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(54) Title: EX CERTIFIED ROBOTIC SYSTEM WITH ENHANCED CORROSION RESISTANCE

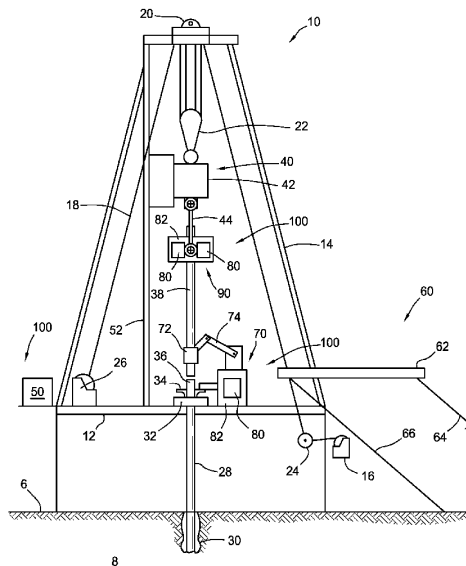


FIG. 1

(57) Abstract: A robotic system with a robot and enclosure (100), the robotic system configured for EX Zone 1 certification. Fasteners attaching a panel (80) to a housing of the enclosure (100) can be positioned away from a seal (122) of the panel, with the seal sealingly engaging the panel and housing when the panel is attached to the housing. The panel (80) can be rotationally attached to the housing by one or more hinges (250). The panel can be configured to assist operators with manual manipulation of the panel (80) by attaching detachable handles (200) to the panel.

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