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(71) Applicant: **DRIL-QUIP, INC.** [US/US]; 13550 Hempstead Highway, Houston, TX 77040 (US).

(72) Inventors: **WALKER, James, M.**; 8 East Rivercrest, Houston, TX 77042 (US). **MILBERGER, Lionel, J.**; 8911 Rocky Lane, Houston, TX 77040 (US).

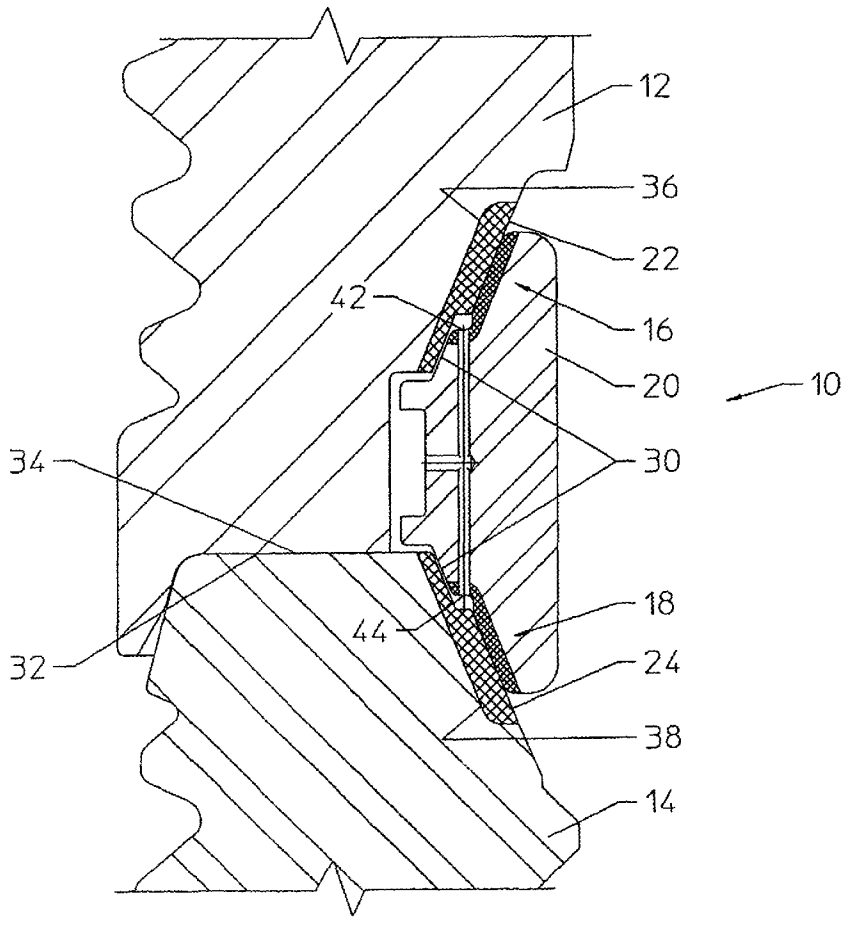
(74) Agent: **BRYSON, Alan, C.**; Browning Bushman, P.C., 5718 Westheimer, Suite 1800, Houston, TX 77040 (US).

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(54) Title: METAL SEAL WITH CORROSION RESISTANT ALLOY OVERLAY



(57) Abstract: A composite metal sealing ring and method are provided for sealing between tubular members. First (12) and second (14) tubular members have first (22) and second (24) conical inner sealing surfaces. A metal sealing ring (20) has corrosion-resistant inlays (16 and 18) defining opposing outer sealing surfaces for sealing with the first and second conical inner sealing surfaces. The resulting composite sealing ring has the corrosion-resistant benefits of stainless steel at the sealing surfaces, along with the desired expansion ratio of a conventional carbon steel.

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