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United States Patent [19]

Sabbaghian et al.

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[54] **ADJUSTABLE SOCKET WRENCH**

[75] Inventors: **Mehdy Sabbaghian**, Baton Rouge, La.;
Bryan Hivnor, Beaumont, Tex.;
Gerard Soignet; **Brian Mayeaux**, both
 of Houston, Tex.; **Wyndham Payne**,
 Nashville, Tenn.

[73] Assignee: **Board of Supervisors of Louisiana
 State University and Agricultural and
 Mechanical College**, Baton Rouge, La.

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[51] Int. Cl.⁶ **B25B 13/12**

[52] U.S. Cl. **81/128; 81/129**

[58] Field of Search 87/128, 129

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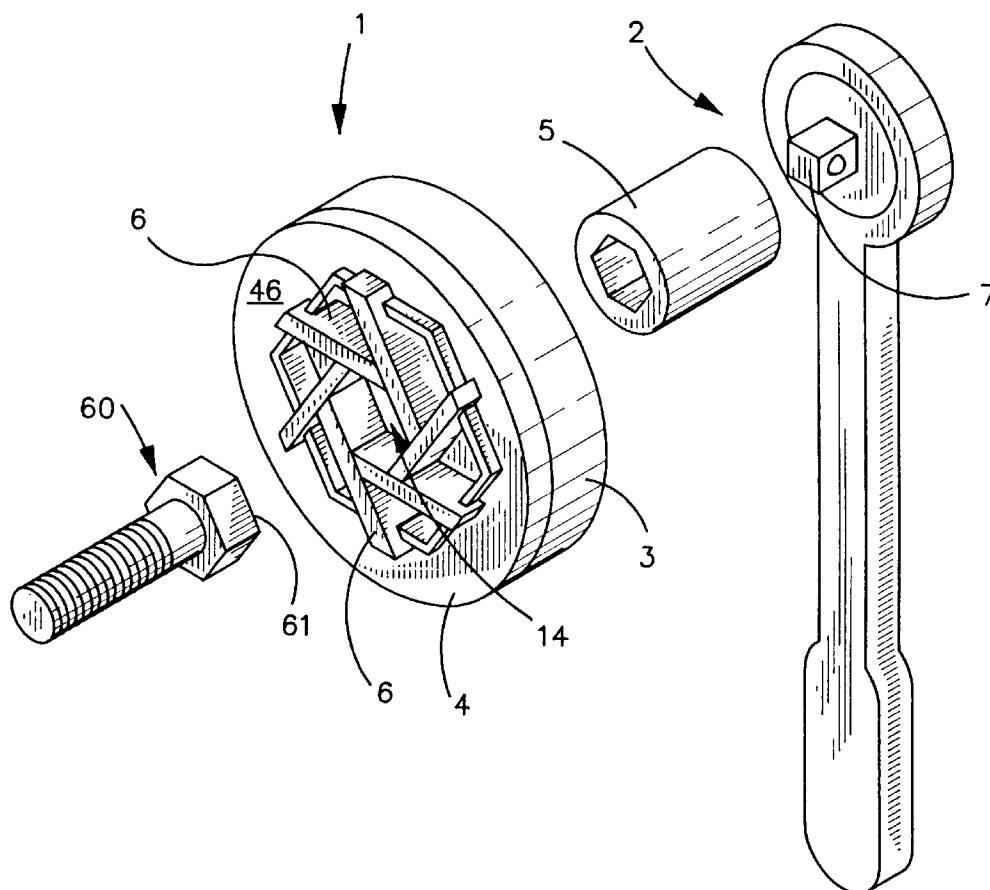
Primary Examiner—James G. Smith

Attorney, Agent, or Firm—Roy, Kiesel & Tucker

[57] **ABSTRACT**

The present invention provides an adjustable socket for a socket wrench. In a preferred embodiment, the adjustable socket comprises a base plate and a collar plate rotatably attached to the base plate. The collar plate has a central opening formed by a plurality of internal sidewalls and there are movably positioned inside the central opening a plurality of gripping members. Each of the gripping members has a contacting surface which cumulatively define a gripping region. Furthermore, each of the gripping members is connected to the base plate and has a first end adapted to engage one of the internal sidewalls such that relative rotation of the base plate and the collar plate adjusts the gripping region.

