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**1)KILLAKATHU RAMANATHAN BABU**

(57) Abstract :

SEAL ASSEMBLY FOR A PNEUMATIC VACUUM ELEVATOR A seal assembly for a pneumatic vacuum elevator is disclosed. The seal assembly comprises an elevator cabin structural sealing plate. The elevator cabin structural sealing plate is adapted to fit over a top portion of a cylindrical elevator cabin. The elevator cabin structural sealing plate is characterised by a top plate, a seal cover outer plate, a plurality of U-shaped corner plates, a set of reinforcement bars, at least one bumper and liner plates. Mechanical coupling of the plurality of U-shaped corner plates, the set of reinforcement bars, at least one bumper and liner plates allow easy movement of an elevator cabin through the elevator cylinder without vibrations. FIGs. 3(a) & 4(b)

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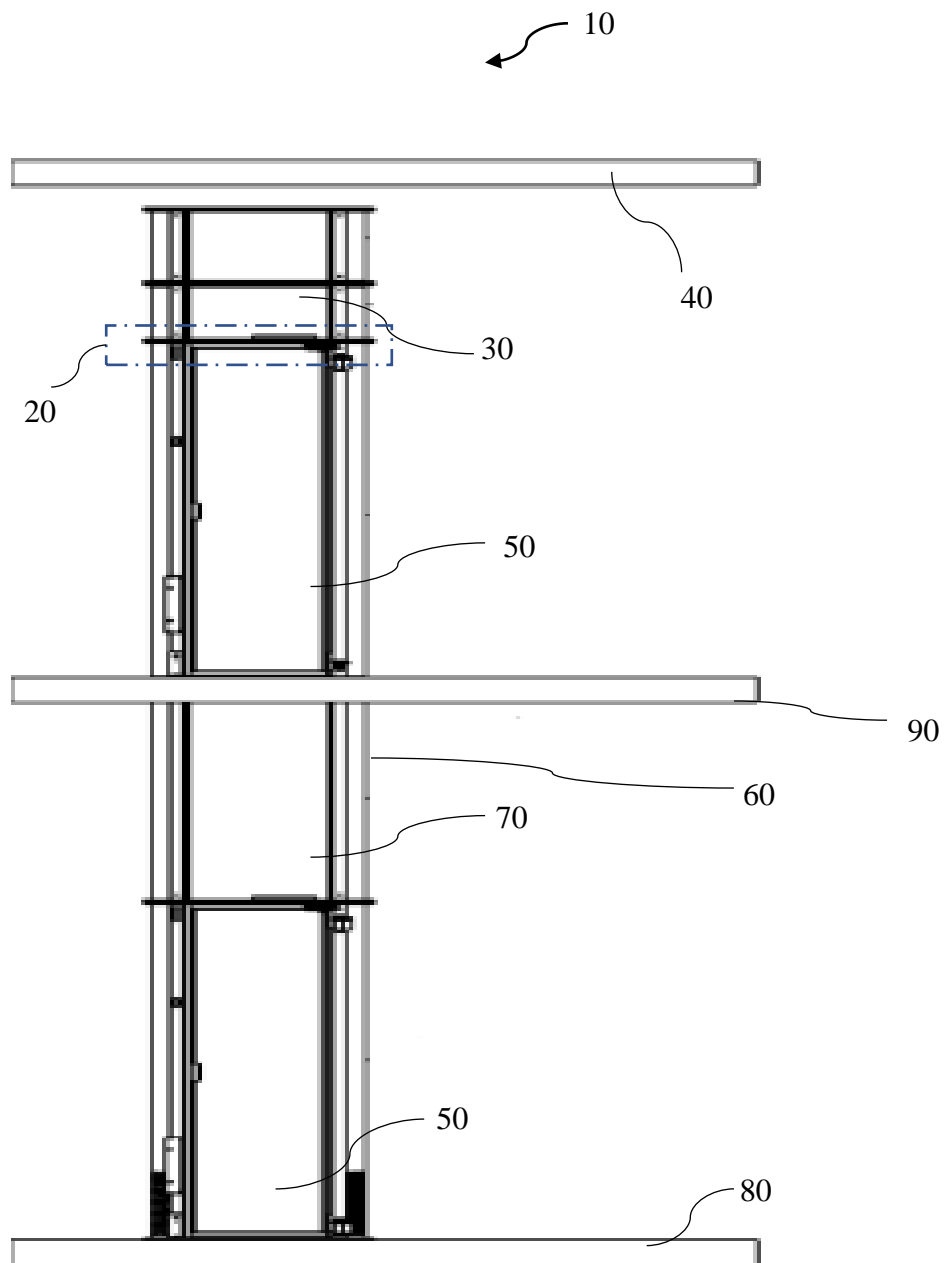


