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(71) Applicant (for all designated States except US): **PEM MANAGEMENT, INC.** [US/US]; 300 Delaware Avenue, Suite 1225, Wilmington, DE 19801 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **DISE, Ronald, S.** [US/US]; 229 Irishmeetinghouse Road, Perkasié, PA 18944 (US).

(74) Agent: **GORE, Gregory, J.**; 70 West Oakland Avenue, Suite 316, Doylestown, Pa 18901 (US).

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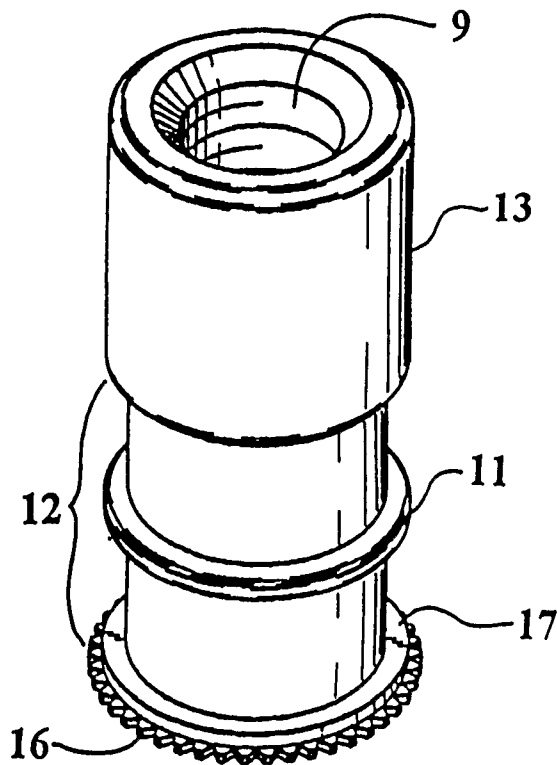
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(54) Title: CLINCH-TYPE BLIND NUT



(57) **Abstract:** A threaded blind insert (10) includes a shank (13) with a bore therethrough and a head (16) at one end and a threaded region (18) at the opposite end. The shank includes a weakened deformable portion (12) created by a reduced outside diameter of the shank. A reinforcement collar (11) integral with the shank is located in the middle of the deformable portion which provides a rigid area and creates bulges (26) in the deformable portion on either side of the collar. A flange (17) is located adjacent to the underside of the head and centers the insert when it is set in a work-piece mounting hole. The reinforcing collar may be replaced by a band (31) of material of greater hardness on the deformable wall which can be created by heat treatment.

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