21 Claims, 5 Drawing Sheets



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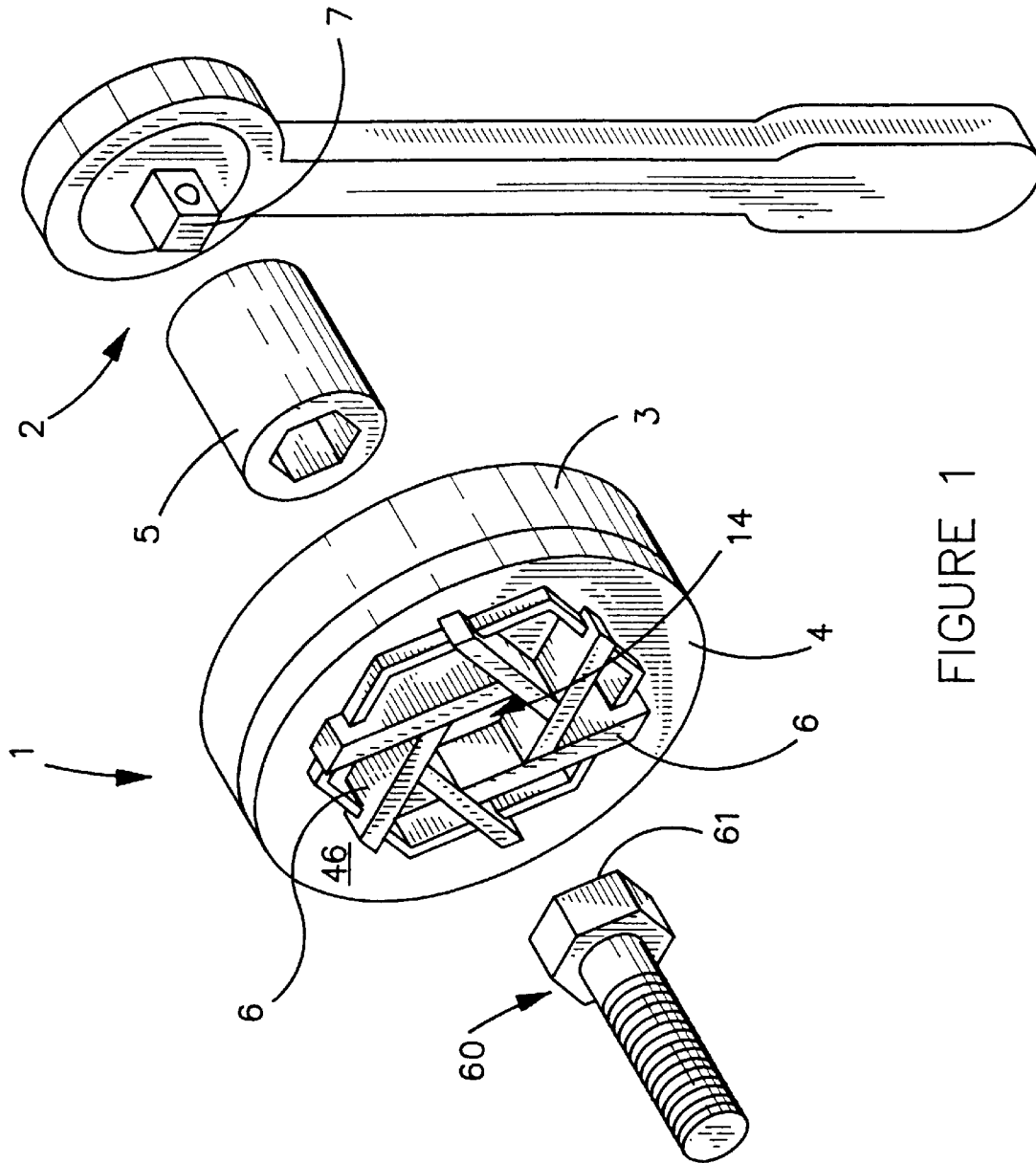