FIG. 1

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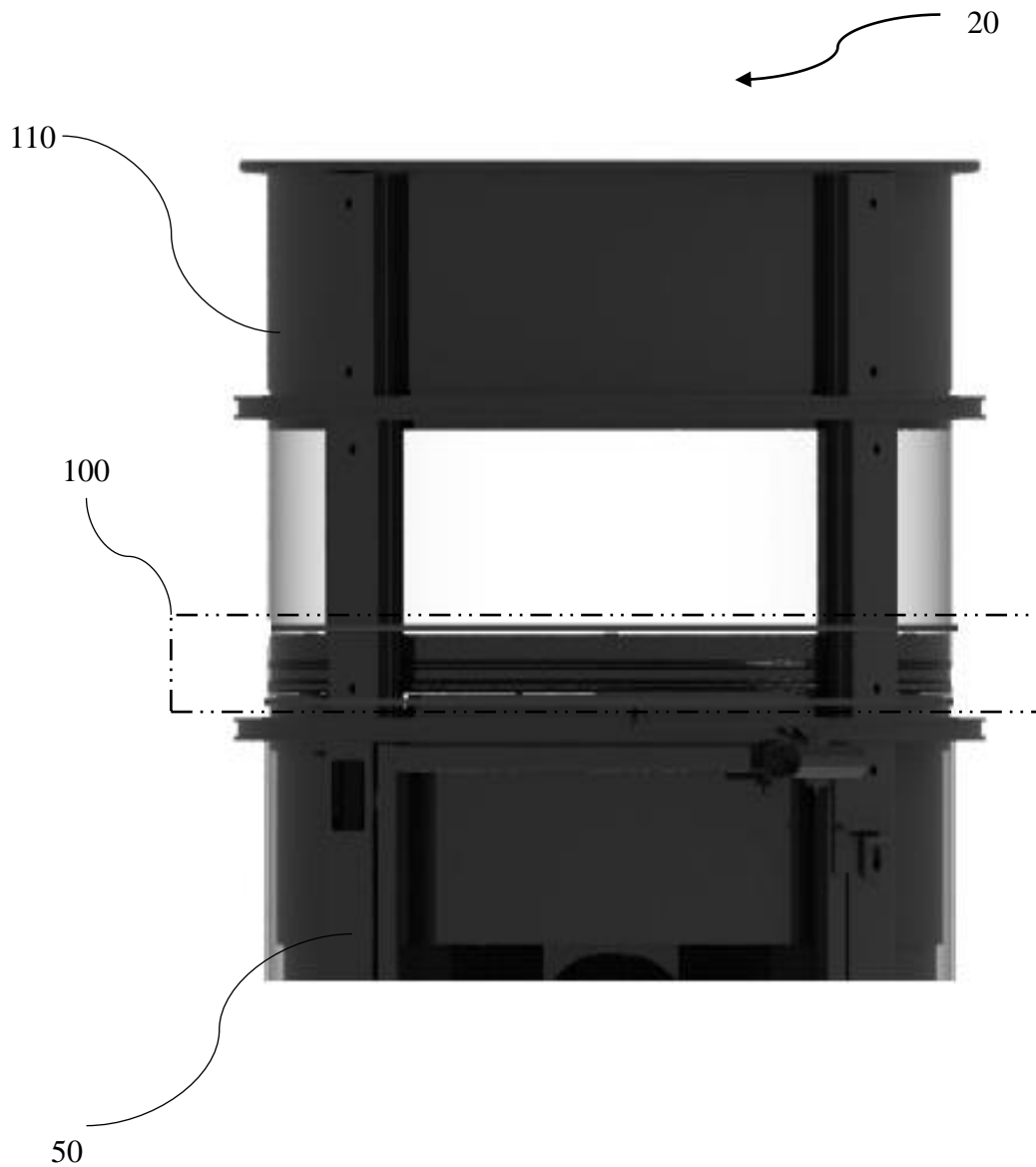


