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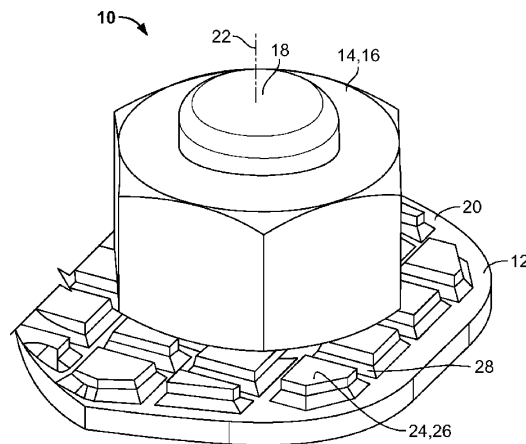


FIG. 1

(57) Abstract: A plurality of raised surfaces on a platform absorb torque of a fastener contacting the surface while rotating relatively to the platform. Significant disproportionate increase in torque compared with the associated increase in bolt stress is observed by increased felt torque when tightening the fastener. Raised surfaces are used on lugs of a mechanical pipe coupling to increase the fastener's resistance to damage when powered tools are used to apply torque to the fastener.

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WO 2022/103571 A2

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