FIGURE 1

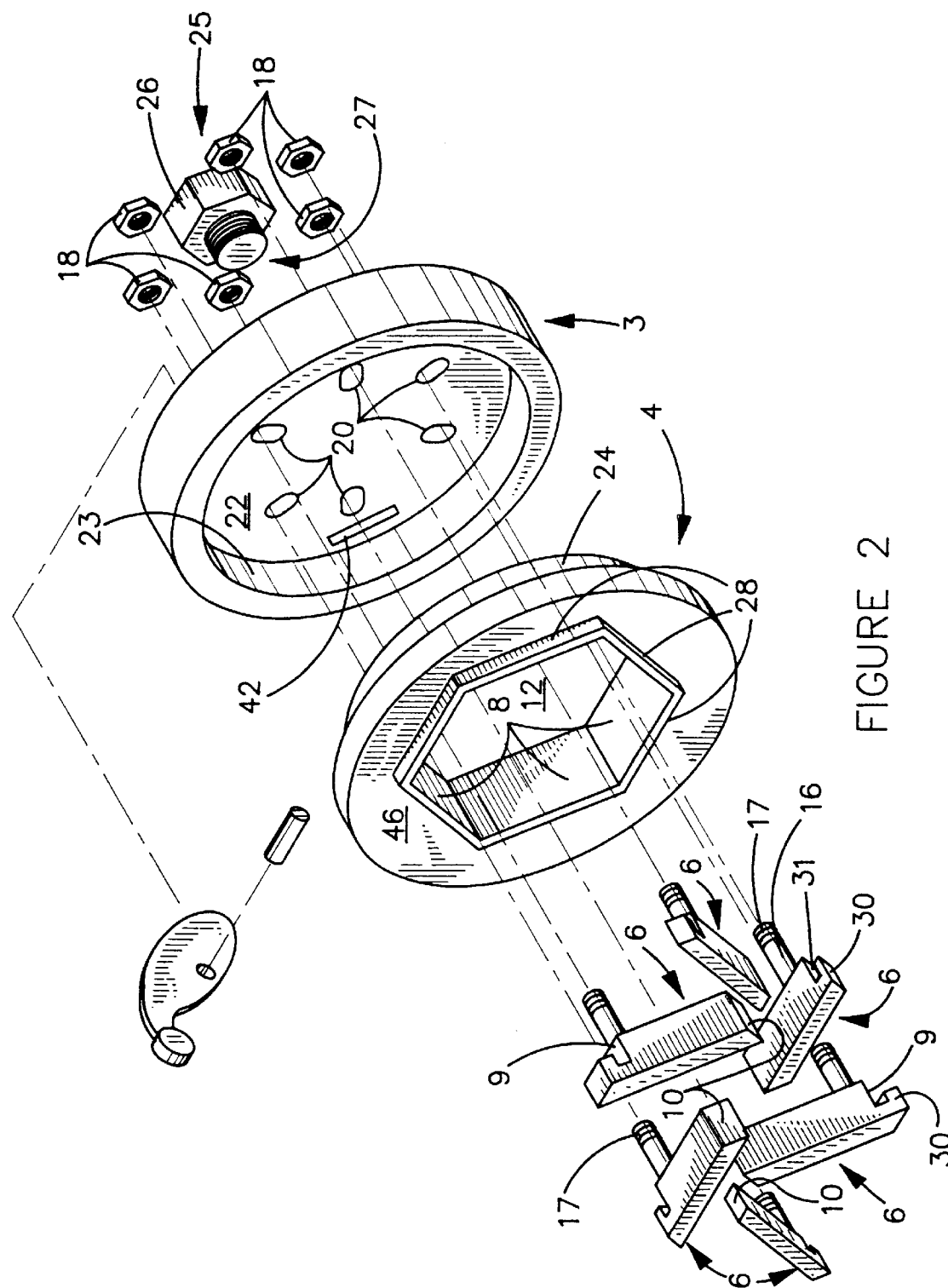


FIGURE 2

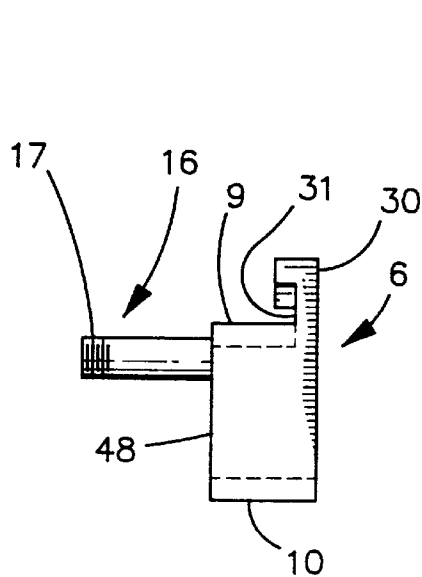


FIGURE 6

