

Original	First Amendment	Second Amendment
Claim 1	Claim 1 became 15	Claim 15
1a. a shaft body having a radially outward facing external surface, and a first end and a second end;	(no change)	15a. a shaft body having a radially outward facing external surface, and a first end and a second end, <u>wherein the second end is an uppermost extremity of the shaft body;</u>
1d. at least one groove indented at the external surface and positioned at the tapered axial region, the at least one groove being arranged to receive a pressurised[sic] fluid to facilitate mounting and dismounting of the shaft sleeve at the shaft body.	15d. <u>a plurality of grooves</u> indented at the external surface and positioned at the tapered axial region, the <u>plurality of grooves</u> being arranged to receive a pressurised (sic) fluid to facilitate mounting and dismounting of the shaft sleeve at the shaft body,	
(not in original claims)	15e. <u>wherein the plurality of grooves comprise a first groove and a second groove, wherein the first groove is positioned closer to the second end relative to the second groove; and</u>	
(not in original claims)	15f. <u>a fluid inlet conduit extending axially from the second end and provided in fluid communication with the first groove, wherein the fluid inlet conduit extends internally within</u>	

	<u>the shaft body only to the first groove,</u>	
(not in original claims)	<u>15g. wherein the first groove and the second groove are coupled in fluid communication.</u>	
Claim 2	Claim 2 became 16	
The main shaft as claimed in claim 1, further comprising a fluid inlet conduit extending axially from the second end and provided in fluid communication with the at least one groove to allow a fluid to be supplied to the at least one groove from the second end.	The main shaft as claimed in claim 15, <u>wherein the first groove is positioned on a first side of a cross-sectional area center of the shaft sleeve relatively closer to the second end and the second groove is positioned on a second side of a cross-sectional area center of the shaft sleeve relatively further from the second end.</u>	The main shaft as claimed in claim 15, <u>wherein the plurality of grooves comprise a first groove and a second groove, wherein the first groove is positioned closer to the second end relative to the second groove, and wherein the shaft body further comprises an oil path consisting of: a fluid inlet positioned at the second end; the first groove; the second groove; an axially extending channel indented at the external surface of the shaft body to couple the first groove and the second groove in fluid communication; and an internal oil path extending within the shaft body only to the first groove, the internal oil path consisting of: a first conduit extending axially toward the first end from the fluid inlet; and a second conduit extending from the first conduit toward the</u>

		<u>radially outward facing external surface of the shaft body to the first groove.”</u>
Claim 3	Claim 3 became 17	
The main shaft as claimed in claim 2, wherein the fluid inlet conduit extends internally within the shaft body such that a part of the fluid inlet conduit extends radially outward to the at least one groove.	The main shaft as claimed in claim 15, <u>wherein the first groove and the second groove are positioned at an equal distance from the cross-sectional area center of the shaft sleeve such that when the pressurised (sic) fluid is supplied to the first groove and the second groove, an expansion force is distributed substantially uniformly along the axial length of the sleeve.</u>	The main shaft as claimed in claim 15, wherein the first groove <u>is positioned on a first side of a cross-sectional area center of the shaft sleeve relatively closer to the second end and the second groove is positioned on a second side of a cross-sectional area center of the shaft sleeve relatively further from the second end</u>
Claim 4	Claim 4 became 18	
The main shaft as claimed in claim 3, wherein the at least one groove extends in a circumferential direction around the shaft body.	The main shaft as claimed in claim 15, wherein <u>the plurality of grooves extend in a circumferential direction around the tapered axial region shaft body.</u>	
Claim 5	Claim 5 became 19	
The main shaft as claimed in claim 4, wherein the at least one groove extends substantially or completely circumferentially around the shaft body.	The main shaft as claimed in claim 15, wherein the <u>plurality of grooves extend substantially or completely circumferentially around the shaft body.</u>	

