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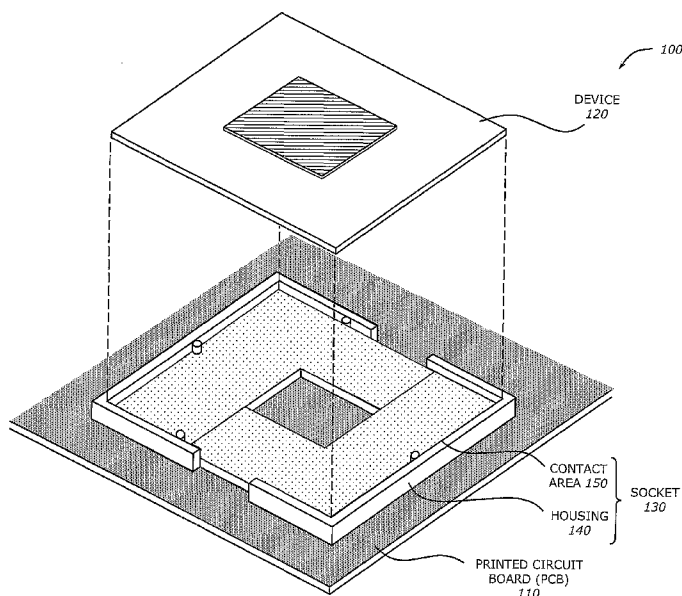
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(54) Title: SELF-BALANCED DUAL L-SHAPED SOCKET



(57) Abstract: An embodiment of the present invention is a Land Grid Array (LGA) socket. A first L-shaped area has a first center, a first outer long side, and a first outer short side. The first L-shaped area contains a first set of contacts oriented in a first direction. A second L-shaped area has a second center, a second outer long side, and a second outer short side and is located symmetrically to the first L-shaped area. The second L-shaped area contains a second set of contacts oriented in a second direction opposite to the first direction such that pressing a device on the first and second sets of contacts results in approximately zero force and moment.

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