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Boys

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(54) **COMMUNICATION APPARATUS AND METHOD**

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(73) Assignee: **Auckland Uniservices Limited, Auckland (NZ)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 832 days.

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H04B 1/38 (2006.01)

(52) **U.S. Cl.**
USPC **455/73**

(58) **Field of Classification Search**
USPC 455/41.1, 41.2, 41.3
See application file for complete search history.

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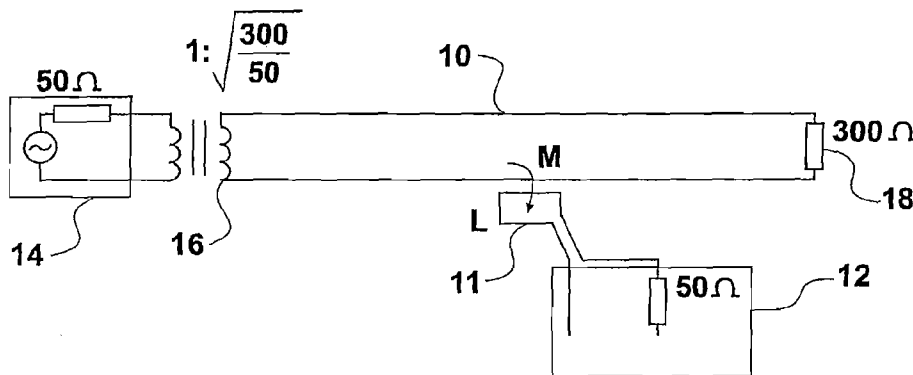
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(57) **ABSTRACT**

A communication apparatus comprises a communication path capable of conveying communication signals, a communication device adapted to receive or generate VHF or UHF communication signals, and a near field antenna associated with the communication device. The near field antenna is provided sufficiently near to the communication path to couple VHF or UHF communication signals to or from the communication device to the communication path. A HID/IPT system and a communication method are also provided.

