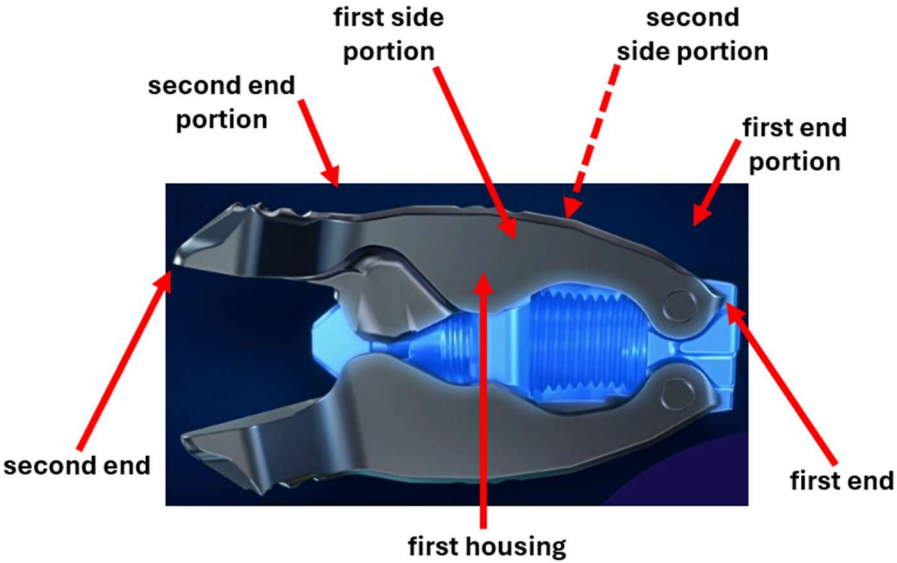


Exhibit C2

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
Row	Claim 14	
14A	An expandable interbody device comprising: a first housing extending from a first end to a second end, wherein the first housing has first and second end portions positioned at the first and second ends, respectively, and has first and second side portions extending between the first and second end portions,	To the extent the preamble is limiting, the '284B Accused Instrumentalities include an expandable interbody device. The '284B Accused Instrumentalities include a first housing extending from a first end to a second end, wherein the first housing has first and second end portions positioned at the first and second ends, respectively, and has first and second side portions extending between the first and second end portions. For example, Medtronic promotional literature describes the device as the “Catalyft™ PL Expandable Interbody System.” 

¹ These allegations are exemplary and Moskowitz Family LLC reserves the right to supplement them as the case progresses.

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Infringement Claim Chart

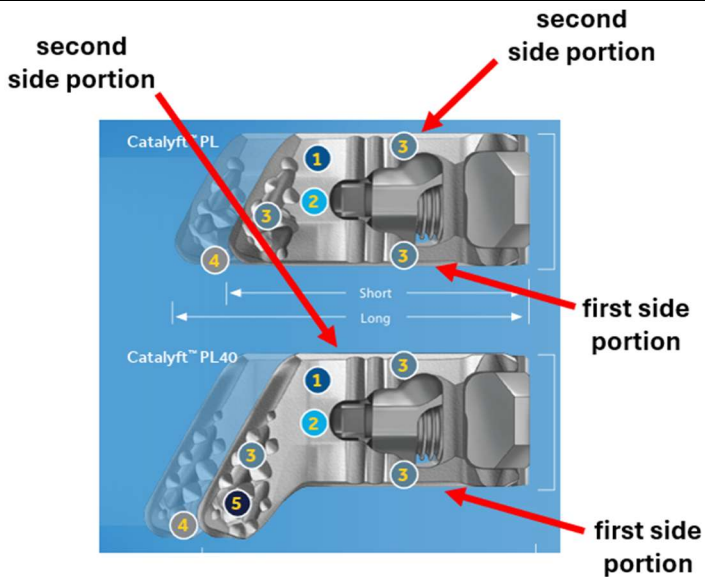
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 The diagram illustrates two views of the Catalyft™ PL and Catalyft™ PL40 interbody systems. Red arrows point to the 'second side portion' and 'first side portion' of the devices. The 'first side portion' is labeled with a '1' and the 'second side portion' with a '3'. A 'Short' and 'Long' dimension is indicated. The Catalyft™ PL40 view includes a '5' label for an additional feature. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18 https://www.youtube.com/watch?v=j7Kcp0VJAbI
14B	wherein the first housing has a first vertebral body engagement surface that is substantially convex and has a first interior convex and has a first interior The first housing has a first vertebral body engagement surface that is substantially convex and has a first interior surface positioned on an opposite side of the first housing than the first vertebral body engagement surface.

EXHIBIT C2 - U.S. PATENT 10,016,284
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U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
surface positioned on an opposite side of the first housing than the first vertebral body engagement surface,	For example, Medtronic promotional literature describing the Catalyft™ PL Expandable Interbody System states that the system features “Grit-blasted, titanium surface for anti-migration and osteoconduction” and “Topographical features including teeth, machined scallops, and roughened titanium work together to resist migration of cage during expansion.” The diagram illustrates a vertebral body engagement surface. A central 3D model shows a cross-section of a vertebral body with a blue, textured interior surface. Red arrows point to specific features: one points to the 'first vertebral body engagement surface' (the top outer edge), another points to a 'substantially convex' area (the top inner curve), and a dashed red arrow points to the 'first interior surface' (the bottom inner curve). To the right of the central model are two additional 3D views of the engagement surface, showing its complex, multi-faceted geometry.