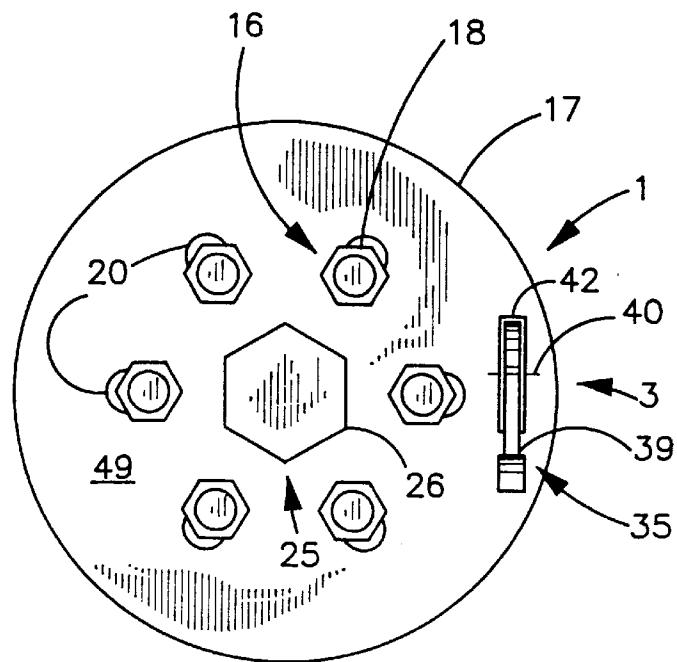


FIGURE 5

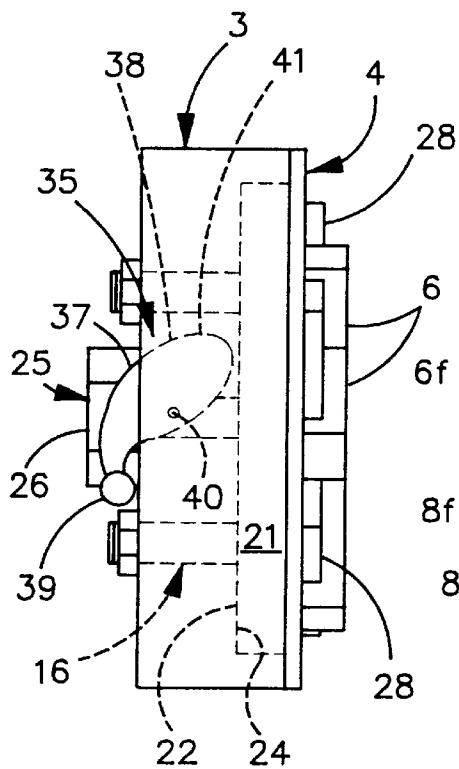


FIGURE 4

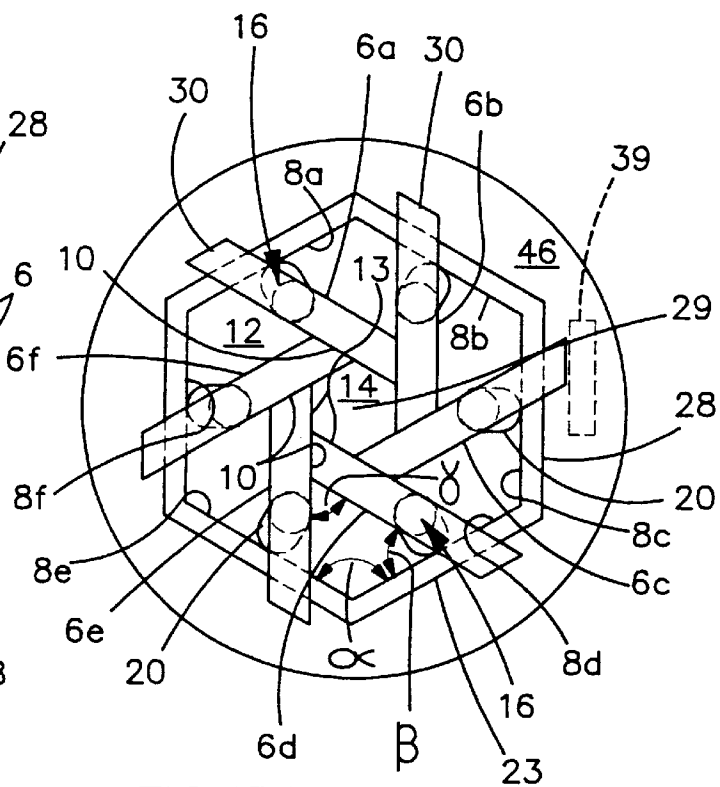