33 Claims, 4 Drawing Sheets



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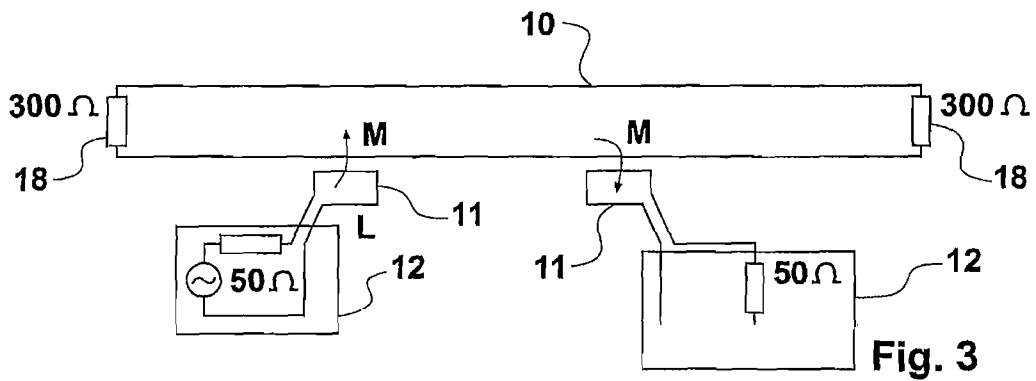
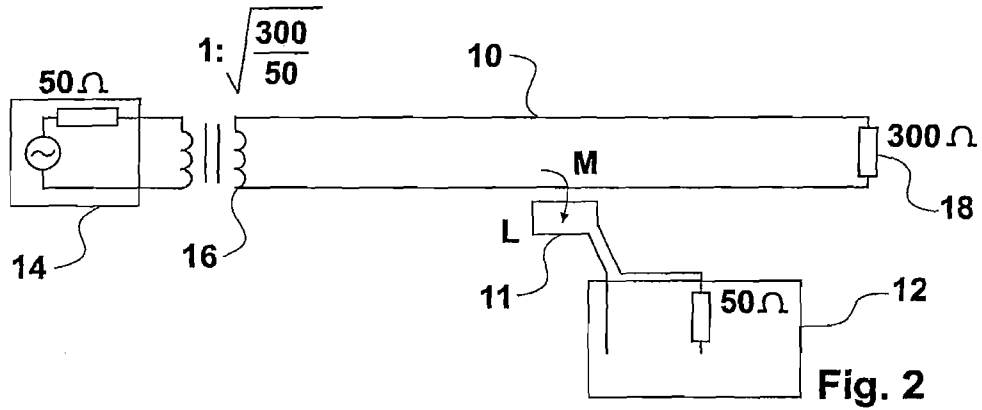
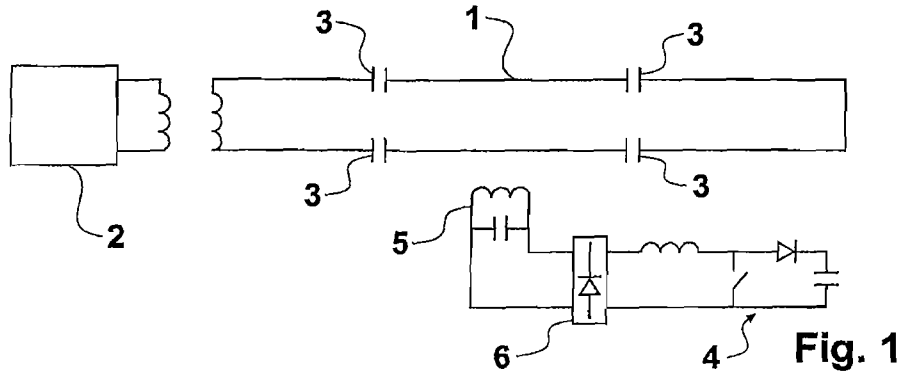
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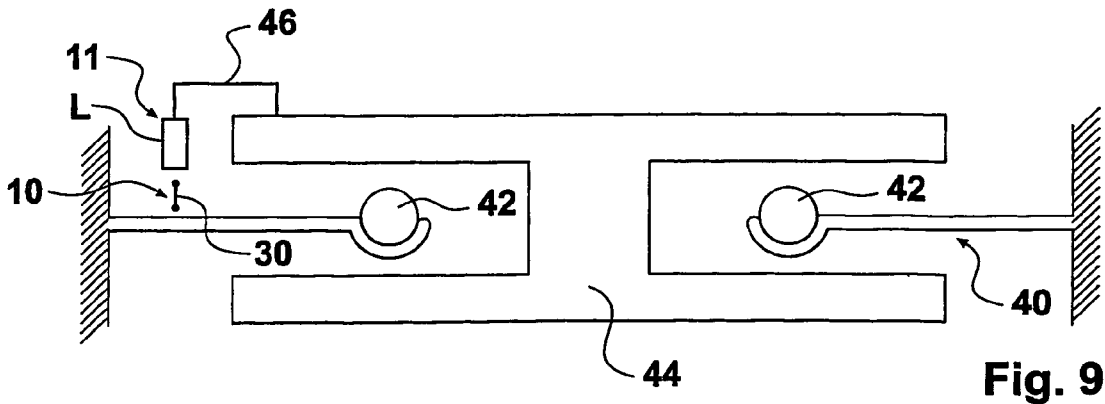
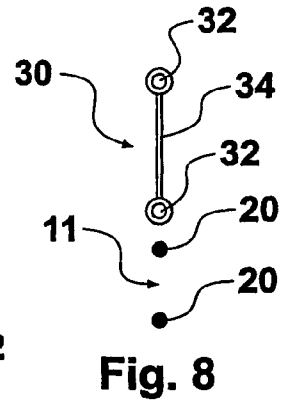
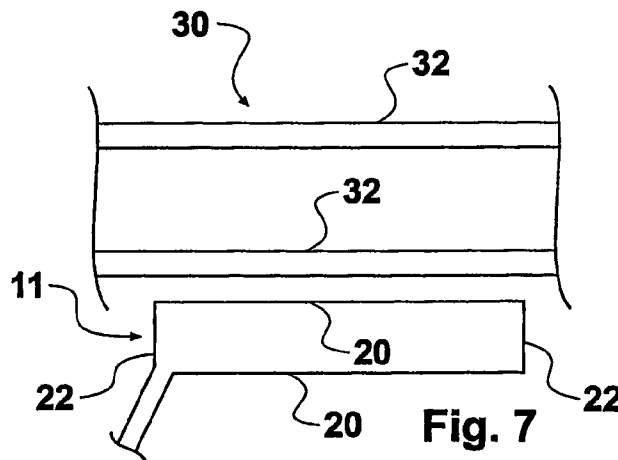
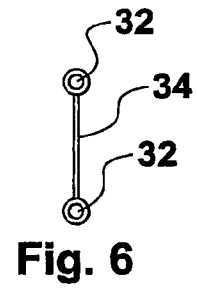
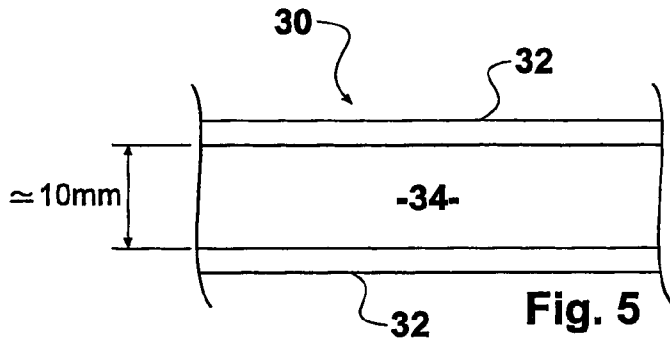
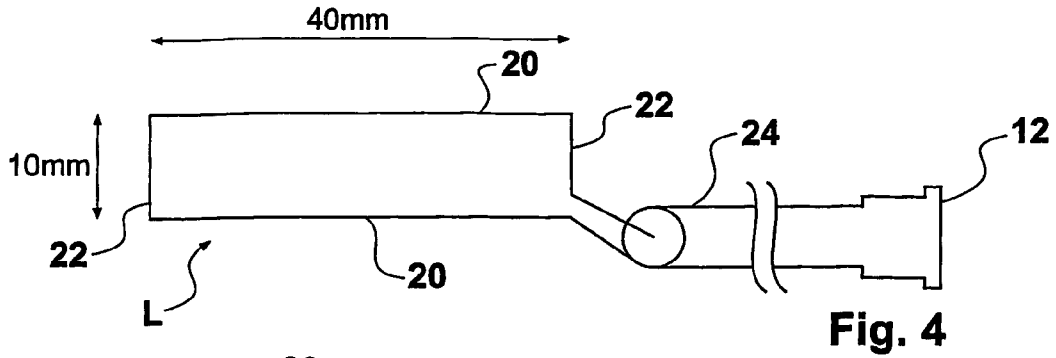
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PRIOR ART