EXHIBIT C2 - U.S. PATENT 10,016,284
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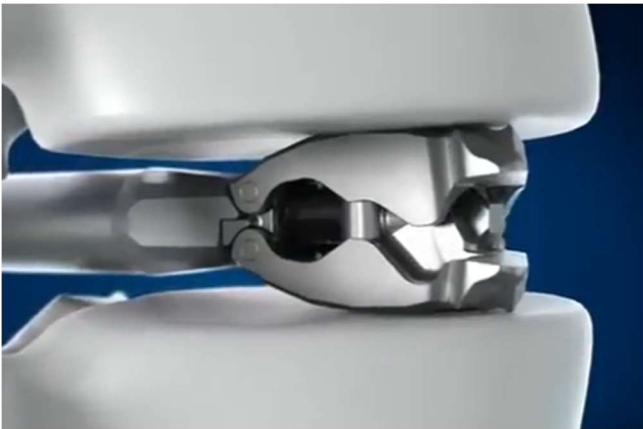
U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
		 <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18
14C	wherein the first housing defines at least one first bone material receiving area between the first and second end portions and the first and second side portions;	The first housing defines at least one first bone material receiving area between the first and second end portions and the first and second side portions. For example, a promotional video on a Medtronic website states that the Catalyft PL System features “Seamless, integrated bone graft delivery with Grafton™ DBF Inject.” Medtronic promotional material states “Grafton™ DBF Inject boosts seamless fusion by flowing through the inserter and expanded implant to completely fill the disc space.” The promotional material also states “Implants are used to facilitate fusion in the lumbar spine using autogenous bone

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Infringement Claim Chart

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	graft and/or allograft bone graft comprised of cancellous and/or corticocancellous bone, and/or demineralized allograft bone with bone marrow aspirate.” <i>See also</i> Row 14A. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18
14D	a second housing extending from a third end to a fourth end, The '284B Accused Instrumentalities include a second housing extending from a third end to a fourth end, wherein the second housing has third and fourth end portions positioned at the third

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wherein the second housing has third and fourth end portions positioned at the third and fourth ends, respectively, and has third and fourth side portions extending between the third and fourth end portions,	and fourth ends, respectively, and has third and fourth side portions extending between the third and fourth end portions. The diagram shows a 3D perspective view of a medical device. It features a central blue component, possibly a catheter or probe, which is surrounded by a grey outer housing. The housing has a complex, curved shape with several protrusions and recesses. Red arrows point to specific parts of the device: 'fourth side portion' (top left), 'second housing' (top center), 'third side portion' (top right), 'fourth end' (bottom left), 'third end' (bottom right), 'fourth end portion' (bottom center-left), and 'third end portion' (bottom center-right). The device is shown in a perspective view, highlighting its three-dimensional structure.

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U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	<u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18 https://www.youtube.com/watch?v=j7Kcp0VJAbI
14E	wherein the second housing has a second vertebral body engagement surface that is substantially convex and has a The second housing has a second vertebral body engagement surface that is substantially convex and has a second interior surface positioned on an opposite side of the second housing than the second vertebral body engagement surface.

EXHIBIT C2 - U.S. PATENT 10,016,284
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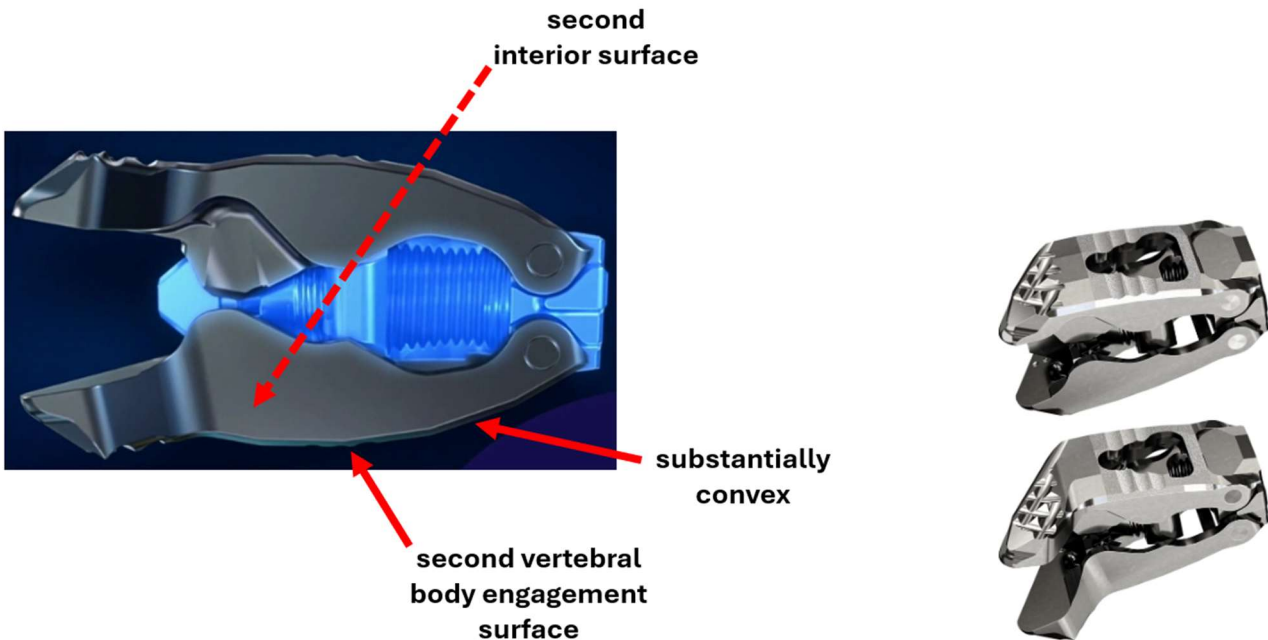
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
second interior surface positioned on an opposite side of the second housing than the second vertebral body engagement surface,	For example, Medtronic promotional literature describing the Catalyft™ PL Expandable Interbody System states that the system features “Grit-blasted, titanium surface for anti-migration and osteoconduction” and “Topographical features including teeth, machined scallops, and roughened titanium work together to resist migration of cage during expansion.” 