(not in original claims)	Claim 20	
	<u>The main shaft as claimed in claim 15, wherein at least a part of the fluid inlet conduit is indented and extends axially at the external surface as a channel to couple the first and second grooves in fluid communication.</u>	The main shaft as claimed in claim 15, <u>wherein the shaft sleeve is configured such that when positioned on the shaft body, the shaft sleeve is separated from and not fastened to a crushing head and a crushing shell.</u>
Claim 9	Claim 9 became 21	Claim 21
9a. a shaft body having a radially outward facing external surface, and a first end and a second end,	(no change)	21a. a shaft body having a radially outward facing external surface, and a first end and a second end, <u>wherein the second end is an uppermost extremity of the shaft body;</u>
		21b. an axial region of the shaft body extending from the second end and being tapered relative to a longitudinal axis of the shaft body such that a cross sectional area of the shaft body at the tapered axial region decreases in a direction from the first end to the second end,
		21c a shaft sleeve mounted on the tapered axial region, and
9d. a sleeve fitted over the tapered axial region, the sleeve having a tapered wall thickness, such that the wall thickness at a second end	21d. <u>wherein the shaft sleeve is fitted over the tapered axial region, the shaft sleeve having a tapered wall thickness, such that the wall</u>	21d. at least one groove indented at the external surface and positioned at the tapered axial region, the at least one groove being arranged to receive

of the sleeve is greater than the wall thickness at a first end of the sleeve; and	thickness at a second end of the <u>shaft</u> sleeve is greater than the wall thickness at a first end of the sleeve; and	a pressurized fluid to facilitate mounting and dismounting of the shaft sleeve at the shaft body,; and
Claim 10. The assembly as claimed in claim 9, further comprising an end retainer releasably mounted at the second end of the shaft body and having a perimeter region extending radially outward beyond the external surface at the tapered region, the perimeter region positioned to radially overlap the sleeve at the second end of the sleeve to inhibit axial separation of the sleeve from the shaft body.	(added dependent claim) 21e. an end retainer releasably mounted at the second end of the shaft body and having a perimeter region extending radially outward beyond the external surface at the tapered axial region, the perimeter region positioned to radially overlap the <u>shaft</u> sleeve at the second end of the sleeve to inhibit axial separation of the <u>shaft</u> sleeve from the shaft body,	21e. wherein the <u>shaft</u> <u>[[a]] sleeve is fitted over the tapered axial region, the <u>shaft</u> sleeve having a tapered wall thickness, such that the wall thickness at a second end of the <u>shaft</u> sleeve is greater than the wall thickness at a first end of the <u>shaft</u> sleeve, wherein the first end of the shaft sleeve is a lowermost extremity of the shaft sleeve.</u>
Claim 11. The assembly as claimed in claim 10, wherein the end retainer includes a recess extending circumferentially at the perimeter region to allow axial movement of the sleeve into the recess.	(added dependent claim) 21f. wherein the end retainer includes a recess extending circumferentially at the perimeter region to allow axial movement of the <u>shaft</u> sleeve into the recess,	
(not in original claims)	21g. wherein the recess <u>defines an annular gap between the end retainer and the second end of the shaft sleeve when an underside surface of the</u>	

	<u>end retainer is positioned in contact with the second end of the shaft body.</u>	
(not in original claims)	Claim 22	
	<u>The assembly as claimed in claim 21, wherein the end retainer comprises a first plurality of bores distributed circumferentially around the end retainer and configured to align with a plurality of sleeve bores in the second end of the shaft sleeve such that the end retainer can be attached to the shaft sleeve.</u>	<u>The assembly as claimed in claim 21, wherein the end retainer comprises a first plurality of bores distributed circumferentially around the end retainer and configured to align with a plurality of sleeve bores in the second end of the shaft sleeve such that the end retainer can be attached to the shaft sleeve.</u>
(not in original claims)	Claim 23	
	<u>The assembly as claimed in claim 21, wherein the end retainer comprises a surface opposite the underside surface of the end retainer configured to mate against the second end of the shaft sleeve when the end retainer is inverted, and wherein the end retainer is configured to force the shaft sleeve axially over the tapered axial region when a plurality of attachment members extending through a second plurality of bores in the end retainer and into a</u>	<u>The assembly as claimed in claim 21, wherein the end retainer comprises a surface opposite the underside surface of the end retainer configured to mate against the second end of the shaft sleeve when the end retainer is inverted, and wherein the end retainer is configured to force the shaft sleeve axially over the tapered axial region when a plurality of attachment members extending through a second plurality of bores in the end retainer and into a</u>

