision System | 8,172,851; 8,394,106 |
| Trabecular Metal™ Femoral Augments | 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; 8,535,385 |
| Trabecular Metal™ Total Ankle | 9,320,609; 10,213,315; 7,963,996; 8,636,744; 7,625,409 |
| TrellOss™-TC Porous Ti Interbody System | 8,568,484; 9,622,879; 10,064,742; 10,893,954 |
| Trinica® Anterior Cervical Plate System | 8,778,001 |
| Tritium® SCP System | 9,333,021; 9,561,064; 10,426,532; 10,765,465 |
| Trivium™ Derotation System | 7,563,264; 7,491,218 |
| Tunneloc® Interference Screw System | 8,771,352 |

| Product Name | U.S. Patent No(s). |
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| Universal Clamp® Spinal Fixation System | 8,162,946; 8,172,843; 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; 9,949,778; 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 |
| Vanguard® Knee System | 8,123,758; 8,157,869; 8,894,715; 9,826,982; 10,238,399; 10,736,747; 11,660,212 |
| VasoPress® Pumps | 9,713,563; 9,839,573; 9,931,269 |
| Ventix® Link Screw-in Knotless Anchors | 11,058,410 |
| Viewline® Retractor System | 8,876,687 |
| Virage® OCT Spinal Fixation System | 8,506,567; 7,901,436; 8,685,064; 8,882,808; 9,220,541; 9,289,244; 9,532,810; 9,737,341; 9,750,512; 10,182,846 |
| Vitality® Spinal Fixation System | 7,563,264; 7,491,218; 8,034,084; 8,075,592; 8,123,751; 8,496,685; 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 | D878,585; D910,848; 11,179,222 |
| X-Atlas® 2D to 3D Technology | 9,937,046; 11,583,341 |
| X-PSI™ Knee System | 9,826,981; 9,937,046; 10,426,491; 9,924,950; 10,716,579; 10,881,416; 11,490,902; 11,583,341 |
| X Series™ Power System | D955834; 10,177,700; 10,693,412; 11,678,893 |
| 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 | 8,197,523; 8,317,846; 8,398,690; 8,740,955; 9,510,879; 10,918,430 |
| Zimmer® Periarticular Locking Plate System | 7,695,472; 8,740,905 |
| Zimmer® PSI Knee System | 10,327,786 |

| Product Name | U.S. Patent No(s). |
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| Zimmer® PSI Shoulder | 9,615,840; 9,877,735; 10,543,100; 11,432,934 |
| 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 |
| ZipTight™ Fixation System for AC Joint | 10,729,430 |
| ZMR® Hip System | 6,905,515 |
| Zyston® Curve Interbody Spacer System | 9,345,586; 9,622,879; 10,064,742; 10,893,954 |
| Zyston® Straight Spacer System | 9,034,043 |