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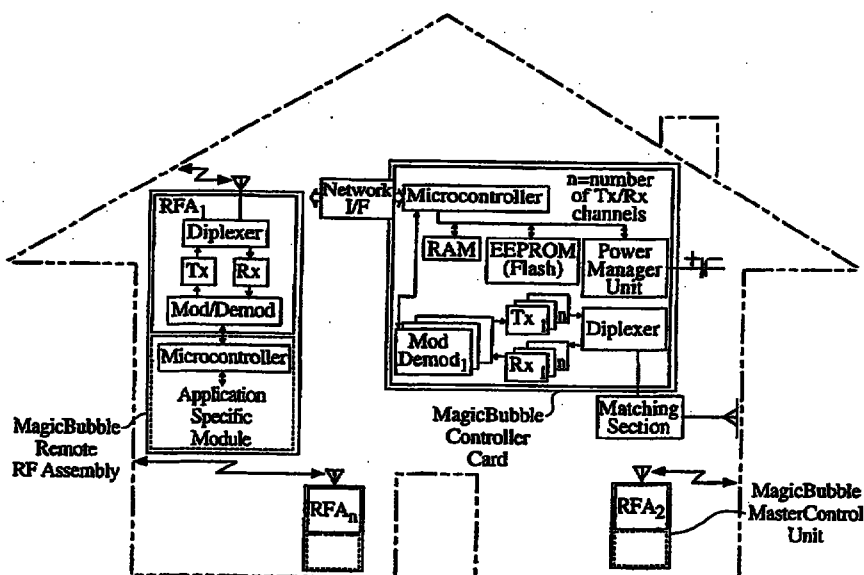
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(54) Title: ELECTROMAGNETIC FIELD IN A COMMUNICATIONS SYSTEM FOR WIRELESS NETWORKS



(57) Abstract: The invention is utilized to generate electromagnetic fields (20) within a building or structure (10). Conductors (14) within the building or structure (10) are used as an exciter to create a localized quasi-static electromagnetic field (20) that may be used to connect a wide variety of devices without wires and without suffering undue interference from external noise.

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