EXHIBIT C2 - U.S. PATENT 10,016,284
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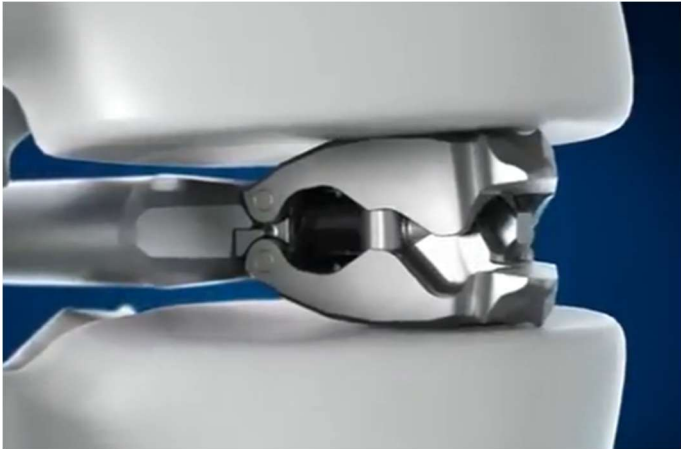
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18
14F wherein the second housing defines at least one second bone material receiving area between the third and fourth end portions and the third and fourth side portions,	The second housing defines at least one second bone material receiving area between the third and fourth end portions and the third and fourth side portions. For example, a promotional video on a Medtronic website states that the Catalyft PL System features “Seamless, integrated bone graft delivery with Grafton™ DBF Inject.” Medtronic promotional material states “Grafton™ DBF Inject boosts seamless fusion by flowing through the inserter and expanded implant to completely fill the disc space.” The promotional material also states “Implants are used to facilitate fusion in the lumbar spine using autogenous bone

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	graft and/or allograft bone graft comprised of cancellous and/or corticocancellous bone, and/or demineralized allograft bone with bone marrow aspirate.” bone material receiving area  Seamless, integrated bone graft delivery with Grafton™ DBF Inject* <i>See also Row 14D.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

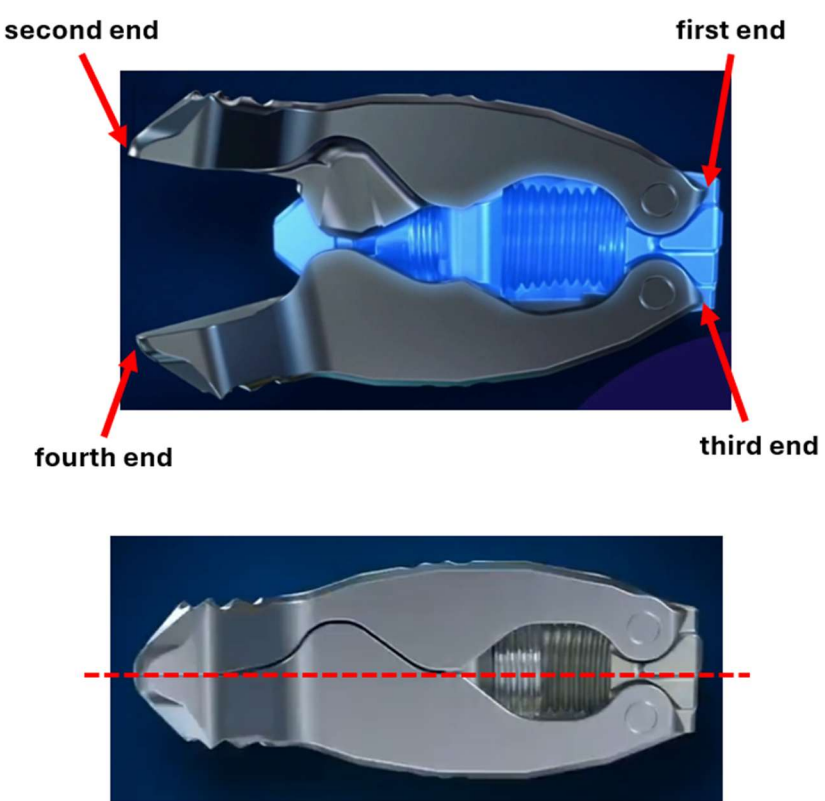
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
14G wherein the first housing is aligned with the second housing such that the first end of the first housing is axially aligned with the third end of the second housing and the second end of the first housing is axially aligned with the fourth end of the second housing,	The first housing is aligned with the second housing such that the first end of the first housing is axially aligned with the third end of the second housing and the second end of the first housing is axially aligned with the fourth end of the second housing.  <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html

