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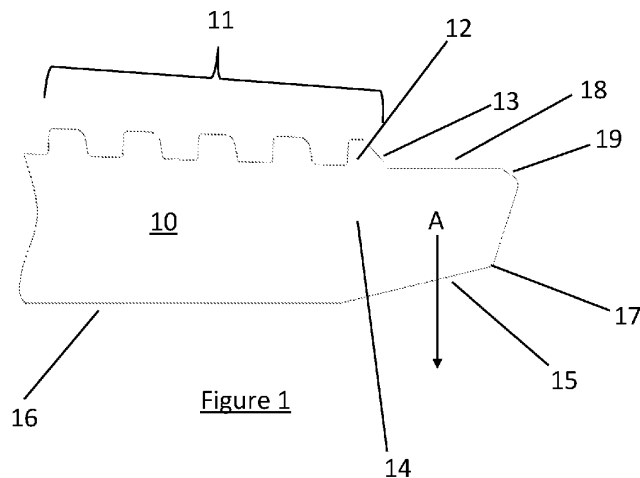
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(54) **Title:** IMPROVEMENTS TO A JOINT BETWEEN OIL AND GAS PIPE SECTIONS



(57) **Abstract:** A screw-threaded joint for pipes is disclosed comprising a first pipe length having a pin screw threaded portion at one end and a second pipe length having a box portion at one end, the ends each having a screw thread complementary to that on the other pipe length, the threads being adapted to inter-engage along the greater part of the axial length thereof, the threads being inclined in the same direction and at an acute angle to the central longitudinal axis of the joint, the pin thread extending at least to a stop shoulder having a head portion having a substantially conical cross-section which is positioned adjacent a complementary stop shoulder on the box portion, the head portion comprising a sealing surface, a torque surface and a link surface linking the sealing surface to the torque surface, the complementary stop shoulder comprising a cone receiver having a substantially conical cross-section, the cone receiver adapted to sealingly receive the head portion and comprising a sealing surface, a torque surface and a link surface linking the sealing surface to the torque surface, a link surface on the pin section having a planar cross-section to sealingly engage a corresponding substantially planar link surface on the cone receiver of the box section, wherein the angle subtended by each of the substantially planar link surfaces to the joint axis is from 29.5° - 30.5°.

[Continued on next page]

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