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(54) **EMI SHIELD INCLUDING A LOSSY MEDIUM**

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(75) Inventors: **Philip van Haaster**, Corona, CA (US);  
**Edward Nakauchi**, Westminste, CA (US); **Richard Norman Johnson**, Encinitas, CA (US)

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(57) **ABSTRACT**

Lossy materials can be used to suppress EMI transmission. Disclosed are methods for applying lossy materials to EMI shielded enclosures to improve EMI shielding effectiveness and the EMI shielded enclosures so produced. In some embodiments, the EMI shielded enclosure includes a printed-circuit board mountable device. In one embodiment, lossy material can be applied to the interior of an EMI shielded enclosure using an adhesive. In another embodiment, lossy materials can be applied to the exterior of the EMI enclosure to suppress EMI incident upon the EMI shielded enclosure, thereby reducing the susceptibility of electronics contained within the EMI shielded enclosure. In yet another embodiment, lossy materials can be applied to both the interior and exterior of the EMI enclosure.

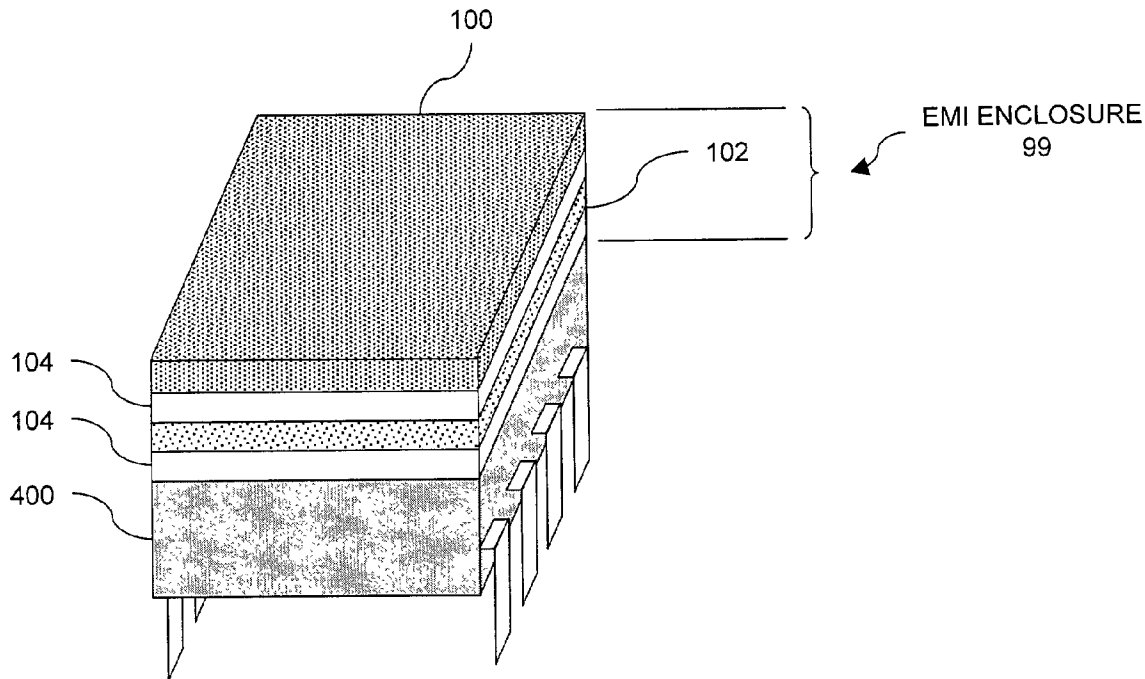
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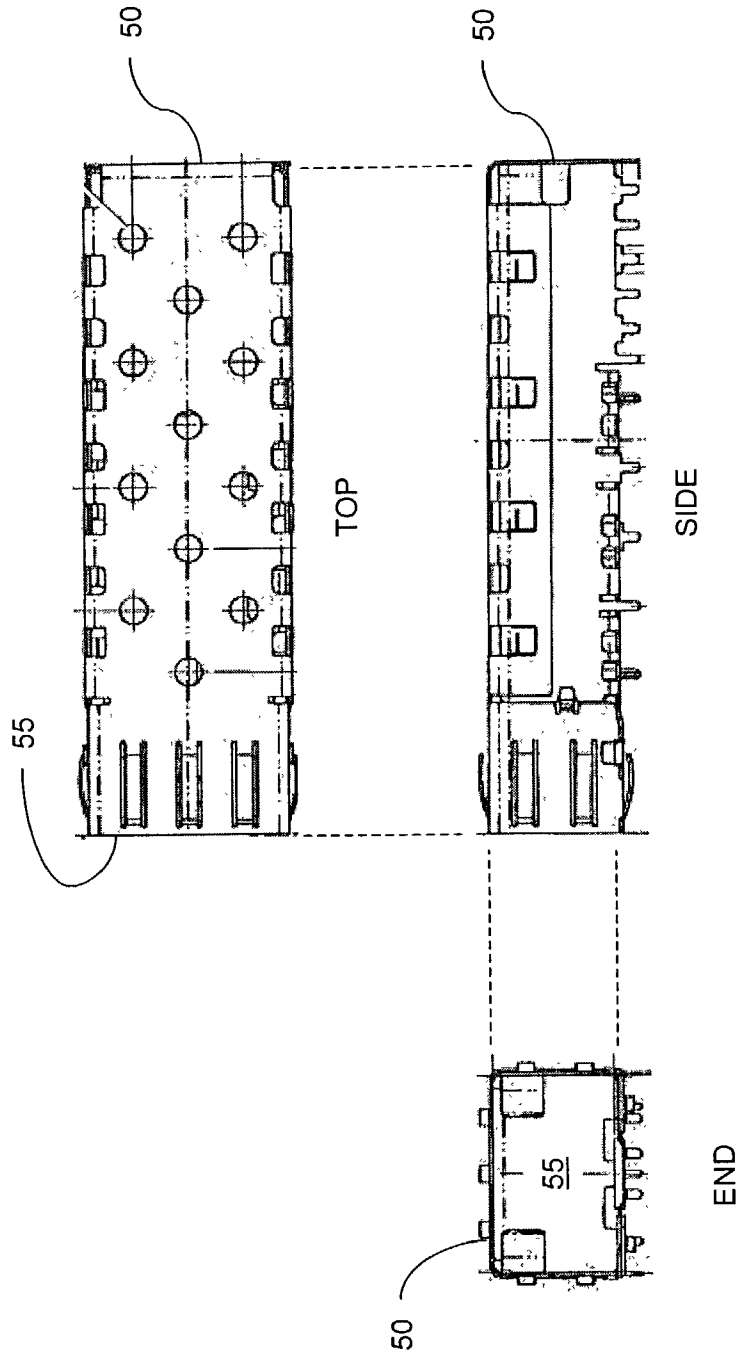
**TESTA, HURWITZ & THIBEAULT, LLP**  
**HIGH STREET TOWER**  
**125 HIGH STREET**  
**BOSTON, MA 02110 (US)**