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U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
		https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=Cg6cDVacE18
14H	wherein the first end portion of the first housing and the third end portion of the second housing are hingedly interconnected such that the first housing can pivot with respect to the second housing so as to move the second end portion of the first housing away from the fourth end portion of the second housing,	The first end portion of the first housing and the third end portion of the second housing are hingedly interconnected such that the first housing can pivot with respect to the second housing so as to move the second end portion of the first housing away from the fourth end portion of the second housing. For example, a Medtronic website promoting the Catalyft™ PL expandable interbody system advertises “an active expansion at the precise angle and lift you need for minimally invasive, patient-specific solutions to meet your sagittal alignment goals.” Medtronic promotional material states “the titanium Catalyft™ PL Expandable Interbody System features lengths ranging from 23mm-30mm and continuous adjustment from 0° to up to 22° of lordosis.”

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

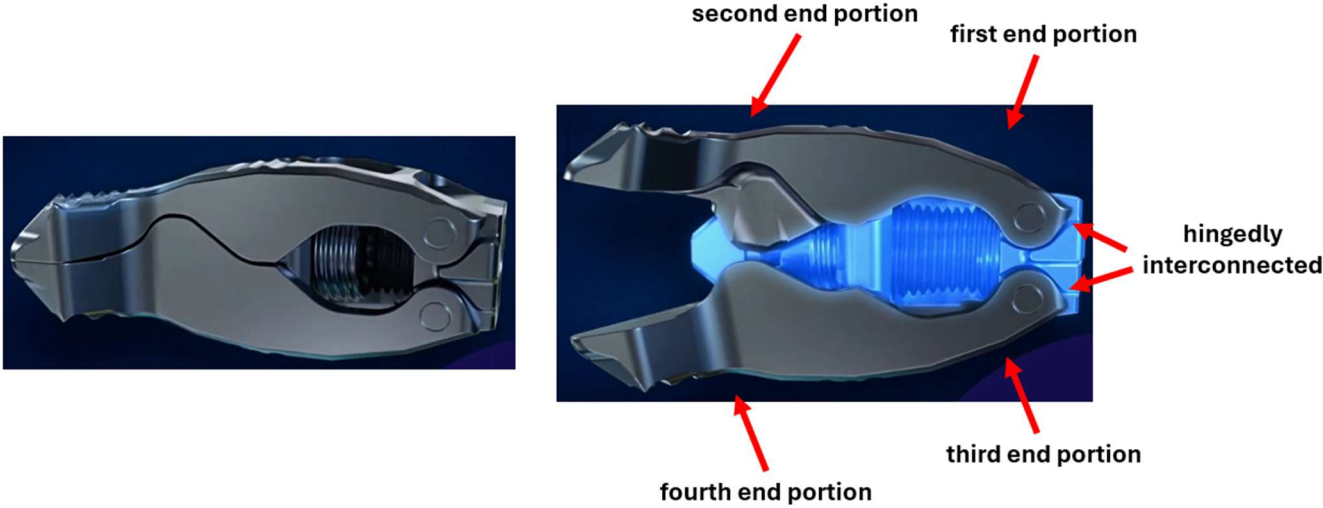
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 <i>See also Rows 14A and 14D.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=j7Kcp0VJAbI https://www.youtube.com/watch?v=Cg6cDVacE18
14I	wherein at least part of the first housing is positioned between the third and fourth side portions of the second housing; At least part of the first housing is positioned between the third and fourth side portions of the second housing.