FIG. 2

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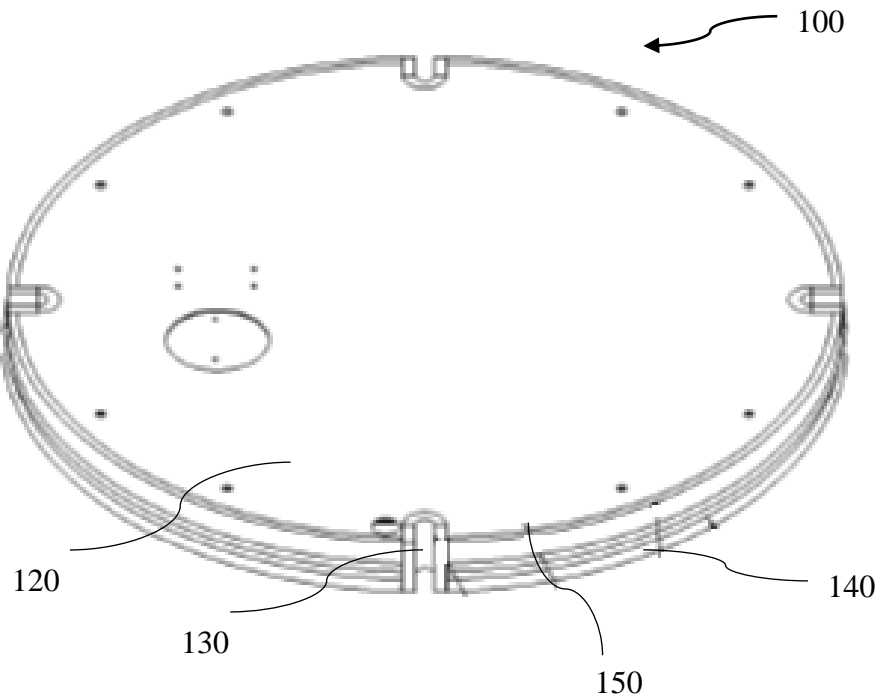


FIG. 3 (a)

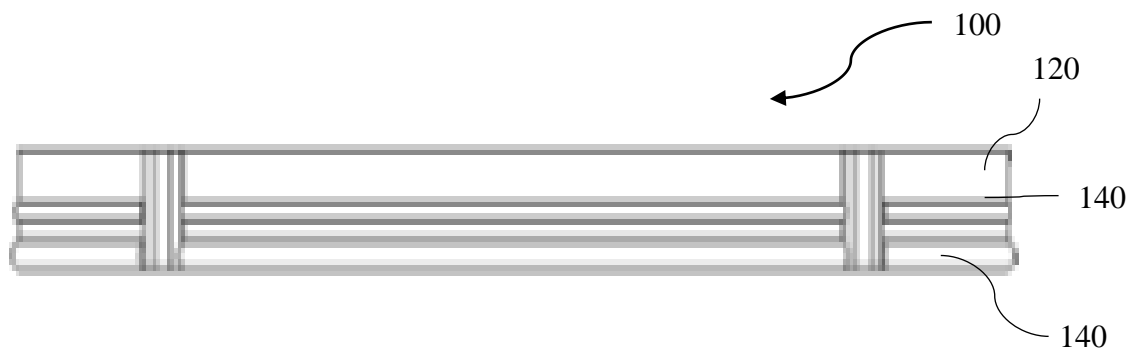


FIG. 3 (b)

