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Pfaff

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(54) **TEST MOUNTING FOR GRID ARRAY PACKAGES**

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(76) Inventor: **Wayne K. Pfaff**, 309 Steeplechase,
Irving, TX (US) 75062

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Primary Examiner—Ramon O. Ramirez
Assistant Examiner—A. Joseph Wujciak
(74) *Attorney, Agent, or Firm*—Dennis T. Griggs

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(57) **ABSTRACT**

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A simple, inexpensive burn-in and test mounting for high terminal density grid array packages is formed by a support base which carries a plurality of C-shaped spring finger contacts. One end of each spring finger contact is attached to the first face of the support base at the edge of a hole corresponding to the outline of the LGA package and extends through the hole. The contacts are curved so that the second end of each contact is supported above and spaced from the opposite side of the support base. Each spring finger is curved to define a knee which lies in a plane parallel with the faces of the support base. The spring fingers are arranged so that the knees are in register with lands on an LGA package. When the LGA package is moved toward the support base, the knees contact the lands on the LGA package. Electrical communication may be established with either end of the finger, thus permitting spreading of input/output terminal connections.

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(52) **U.S. Cl.** **248/618**
(58) **Field of Search** 248/618, 628,
248/635, 27.3, 346.02, 228.5

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5 Claims, 1 Drawing Sheet