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Infringement Claim Chart

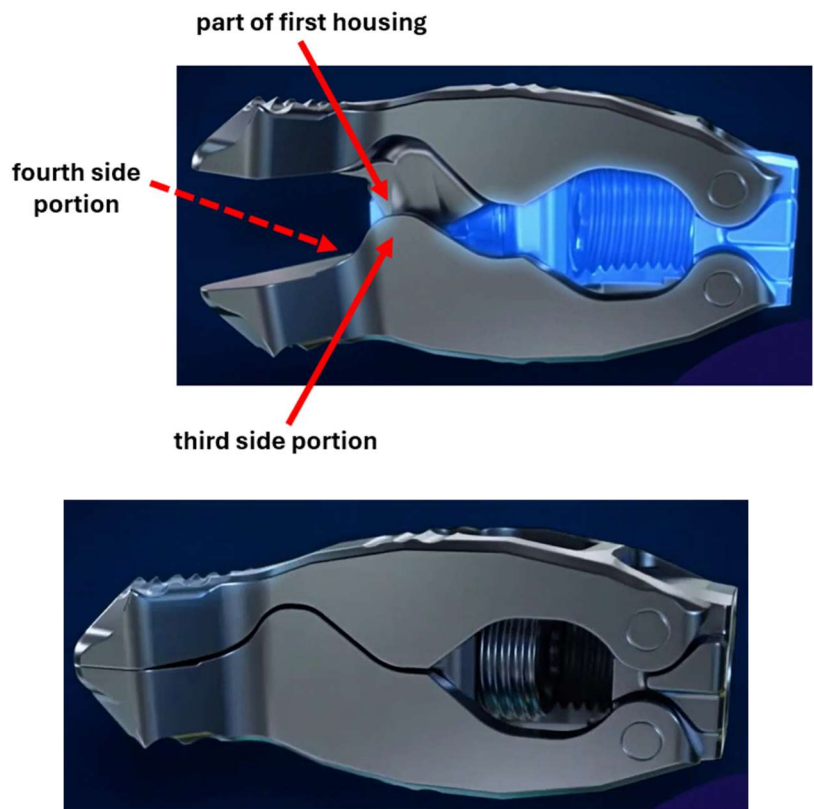
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 <i>See also Rows 14A and 14D.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=j7Kcp0VJAbI https://www.youtube.com/watch?v=Cg6cDVacE18
14J a wedge extending from a fifth end to a sixth end and having an angled wedge surface extending along at least a portion of a distance between the fifth end and the sixth end,	The '284B Accused Instrumentalities include a wedge extending from a fifth end to a sixth end and having an angled wedge surface extending along at least a portion of a distance between the fifth end and the sixth end. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18

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14K wherein the wedge is positioned between the first housing and the second housing with the angled wedge surface facing the first interior surface of the first housing, wherein the first interior surface of the first housing has an angled housing surface shaped to engage the angled wedge surface of the wedge,	The wedge is positioned between the first housing and the second housing with the angled wedge surface facing the first interior surface of the first housing, wherein the first interior surface of the first housing has an angled housing surface shaped to engage the angled wedge surface of the wedge. <i>See also Rows 14B and 14J.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18

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14L wherein a distance from the fifth end to the sixth end of the wedge is less than a distance from the first end to the second end of the first housing and is less than a distance from the third end to the fourth end of the second housing,	A distance from the fifth end to the sixth end of the wedge is less than a distance from the first end to the second end of the first housing and is less than a distance from the third end to the fourth end of the second housing. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18
14M wherein the wedge is configured to slide within a spaced defined by the first and second housings in a direction toward the second and fourth ends of the first and second housings	The wedge is configured to slide within a spaced defined by the first and second housings in a direction toward the second and fourth ends of the first and second housings from a first wedge position that allows the first and second housings to pivot to a housing position that is substantially closed to a second wedge position whereby the angled wedge surface presses against the first interior surface of the first housing to hingedly open the first housing with

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

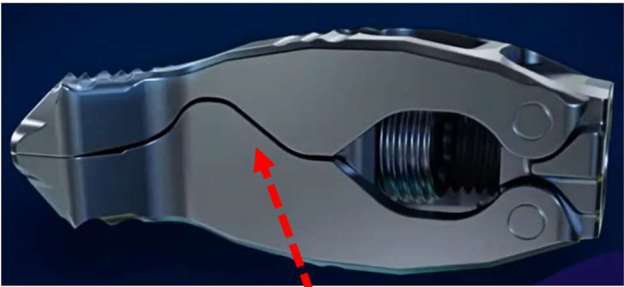
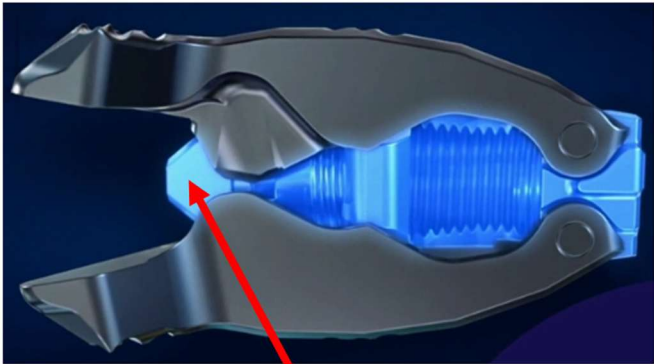
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
housings from a first wedge position that allows the first and second housings to pivot to a housing position that is substantially closed to a second wedge position whereby the angled wedge surface presses against the first interior surface of the first housing to hingedly open the first housing with respect to the second housing whereby the wedge remains axially confined within the space defined by the first and second housings in the first and second wedge positions; and	respect to the second housing whereby the wedge remains axially confined within the space defined by the first and second housings in the first and second wedge positions. For example, a Medtronic website promoting the Catalyft™ PL expandable interbody system advertises “an active expansion at the precise angle and lift you need for minimally invasive, patient-specific solutions to meet your sagittal alignment goals.” Medtronic promotional material states “the titanium Catalyft™ PL Expandable Interbody System features lengths ranging from 23mm-30mm and continuous adjustment from 0° to up to 22° of lordosis.”  first wedge position  second wedge position <i>See also Rows 14A, 14B, 14D, 14J, and 14K.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
		https://thespinemarketgroup.com/wp-content/uploads/2021/09/catalyft-pl-Brochure.Medtronic.pdf https://www.youtube.com/watch?v=j7Kcp0VJAbl https://www.youtube.com/watch?v=Cg6cDVacE18
14N	a rotation screw operably connected to the wedge and to the second housing, wherein rotation of the rotation screw moves the wedge in an axially translating direction with respect to the first housing and the second housing within the space defined by the first and second housings from the first wedge position to the second wedge position.	The '284B Accused Instrumentalities include a rotation screw operably connected to the wedge and to the second housing, wherein rotation of the rotation screw moves the wedge in an axially translating direction with respect to the first housing and the second housing within the space defined by the first and second housings from the first wedge position to the second wedge position.

