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(54) Title: PLASTIC-METAL HYBRID STANDOFF

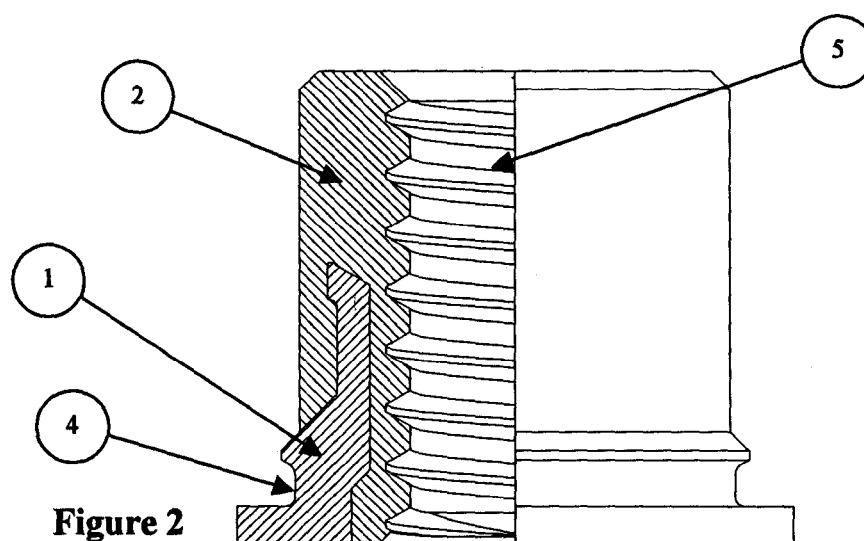


Figure 2

(57) Abstract: A hybrid clinch-type standoff consists of two component parts, a metal core base and a overmolded plastic barrel. The base has a through-bore and a displacer flange at the bottom. A first undercut is located immediately above the flange and extends upwardly along an outside surface of the base for providing clinch attachment of the base to a substrate. A frustoconical ramp convergent in the upward direction lies along the outer surface of the base and is located directly above the first undercut. An axially extending segmented ring with circumferential teeth is located at the top of the base. The overmolded plastic tubular barrel composed of plastic fills the second undercut and surrounds the segmented ring. The barrel has an inner portion including a threaded inner wall which extends downwardly inside the through-bore to a point flush with the bottom of the flange.