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**Wong** (43) **Pub. Date: Jan. 9, 2003**(54) **MAGNETIC STRAP FASTENER**(30) **Foreign Application Priority Data**

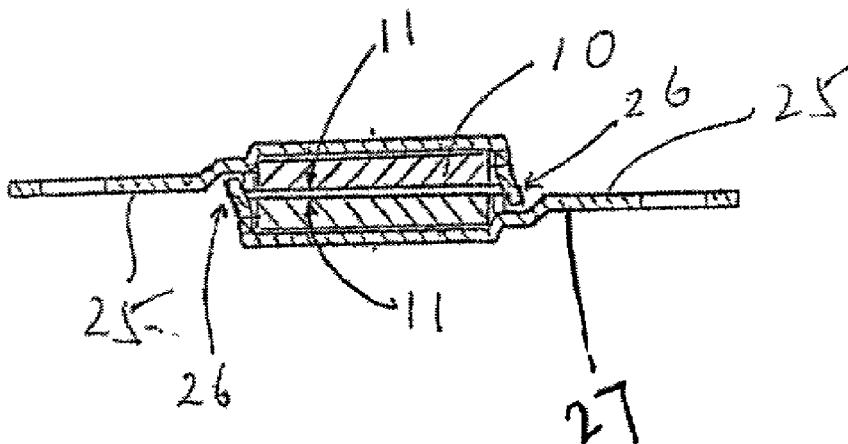
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**ALEXANDRIA, VA 22313-1404 (US)**(51) **Int. Cl.<sup>7</sup>** ..... **A44B 11/25; A41F 1/00**(52) **U.S. Cl.** ..... **24/303**(57) **ABSTRACT**(21) Appl. No.: **09/964,531**(22) Filed: **Sep. 28, 2001****Related U.S. Application Data**(63) Continuation-in-part of application No. 09/920,015,  
filed on Aug. 2, 2001.

A strap fastener comprising a pair of engageable magnetic fasteners of opposite polarity to each other engageable or a common axis, a strap engagement portion connected to each magnetic fastener and extending transverse to said common axis of engagement of said magnetic fasteners; and at least one protrusion to reside against a perimeter of an opposed magnetic fastener to resist movement of one magnetic fastener with respect to the other transverse to said common axis on which they engage.