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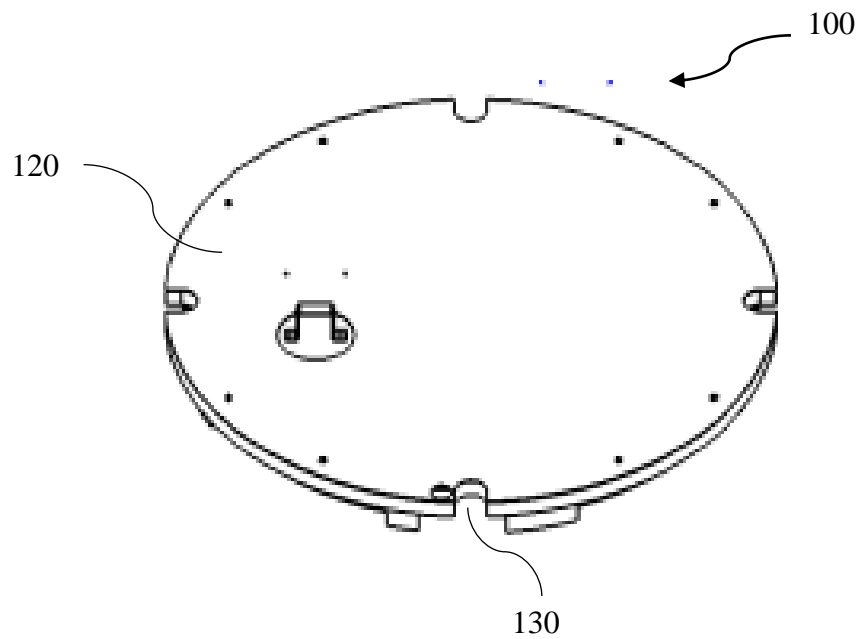


FIG. 4 (a)

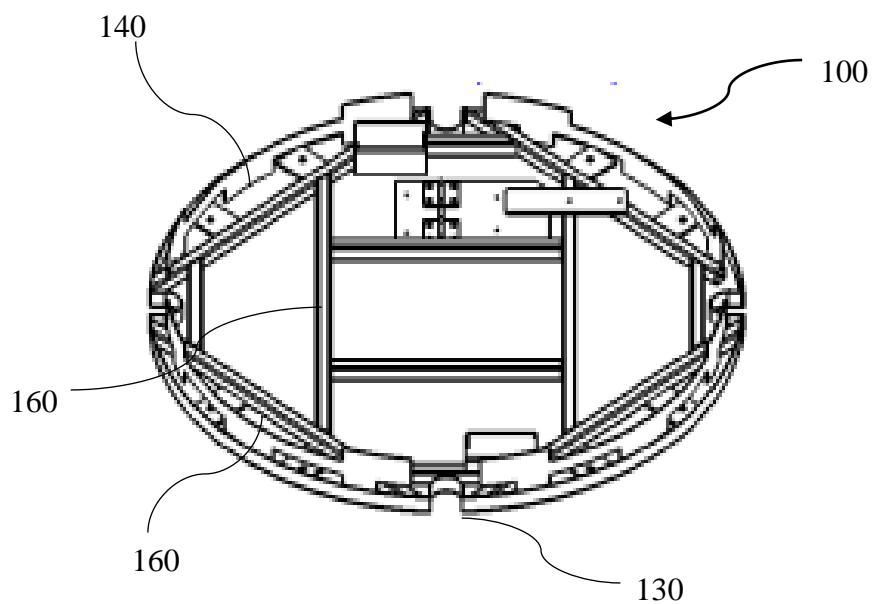


FIG. 4 (b)

