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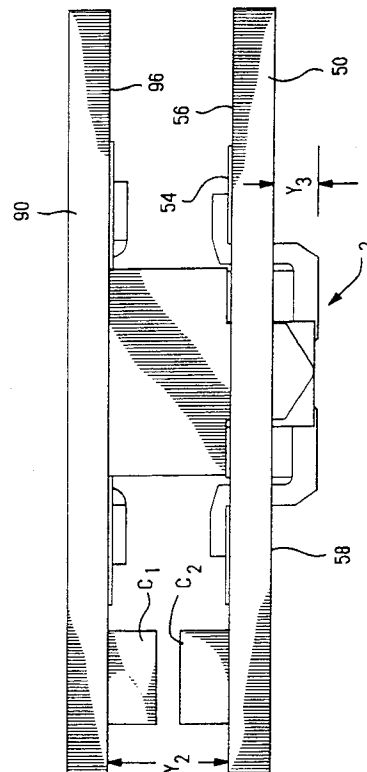
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(54) **Printed circuit board electrical connector.**

(57) An electrical connection system is comprised of male and female electrical connector members where the male (60) and female (2) electrical connector are electrically interconnected to printed circuit boards (50,90) where the printed circuit boards (50,90) are intended for parallel mounting relative to one another. To reduce the vertical distance between the facing surfaces of the electrical printed circuit boards, the printed circuit boards include apertures (52,82) at least partly through the facing surface of the printed circuit board, and the male and female electrical connectors (2,60) are recessed into the apertures (52,82) of the printed circuit boards (50,90). This reduces the distance between the upper face of the electrical connector and the corresponding upper surface of the printed circuit board thereby providing a more dense profile between the interconnected opposing printed circuit boards (50,90).



**FIG. 11**

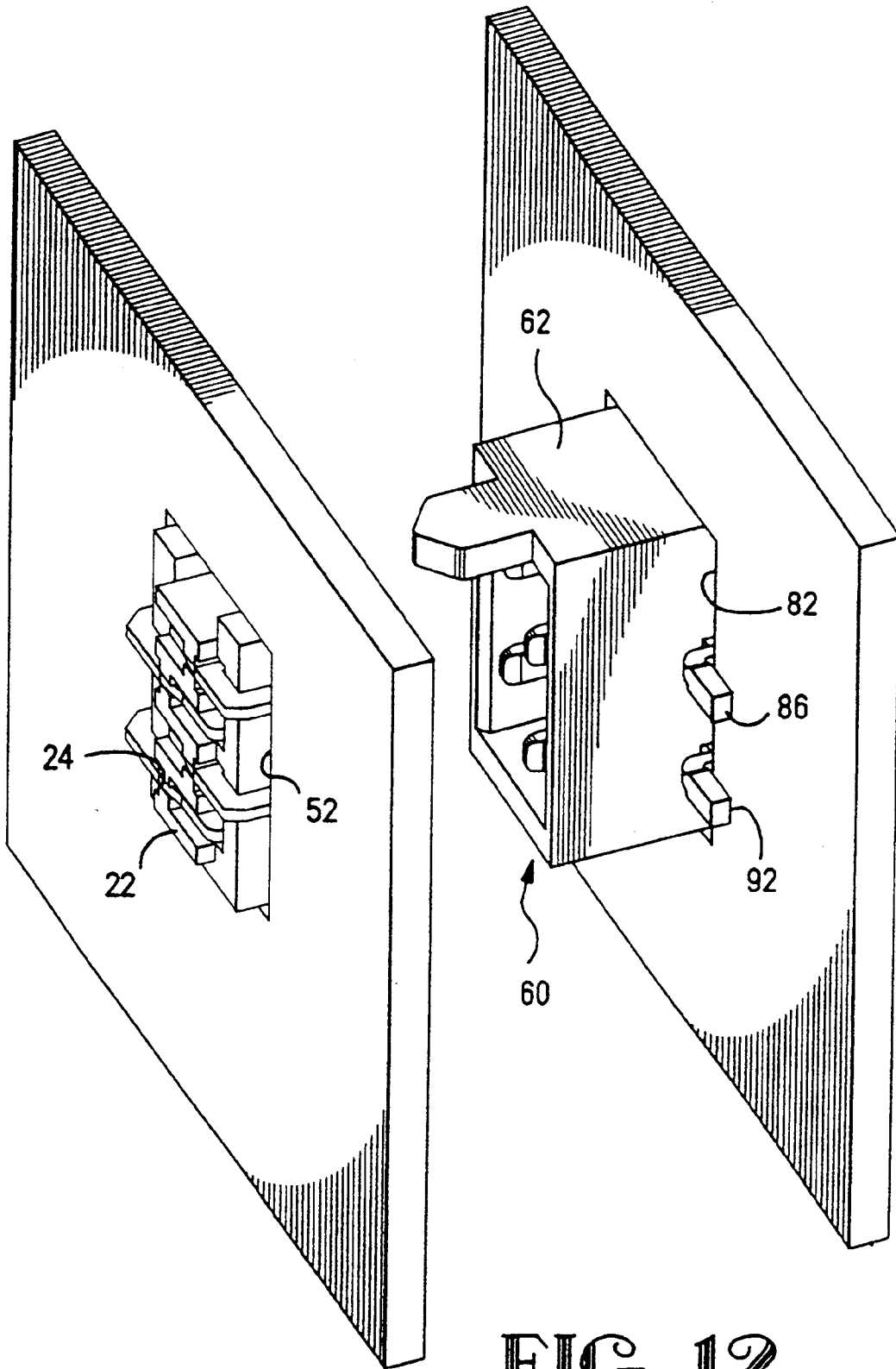


FIG. 12



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EUROPEAN SEARCH REPORT

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EP 92 30 9406

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	RESEARCH DISCLOSURE no. 269, September 1986, EMSWORTH, GB. page 516 'Molded Stackable Surface Mounted Connector'	1,2	H01R23/68
A	* the whole document * ---	3,4,8	
Y	GB-A-2 128 037 (CONTROL DATA)	1,2	
A	* abstract; figures 1-7 * -----	3,4	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R
Place of search THE HAGUE		Date of completion of the search 22 JULY 1993	Examiner DEMOLDER J.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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