(73) Assignee: **LAIRD TECHNOLOGIES, INC.**,  
DELAWARE WATER GAP, PA

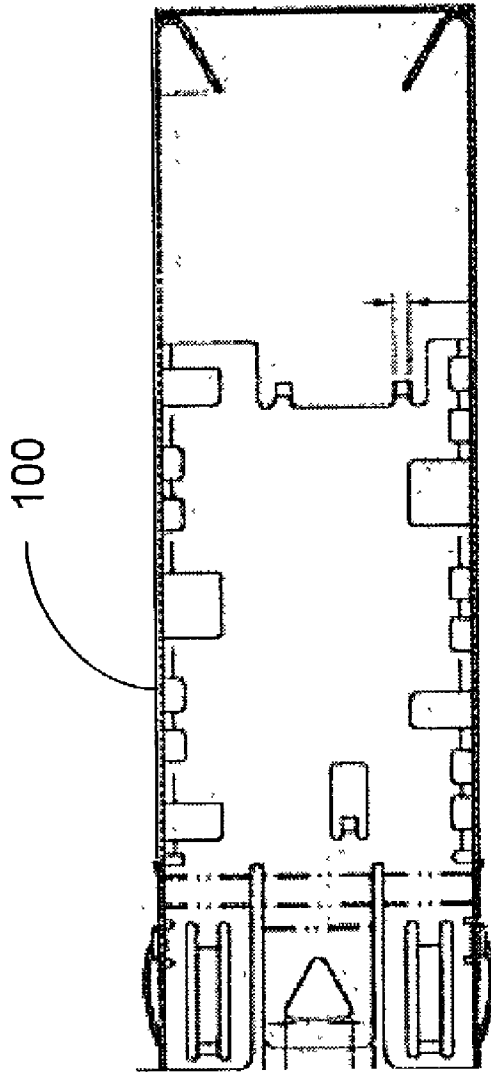
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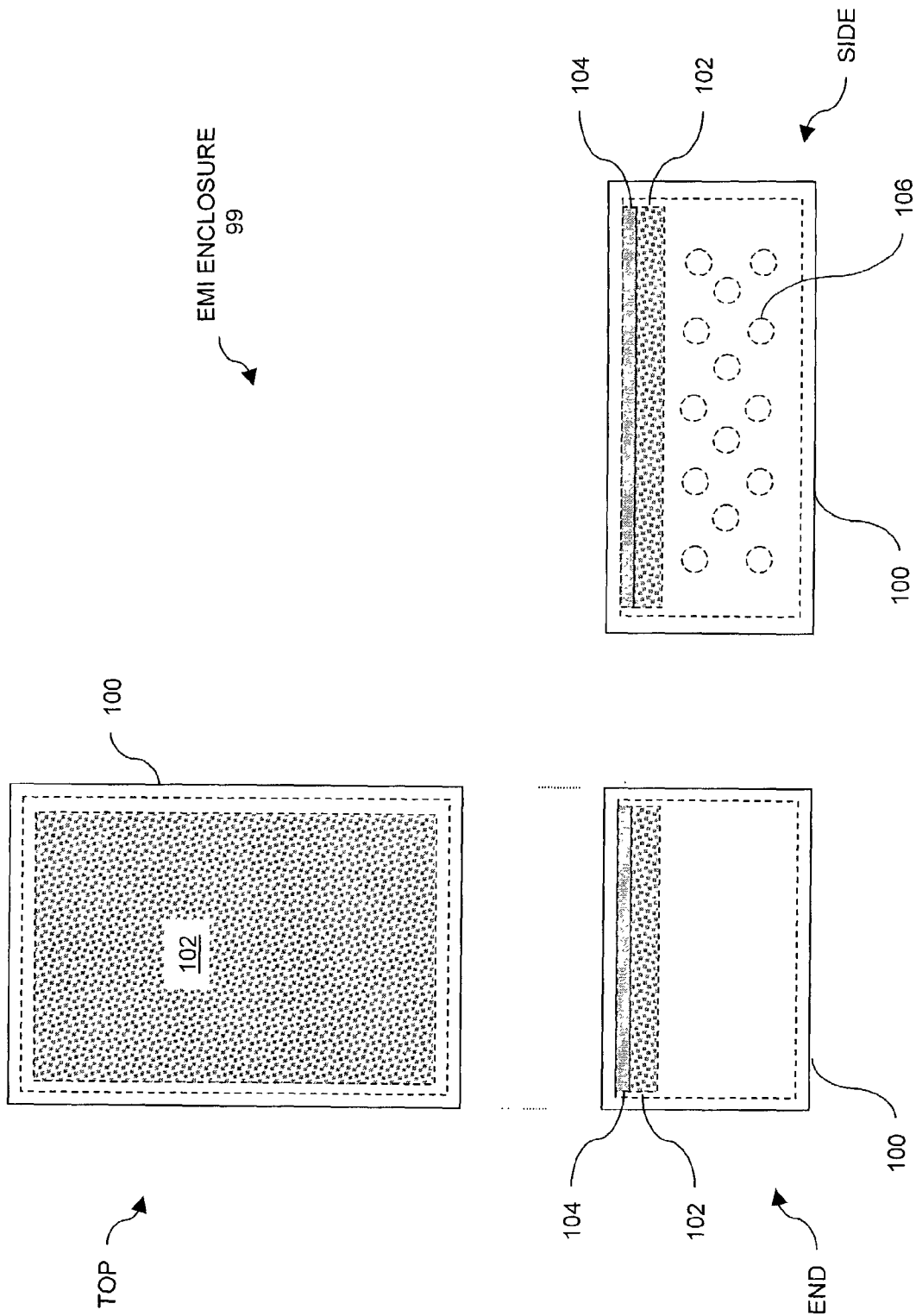


