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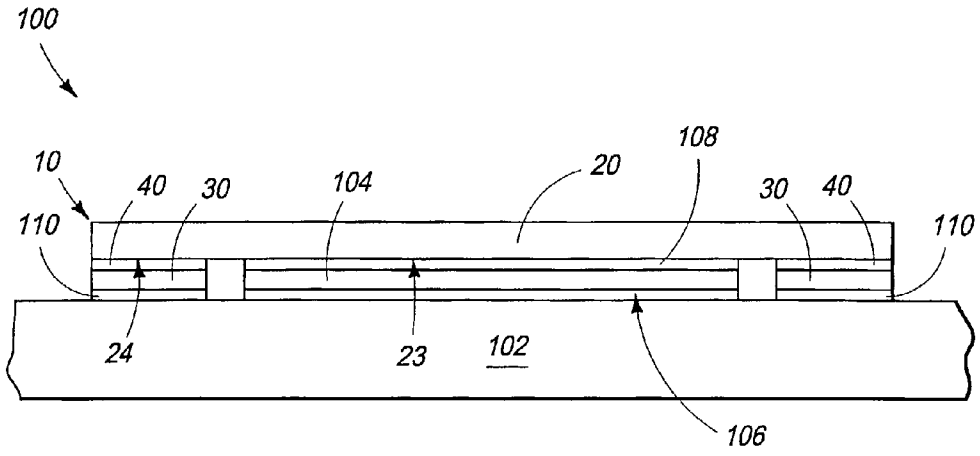
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(54) Title: HEAT SPREADER CONSTRUCTIONS, INTEGRATED CIRCUITRY, METHODS OF FORMING HEAT SPEADER CONTRUICTIONS, AND METHODS OF FORMING INTEGRATED CIRCUITRY



(57) Abstract: The invention includes a heat spreader (10) having a base (20) which has a perimeter surface surrounding a heat-receiving region. A frame portion (30) interfaces the perimeter surface and has an opening traversing a thickness of the frame (30). The invention includes a method of forming a heat spreader construction by forming a base portion (20) having a perimeter region surrounding a heat-receiving surface. An independent frame portion (30) is joined to the base portion (20). The invention includes integrated circuitry (104) having a heat spreader construction (10) in thermal communication with a heat-generating device (104). The heat spreader (10) has a base (20) having a heat-receiving surface and a perimeter surface which interfaces a frame portion (30). The invention includes methodology for forming integrated circuitry which includes providing an integrated circuitry board (102) having a heat generating device (104) mounted thereon, and providing a multi-part heat spreader (10) in thermal communication with the heat-generating device (104).

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