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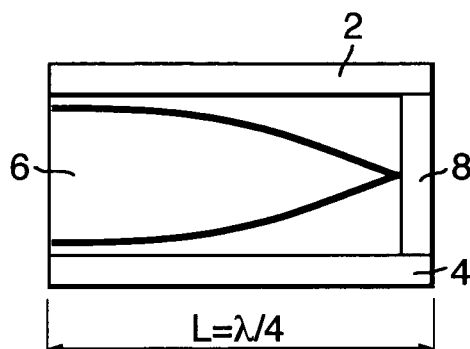
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(54) Title: ELECTROMAGNETIC RADIATION ENHANCEMENT AND DECOUPLING



(57) Abstract: Apparatus and methods for providing a substantially surface independent tagging system are disclosed. A resonant dielectric cavity (6) is defined between upper (2) and lower (4) conducting layers, and closed at one end by a conducting base portion (8). Incident radiation couples into the cavity and is resonantly enhanced. An electronic device or tag placed at the edge of the cavity experiences a high electric field strength on account of this enhancement and is driven into operation.