EXHIBIT C2 - U.S. PATENT 10,016,284
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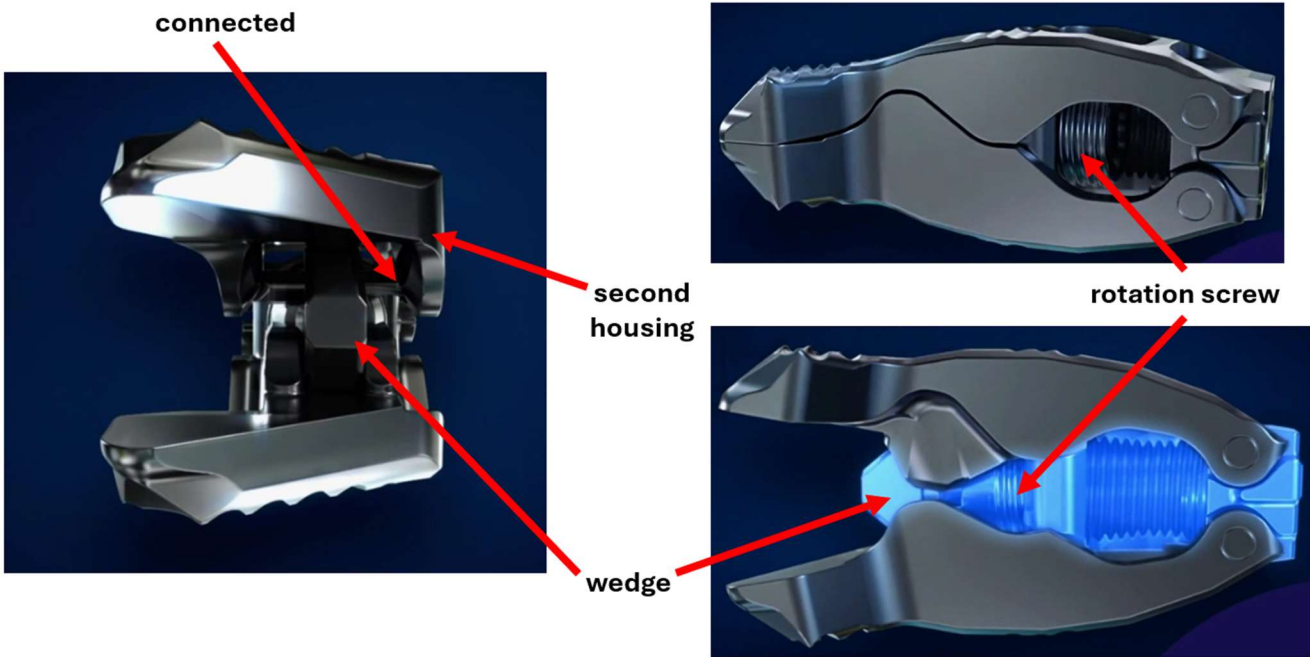
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 connected second housing rotation screw wedge <i>See also Row 14M.</i> <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=j7Kcp0VJAbI https://www.youtube.com/watch?v=Cg6cDVacE18 https://www.youtube.com/watch?v=KamtBnGGrEM

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

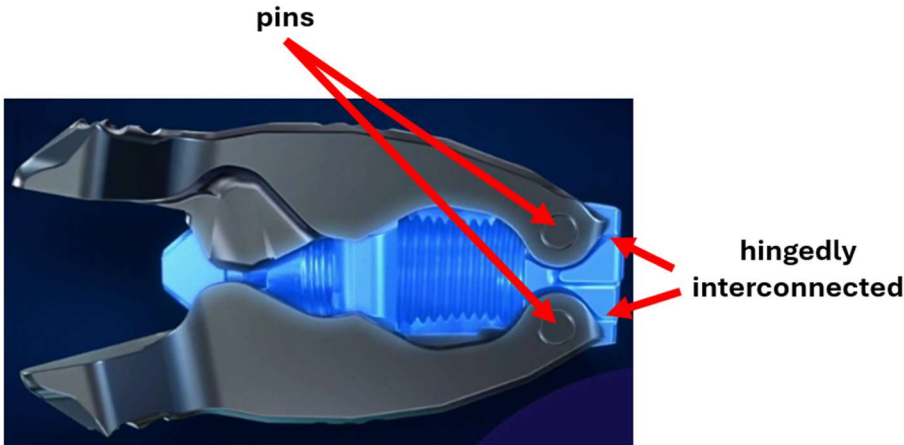
U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
Row	Claim 15	
15	The device of claim 14, wherein the first end portion of the first housing and the third end portion of the second housing are hingedly interconnected via at least two pins.	The '284B Accused Instrumentalities include the limitations of claim 14 as described above. The first end portion of the first housing and the third end portion of the second housing are hingedly interconnected via at least two pins.  <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18
Row	Claim 16	
16	The device of claim 14, wherein the first housing has a thickness	The '284B Accused Instrumentalities include the limitations of claim 14 as described above.