FIGURE 3

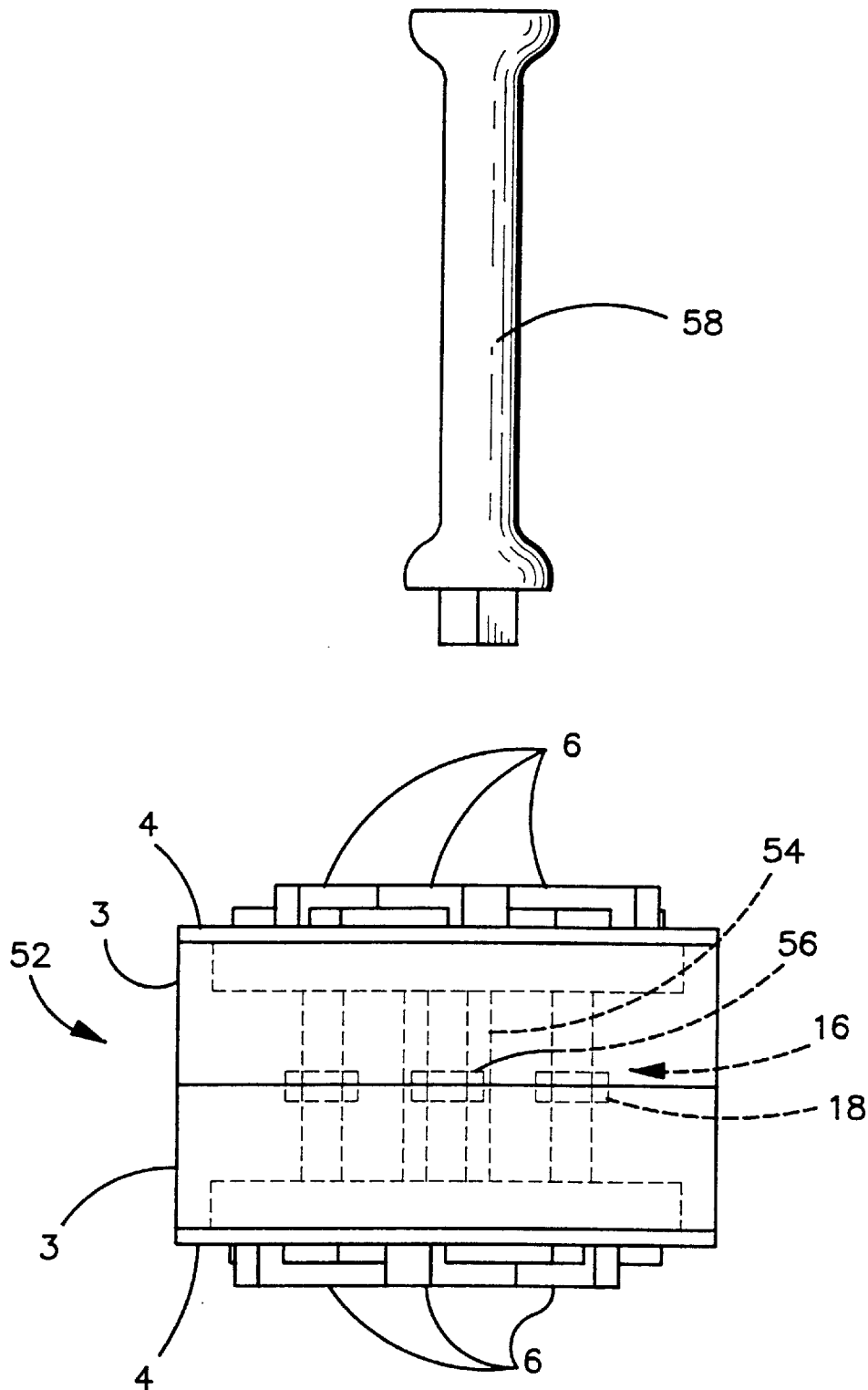


FIGURE 7

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