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(54) **Method for connecting a loop antenna to a circuit board and an assembly thereof**

(57) A connector for use in connecting a loop antenna (32) to a circuit board (20) comprises two terminals (40) mounted in a housing (70). The ends (34,36) of the antenna are blade-like and the terminals include receptacles (44) for receiving the blade-like antenna ends. The terminals (40) are secured together by means of the housing (70) which isolates the terminals from one another and holds them together as a unit. The housing supports the terminals in mutually spaced relation cor-

responding to the spacing of circuit termini (24) on the board (20) to which the terminals are to be connected. A predetermined amount of solder (28) is disposed on each of the circuit termini, whereafter the terminals can be automatically positioned on the respective termini by means of the housing and be secured to the termini at the same time as other components, in a reflow soldering process. Subsequently, the ends (34,36) of the antenna are mated with the receptacles of the terminals.

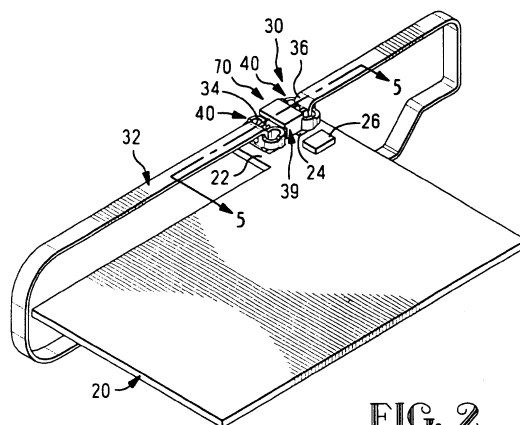
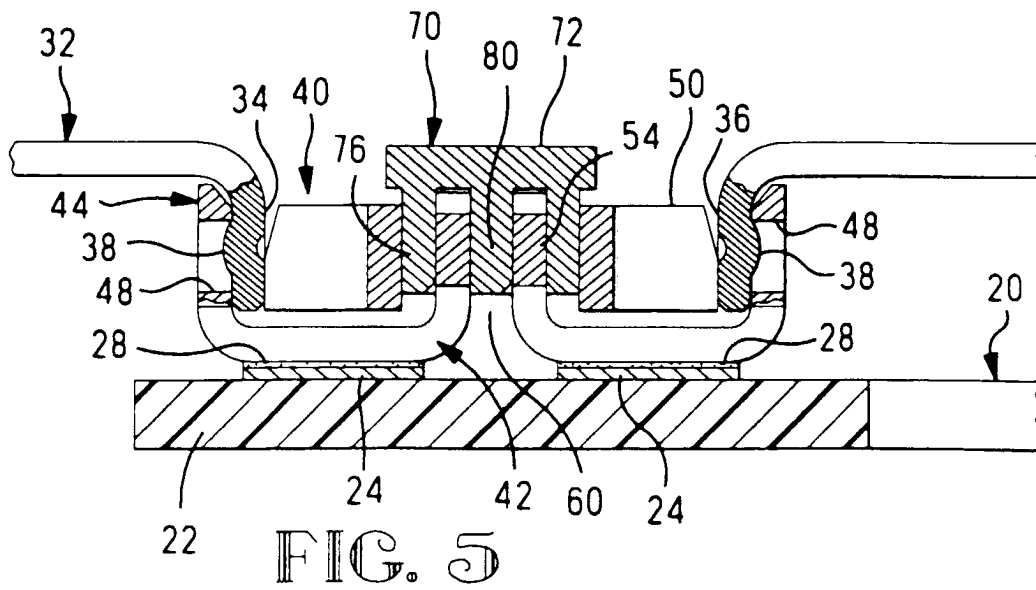


FIG. 2





European Patent
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EUROPEAN SEARCH REPORT

Application Number
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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.6)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 August 2000	Examiner Criqui, J-J
CATEGORY OF CITED DOCUMENTS 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	

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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