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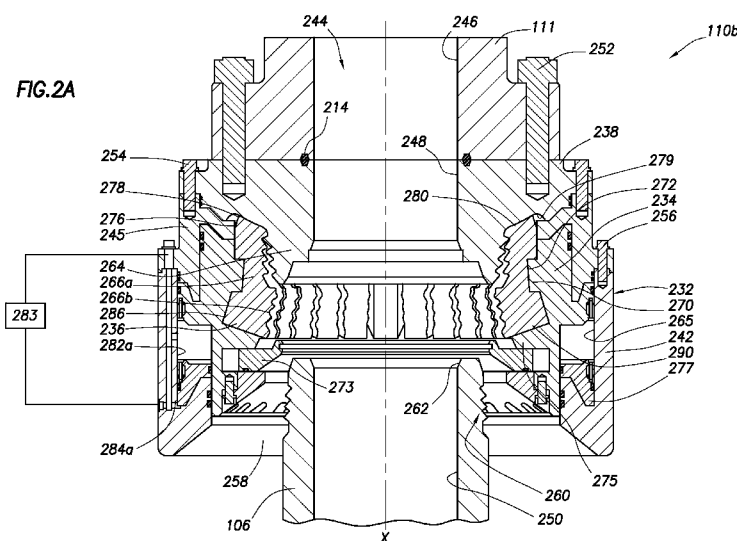
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(54) Title: WELLSITE CONNECTOR WITH PISTON DRIVEN COLLETS AND METHOD OF USING SAME

(57) **Abstract:** A wellsite connector (110) includes a connector body (232) having an end adapted for coupling to a first of the components and a cavity (265) to receive a second of the components, a piston (234) axially movable in the connector body and having a piston profile along an inner surface thereof, and a plurality of collets (236). The collets are positionable about the connector body adjacent the piston and radially movable thereabout. The collets have a collet profile along an outer surface thereof corresponding to the piston profile of the piston. The collets also have a grip profile along an inner surface thereof selectively engageable with the second of the components whereby the collets are selectively latchable about the second of the components.