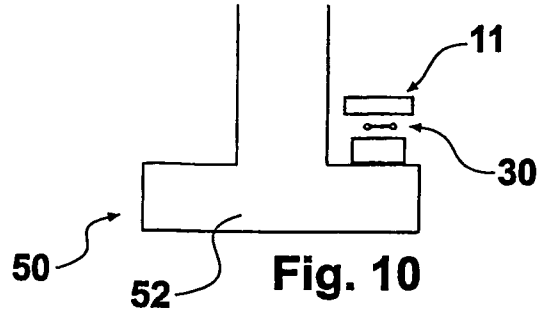


Fig. 10

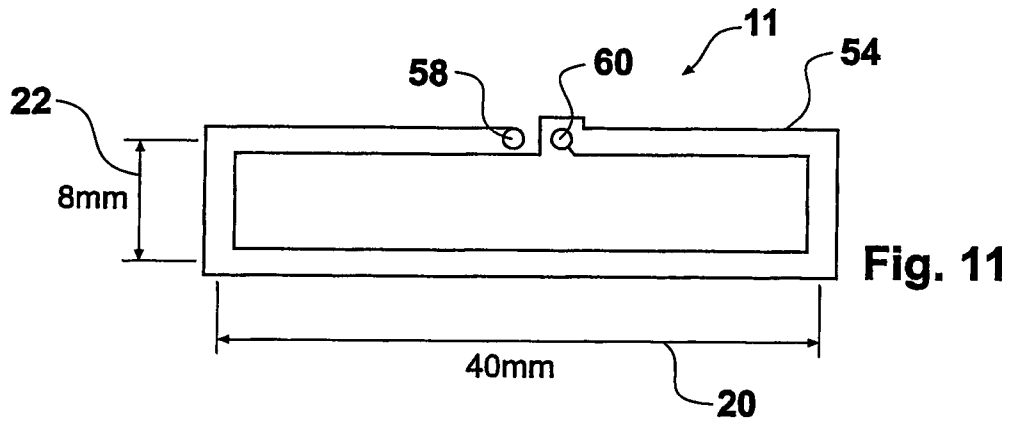


Fig. 11

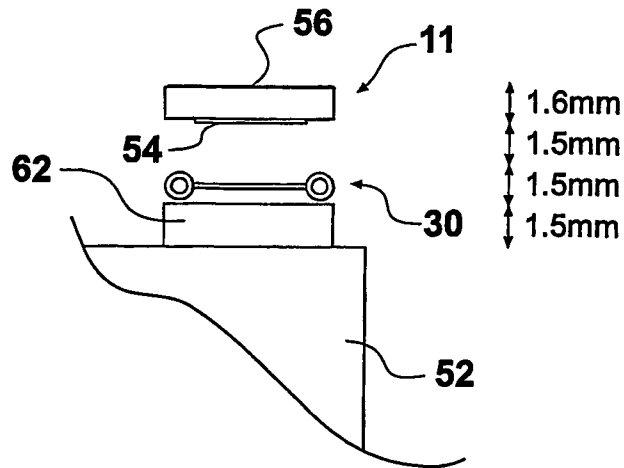


Fig. 12

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