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(71) Applicant: **MOOG INC.** [US/US]; Seneca and Jamison Road, East Aurora, New York 14052 (US).

(72) Inventors: **RAYNOR, Curtis**; 8 Findlay Road, Halifax, Nova Scotia B3N 1N2 (CA). **GUILE, Devon M.**; 129 Rockmanor Drive, Bedford, Nova Scotia B4A 2Y9 (CA). **SHARP, Eric J.**; 43 Faders Road, Bayside, Nova Scotia B3Z 1L7 (CA).

(74) Agent: **RICHARDS, Rowland**; Harter Secrest & Emery LLP, 50 Fountain Plaza, Suite 1000, Buffalo, New York 14202 (US).

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(54) Title: HIGH VOLTAGE SWIVEL

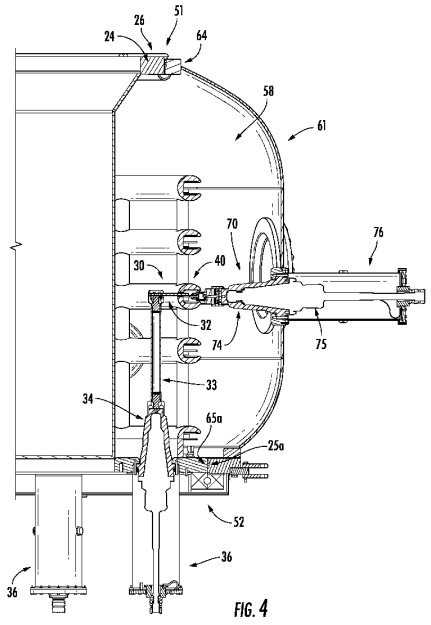


FIG. 4

(57) Abstract: A high voltage swivel comprising inner and outer component rotatable relative to each other at first and second bearing interfaces and forming an enclosure with an inner sealed chamber containing gas, a conductive ring assembly and a conductive brush assembly being in electric contact with and rotatable about the longitudinal axis relative to each other, the ring assembly having at least one ring and the brush assembly having at least one brush in contact at an electrical interface in the chamber, a ring shield supported in the chamber, the ring shield having first portion radially overlapping the electric contact between the ring and the brush and disposed axially between the first bearing interface and the first electrical interface, and the ring shield having second portion radially overlapping the electric contact between the ring and the brush and disposed axially between the second bearing interface and the first electrical interface.

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