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that varies between the first end and the second end such that the first interior surface has at least one curved portion and at least one straight portion.	The first housing has a thickness that varies between the first end and the second end such that the first interior surface has at least one curved portion and at least one straight portion. <i>See also</i> Claim 14, Row 14B. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18
Row	Claim 18
18A	A method of operating the device of claim 14, the method comprising: The '284B Accused Instrumentalities include the limitations of claim 14 as described above.

EXHIBIT C2 - U.S. PATENT 10,016,284
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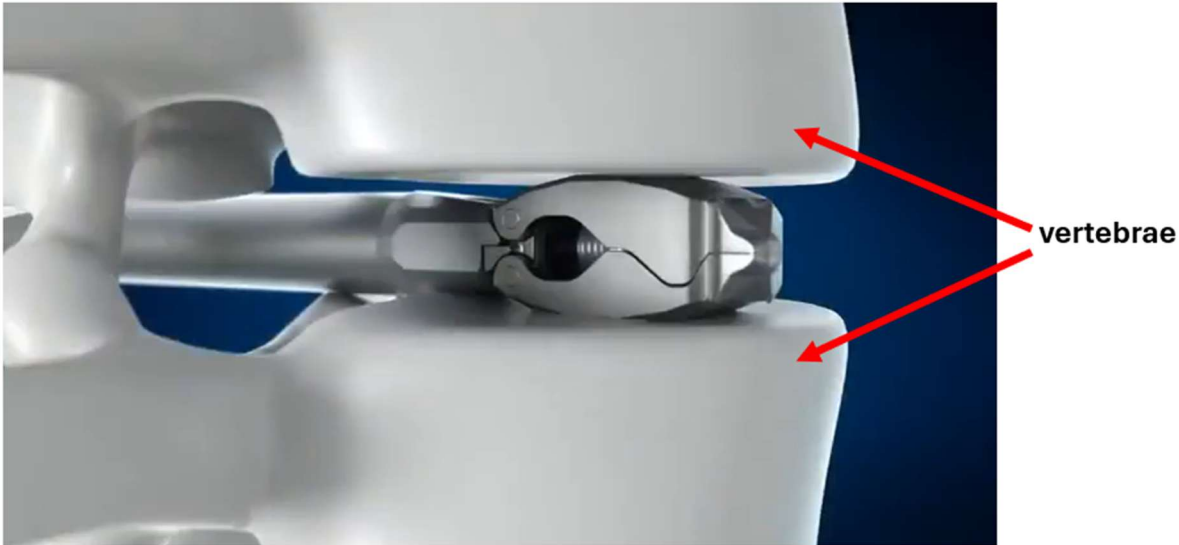
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
inserting the device in a target surgical location between two vertebrae; and	The '284B Accused Instrumentalities include a method of operating the device that includes inserting the device in a target surgical location between two vertebrae. For example, Medtronic promotional material states “The Catalyft™ PL Interbody System is indicated for use as an intervertebral body fusion device in skeletally mature patients with degenerative disc disease . . . at one or two contiguous levels of the lumbar spine (L2-S1).”  <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18 https://www.youtube.com/watch?v=KamtBnGGrEM

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

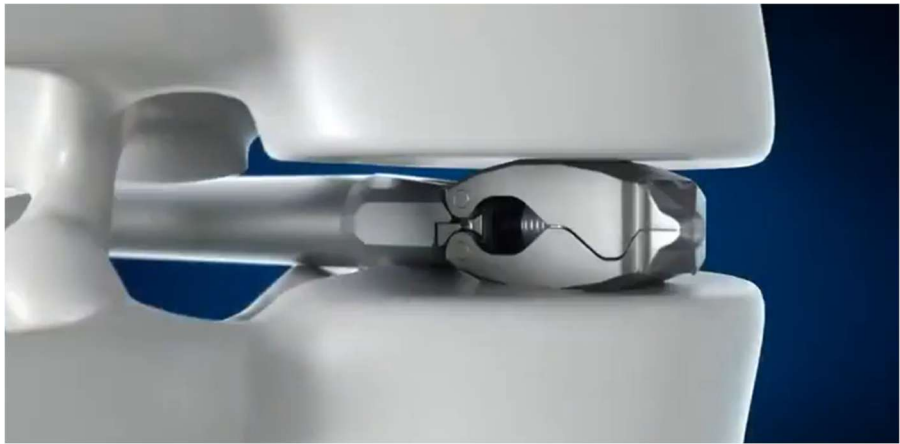
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
18B turning the rotation screw to drive the wedge to pivot the first housing away from the second housing while the device is positioned between the vertebrae.	The method includes turning the rotation screw to drive the wedge to pivot the first housing away from the second housing while the device is positioned between the vertebrae. For example, a Medtronic website promoting the Catalyft™ PL expandable interbody system advertises “an active expansion at the precise angle and lift you need for minimally invasive, patient-specific solutions to meet your sagittal alignment goals.” Medtronic promotional material states “the titanium Catalyft™ PL Expandable Interbody System features lengths ranging from 23mm-30mm and continuous adjustment from 0° to up to 22° of lordosis.” 