	<u>plurality of corresponding shaft bores in the second end of the shaft body are tightened.</u>	<u>plurality of corresponding shaft bores in the second end of the shaft body are tightened.</u>
Claim 12	Claim 12 became 24	
The assembly as claimed in claim 9, further comprising a fluid inlet conduit extending axially from the second end of the shaft body in fluid communication with the at least one groove to allow a fluid to be supplied to the at least one groove from the second end of the shaft body.	(no change)	The assembly as claimed in claim 21, <u>wherein the at least one groove comprises a first groove and a second groove, wherein the first groove is positioned closer to the second end relative to the second groove, and wherein the shaft body further comprises an oil path consisting of: a fluid inlet positioned at the second end; the first groove; the second groove; an axially extending channel indented at the external surface of the shaft body to couple the first groove and the second groove in fluid communication; and an internal oil path extending within the shaft body only to the first groove, the internal oil path consisting of: a first conduit extending axially toward the first end from the fluid inlet; and a second conduit extending from the first conduit toward the radially outward facing external surface of the</u>

		<u>shaft body to the first groove</u>
Claim 13	Claim 13 became 25	
The assembly as claimed in claim 9, further comprising a fluid inlet conduit extending radially through the wall thickness of the sleeve in fluid communication with the at least one groove to allow a fluid to be supplied to the at least one groove through the sleeve.	(no change)	The assembly as claimed in claim 21, <u>wherein the shaft sleeve is configured such that when positioned on the shaft body, the shaft sleeve is separated from and not fastened to a crushing head and a crushing shell.</u>
Claim 14	Claim 14 became 26	
14a. a main shaft including a shaft body having a radially outward facing external surface, a first end for positioning at a lower region of the crusher and a second end for positioning at an upper region of the crusher relative to the first end,	(no change)	26. A gyratory crusher comprising: 26a. a main shaft including a shaft body having a radially outward facing external surface, a first end for positioning at a lower region of the crusher and a second end for positioning at an upper region of the crusher relative to the first end, <u>wherein the second end is an uppermost extremity of the shaft body;</u>
		26b. an axial region of the shaft body extending from the second end and being tapered relative to a longitudinal axis of the shaft body such that a cross sectional area of the shaft body at the tapered

		axial region decreases in a direction from the first end to the second end, the tapered axial region being configured to mount a shaft sleeve;
14c. a sleeve fitted over tapered axial region, the sleeve having a tapered wall thickness such that a wall thickness at a second upper end of the sleeve is greater than a wall thickness at a first lower end of the sleeve; and	(no change)	26c. a sleeve fitted over tapered axial region, the sleeve having a tapered wall thickness such that a wall thickness at a second upper end of the sleeve is greater than a wall thickness at a first lower end of the sleeve, <u>wherein the first end of the sleeve is a lowermost extremity of the sleeve;</u> and
		26d. at least one groove indented at the external surface and positioned at the tapered axial region, the at least one groove being arranged to receive a pressurized fluid to facilitate mounting and dismounting of the sleeve at the shaft body,
(not in original claims)	26e. <u>wherein the shaft sleeve is configured such that when positioned on the shaft body, the shaft sleeve is independent of a crushing head and a crushing shell.</u>	26e. <u>wherein the sleeve is configured such that when positioned on the shaft body, the sleeve is separated from and not fastened to a crushing head and a crushing shell.</u>