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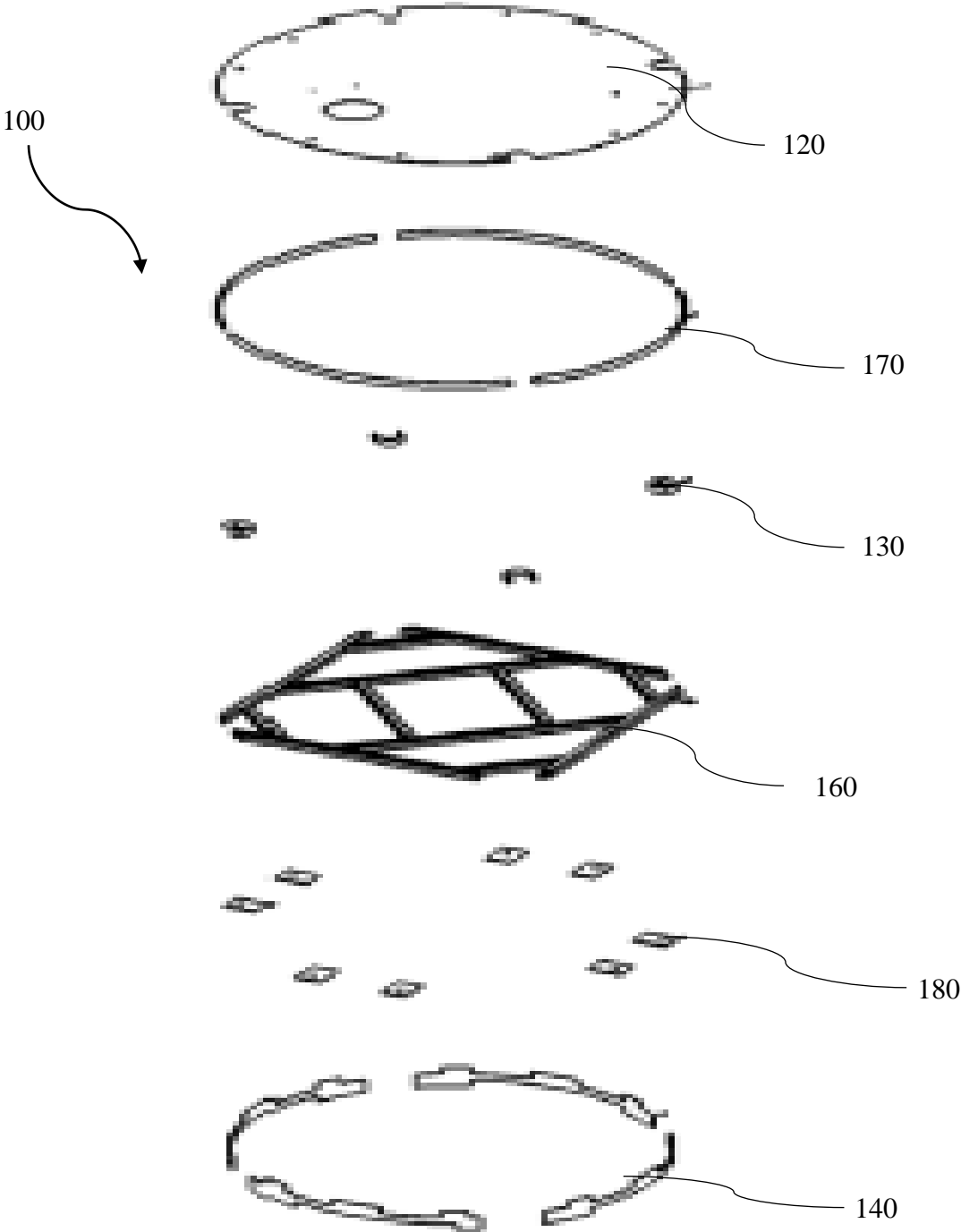
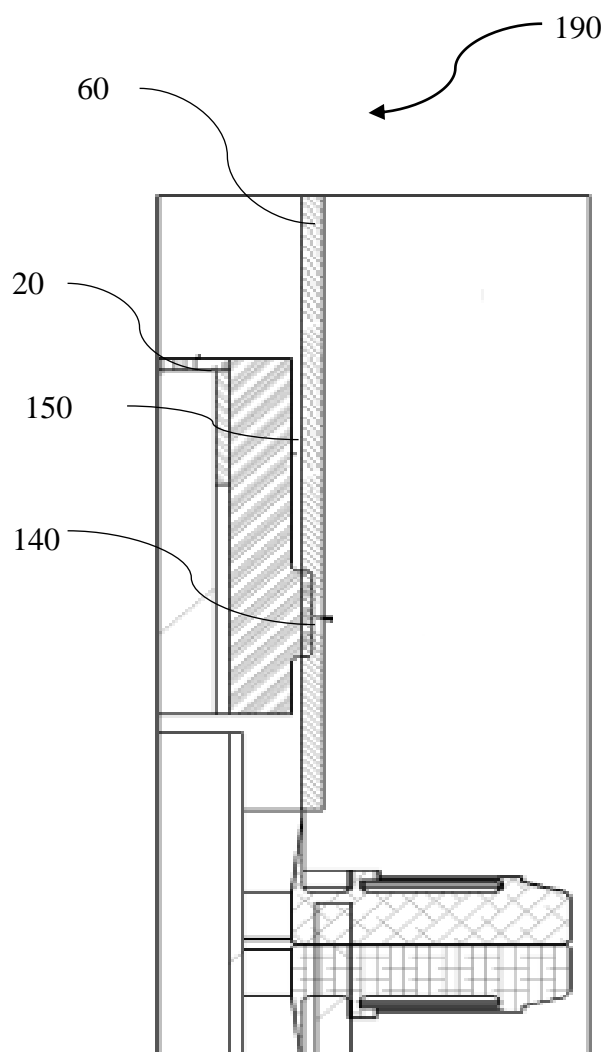