**FIG. 1A**

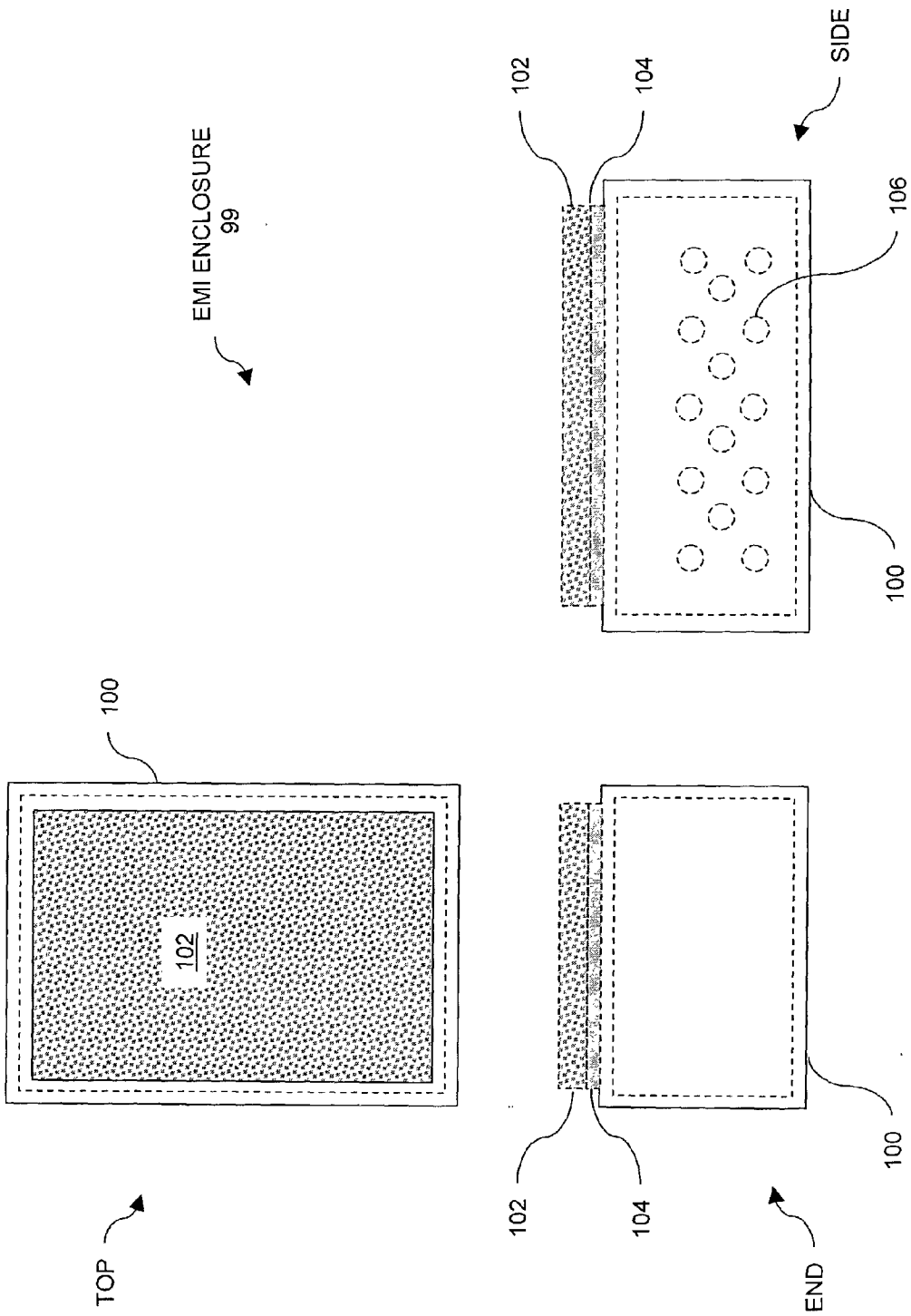


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**FIG. 1B**



**FIG. 2A**



**FIG. 2B**

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