United States Patent [19]

Jones et al.

[11] **4,057,887**

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[54] **PIPE DISCONNECTING APPARATUS**

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[73] Assignee: **Cameron Iron Works, Inc.,** Houston, Tex.

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Related U.S. Application Data

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[51] **Int. Cl.**[2] **B25B 17/00**

[52] **U.S. Cl.** **29/240;** 81/57.16; 81/57.18; 81/57.19; 81/57.21; 81/57.34

[58] **Field of Search** ..... 81/57.15–57.22, 81/57.33, 57.34, 57.35, 57.39, 57.46, 54; 166/77.5; 24/263 DH, 263 DB, 263 A; 29/240

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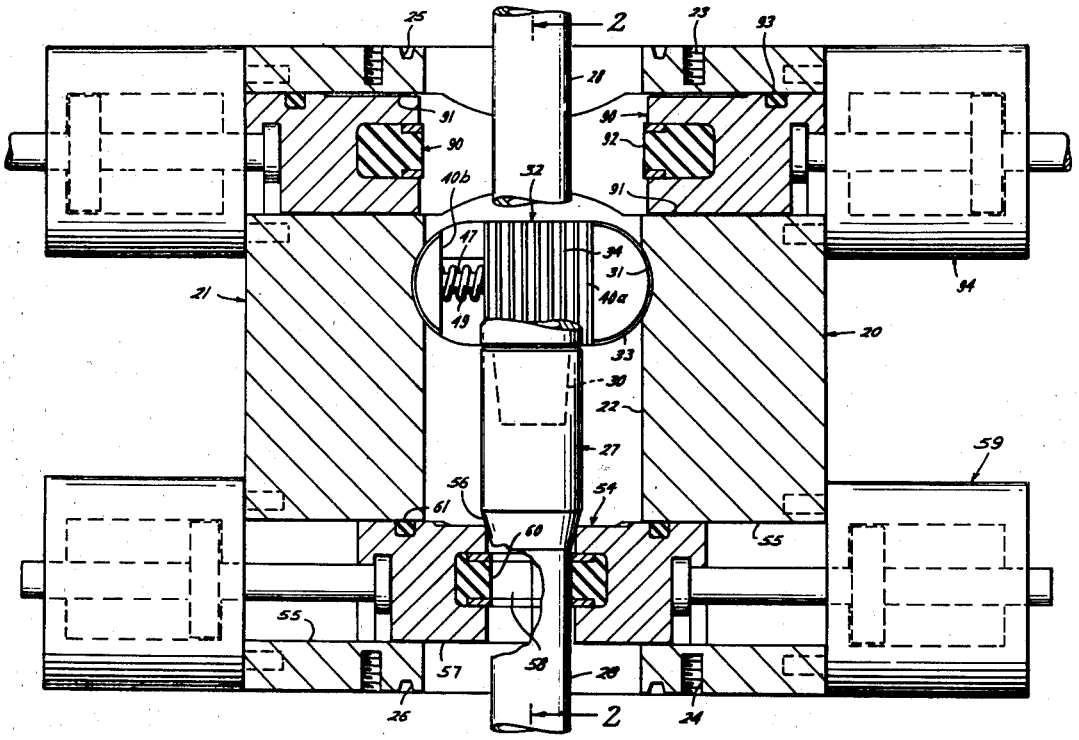
[57] **ABSTRACT**

Apparatus for disconnecting the lower threaded end of an upper section from the upper threaded end of a lower section of pipe string extending through the bore of an underwater wellhead.

41 Claims, 12 Drawing Figures