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(57) Abstract :

OVERLOAD VALVE ASSEMBLY FOR A PNEUMATIC VACUUM ELEVATOR ABSTRACT An overload valve assembly for a pneumatic vacuum elevator is disclosed. The overload valve assembly for a pneumatic vacuum elevator is characterised by a fastening means, a pad with a centre hole, an arresting plate with a centre hole, a disc plate with a centre hole, a bottom bush, a spring and a top bush bounded with a nut. Here, the pad, the arresting plate, the disc plate, the bottom bush, the spring and the top bush bounded with the nut is fitted over the fastening means. The overload valve unit is configured to function based on spring actuation mechanism and ensure the maximum permissible limit of pay load in the elevator cabin assembly. FIG. 1 & FIG. 4

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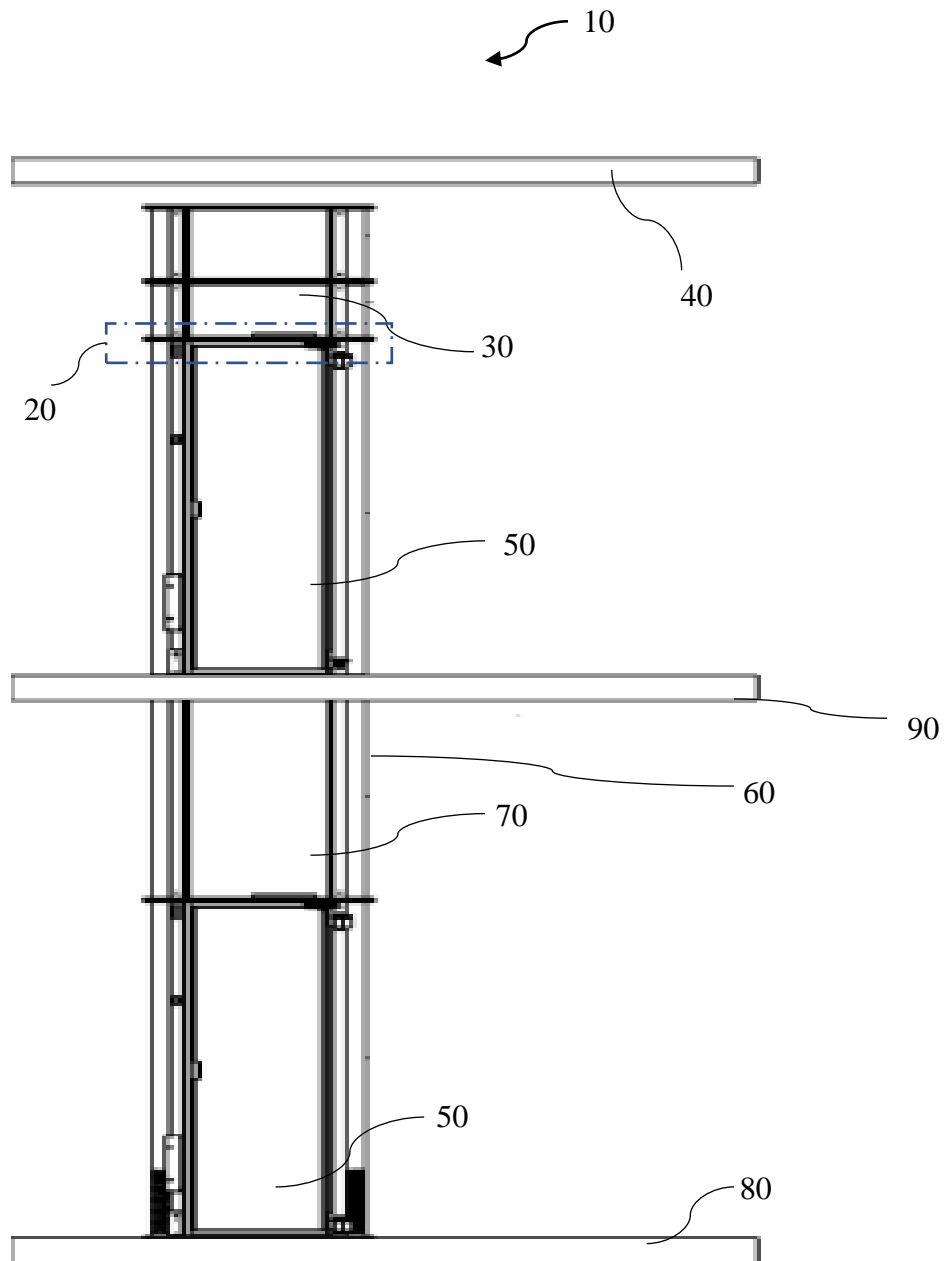