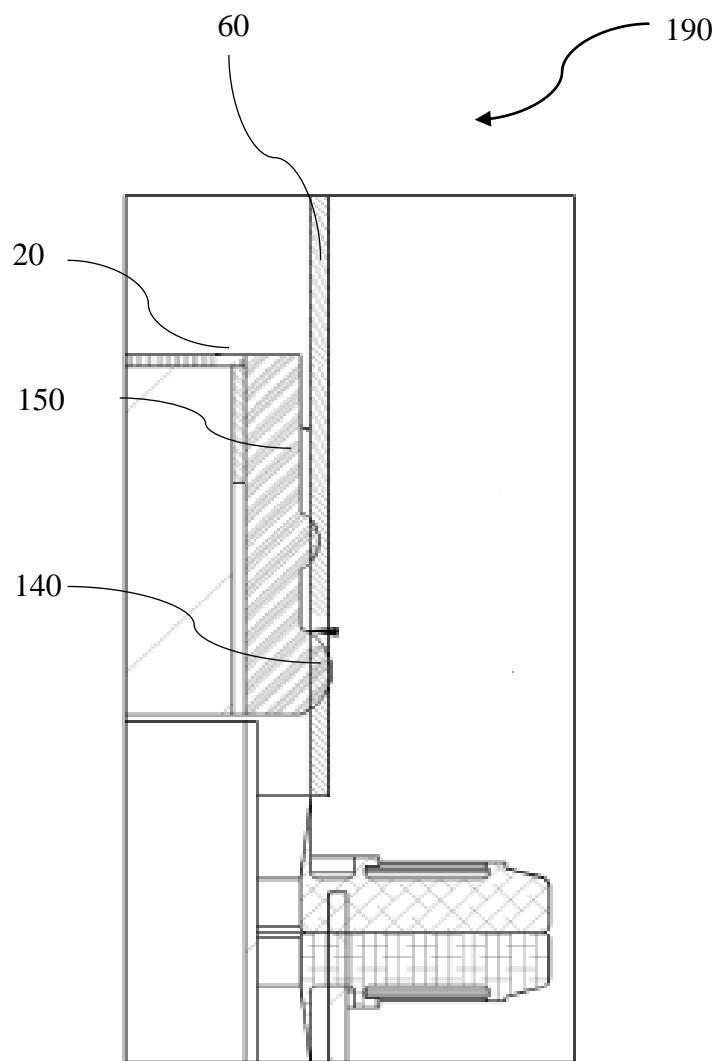


FIG. 5

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