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

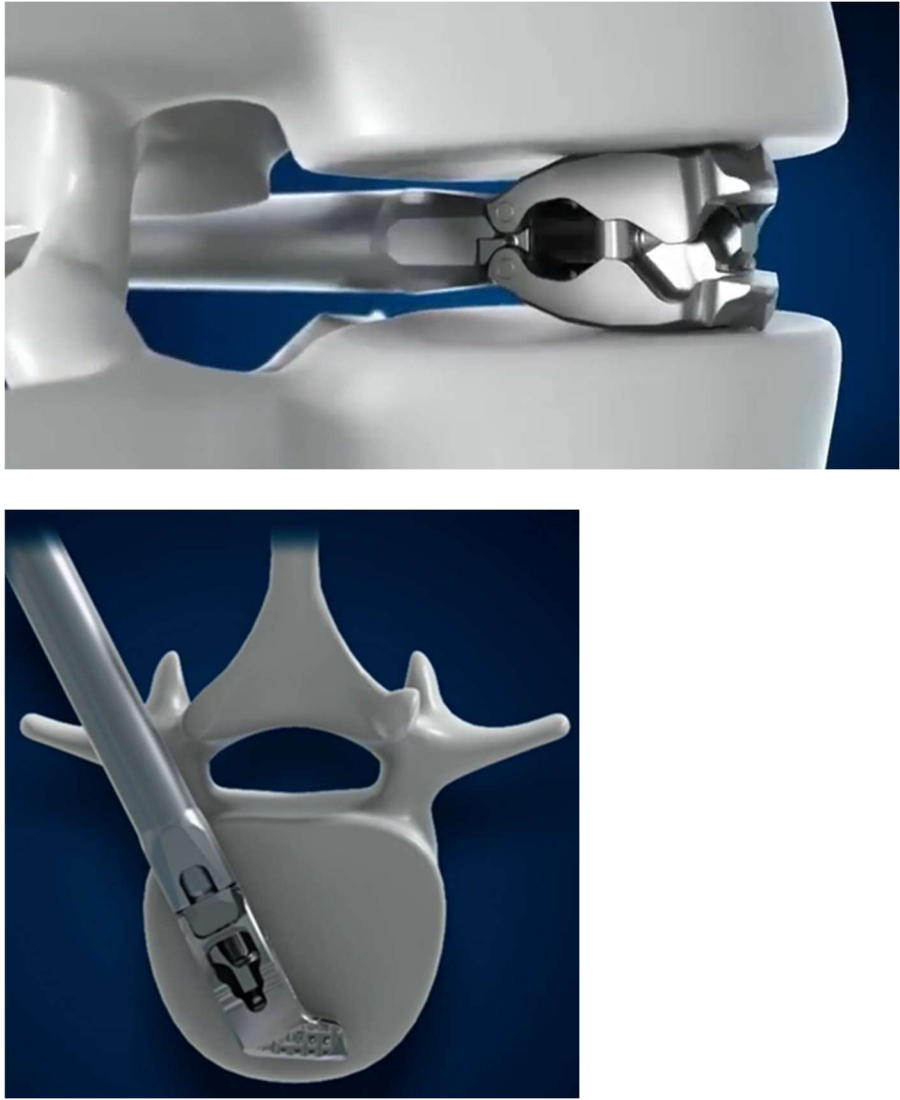
U.S. Patent 10,016,284	Medtronic Infringing Activity ¹
	 The image block contains two photographs. The top photograph shows a close-up of a surgical instrument, which appears to be a minimally invasive approach (MIA) tool, being used to access a vertebral body. The instrument has a long, thin shaft and a specialized tip. The bottom photograph shows the same instrument being used to access a different part of the spine, specifically a vertebral body. The instrument is shown in a different orientation, demonstrating its flexibility and reach. Both images are set against a dark blue background, and the spine model is white.

EXHIBIT C2 - U.S. PATENT 10,016,284
Infringement Claim Chart

U.S. Patent 10,016,284		Medtronic Infringing Activity ¹
		<i>See also</i> Claim 14, Rows 14M-14N. <u>Exemplary Sources</u> https://europe.medtronic.com/xd-en/healthcare-professionals/products/spinal-orthopaedic/posterior-interbody-fusion/catalyft-interbody-system.html https://www.youtube.com/watch?v=Cg6cDVacE18 https://www.youtube.com/watch?v=KamtBnGGrEM