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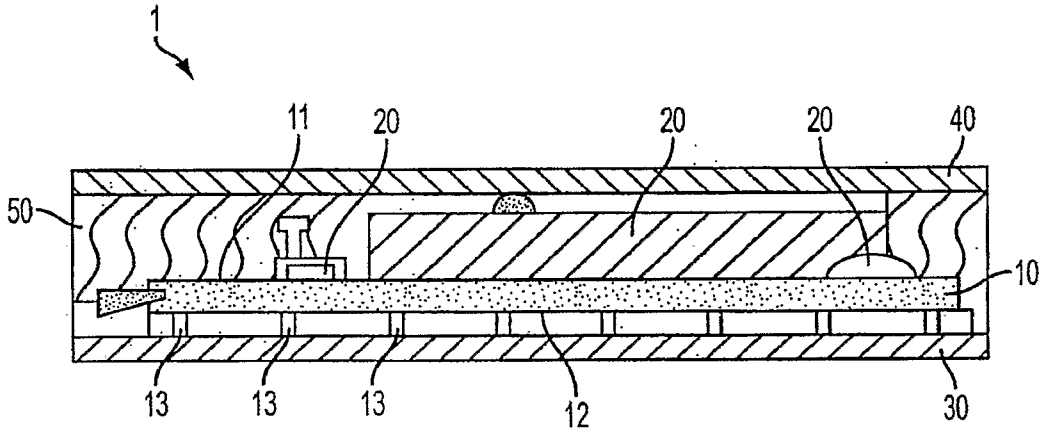
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(54) **Title:** AN EMBEDDED ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING AN EMBEDDED ELECTRONIC DEVICE



(57) **Abstract:** An embedded electronic device (1) and a method for manufacturing the same wherein the embedded electronic device (1) is composed of a printed circuit board (10), having a top surface (11) and a bottom surface (12), a plurality of circuit components (20) attached to the top surface (11) of the printed circuit board (10) having a plurality of standoffs (13) on the bottom surface (12) of the printed circuit board (10), a bottom overlay (30) attached to the bottom surface of the printed circuit board (10), a top overlay (40) positioned above the top surface of the printed circuit board (10) and a core layer (50) positioned between the top surface (11) of the printed circuit board (10) and the top overlay (40).

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