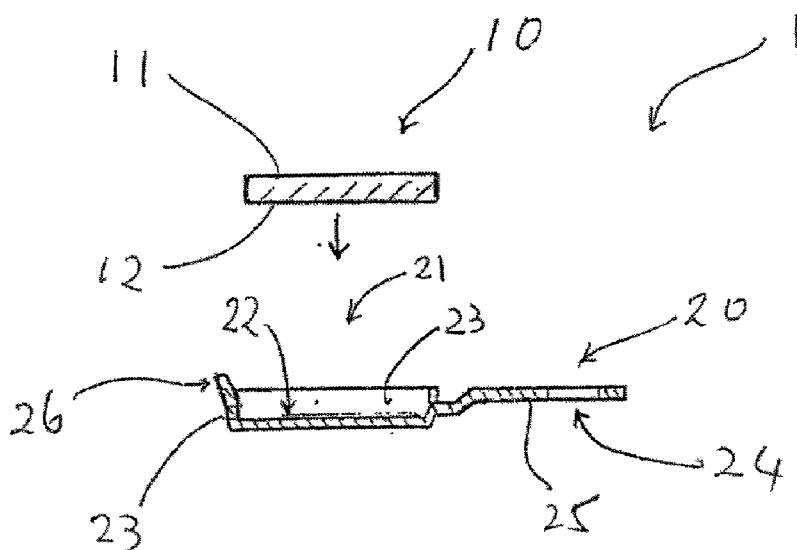


Fig. 1

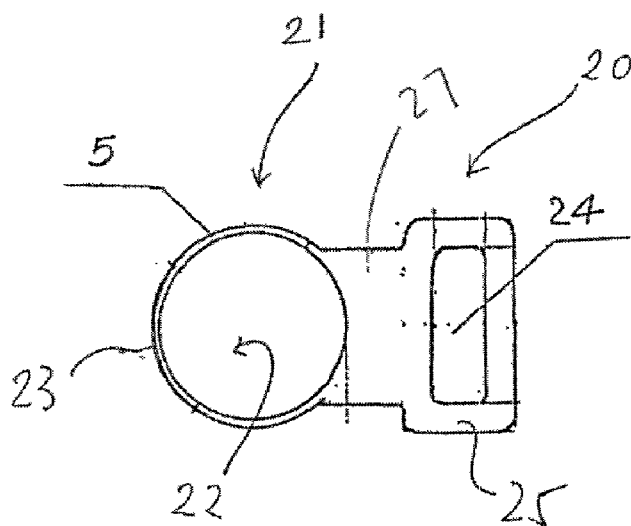


Fig. 2

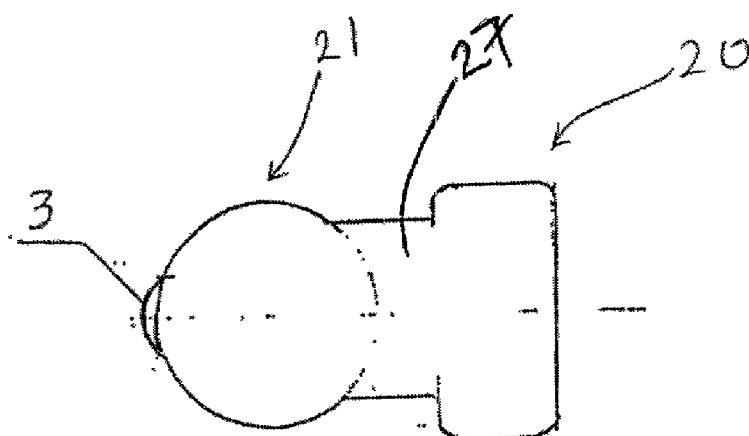


Fig. 3

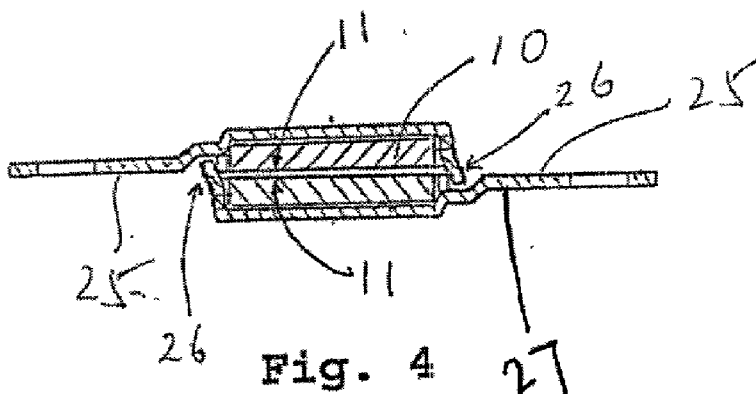


Fig. 4

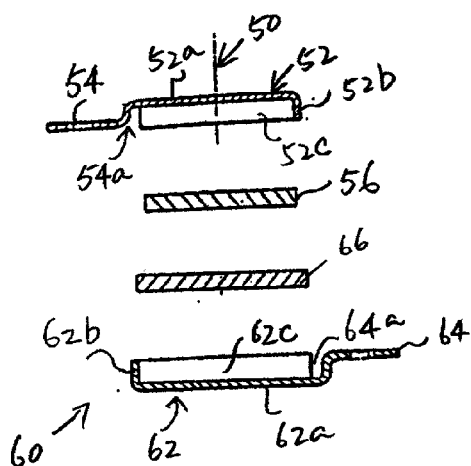


Fig. 5A

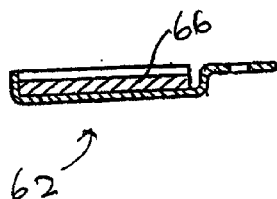


Fig. 5B

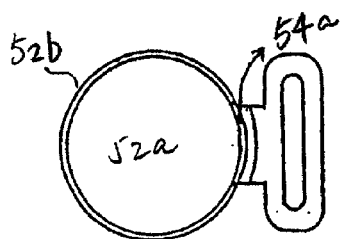


Fig. 5C

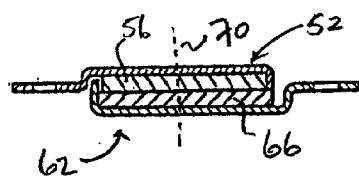


Fig. 5D

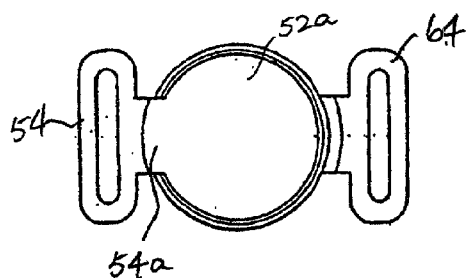


Fig. 5E

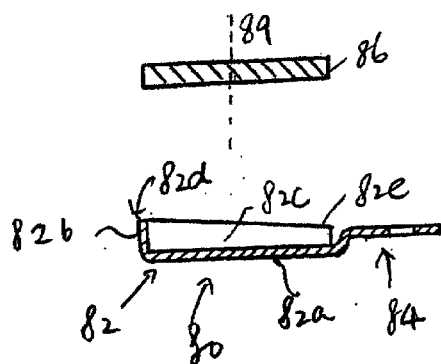


Fig. 6A

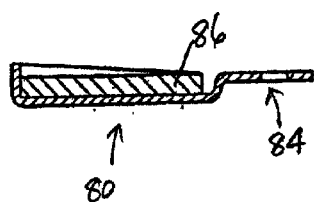


Fig. 6B

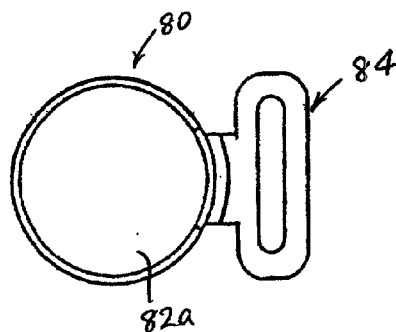


Fig. 6C

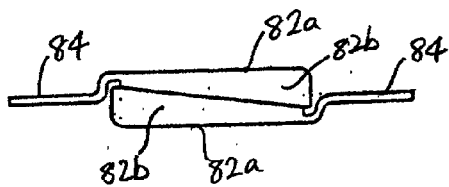


Fig. 6D

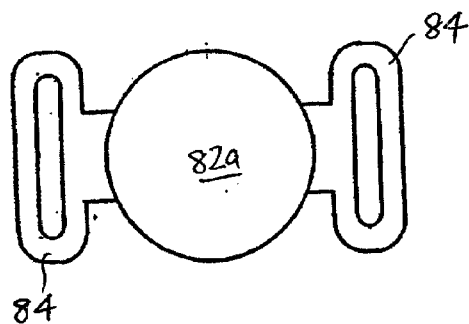


Fig. 6E

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