FIG. 1

Signature

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Total No. of sheets: 6
Sheet No.: 2 of 6



3

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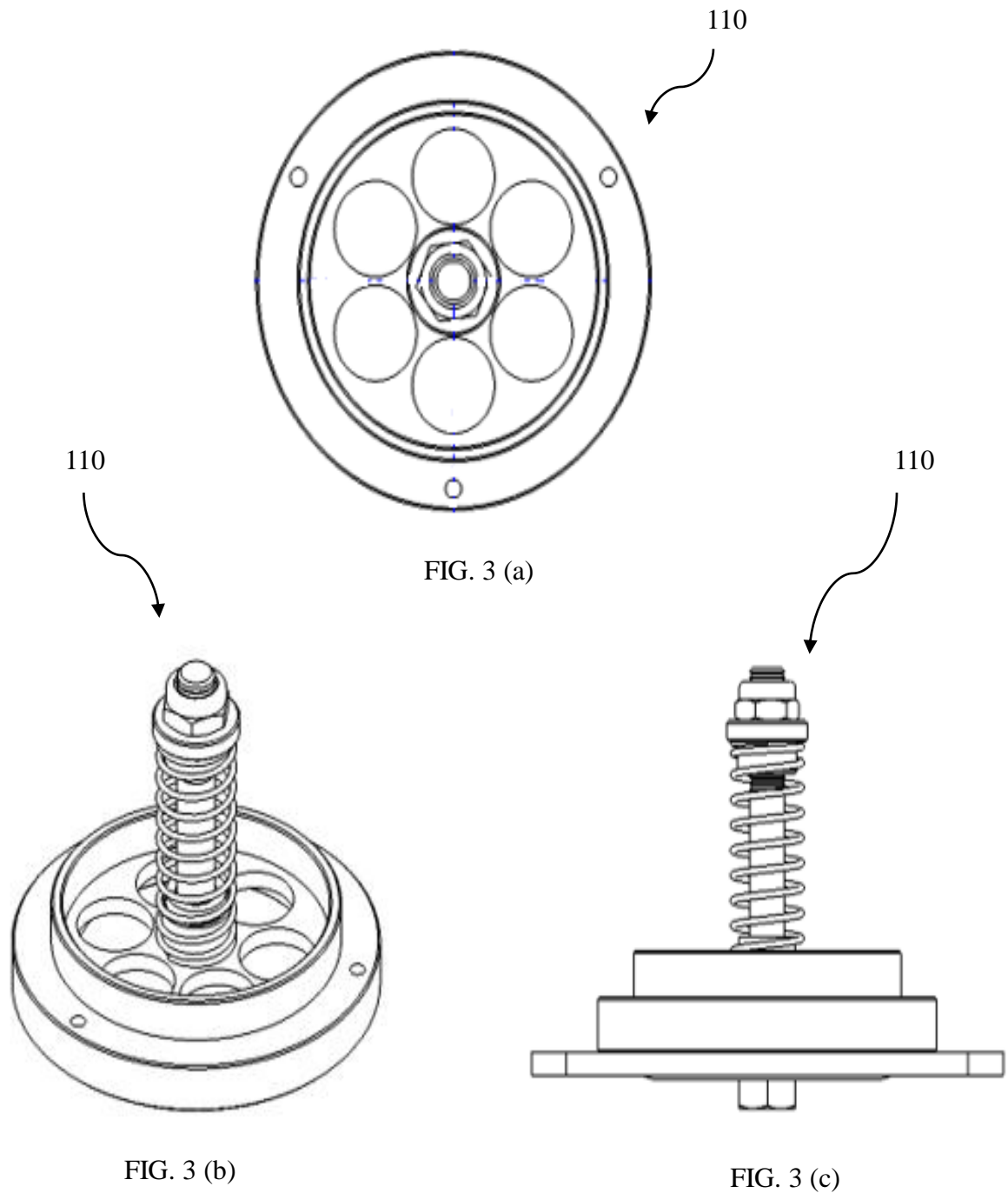


FIG. 3

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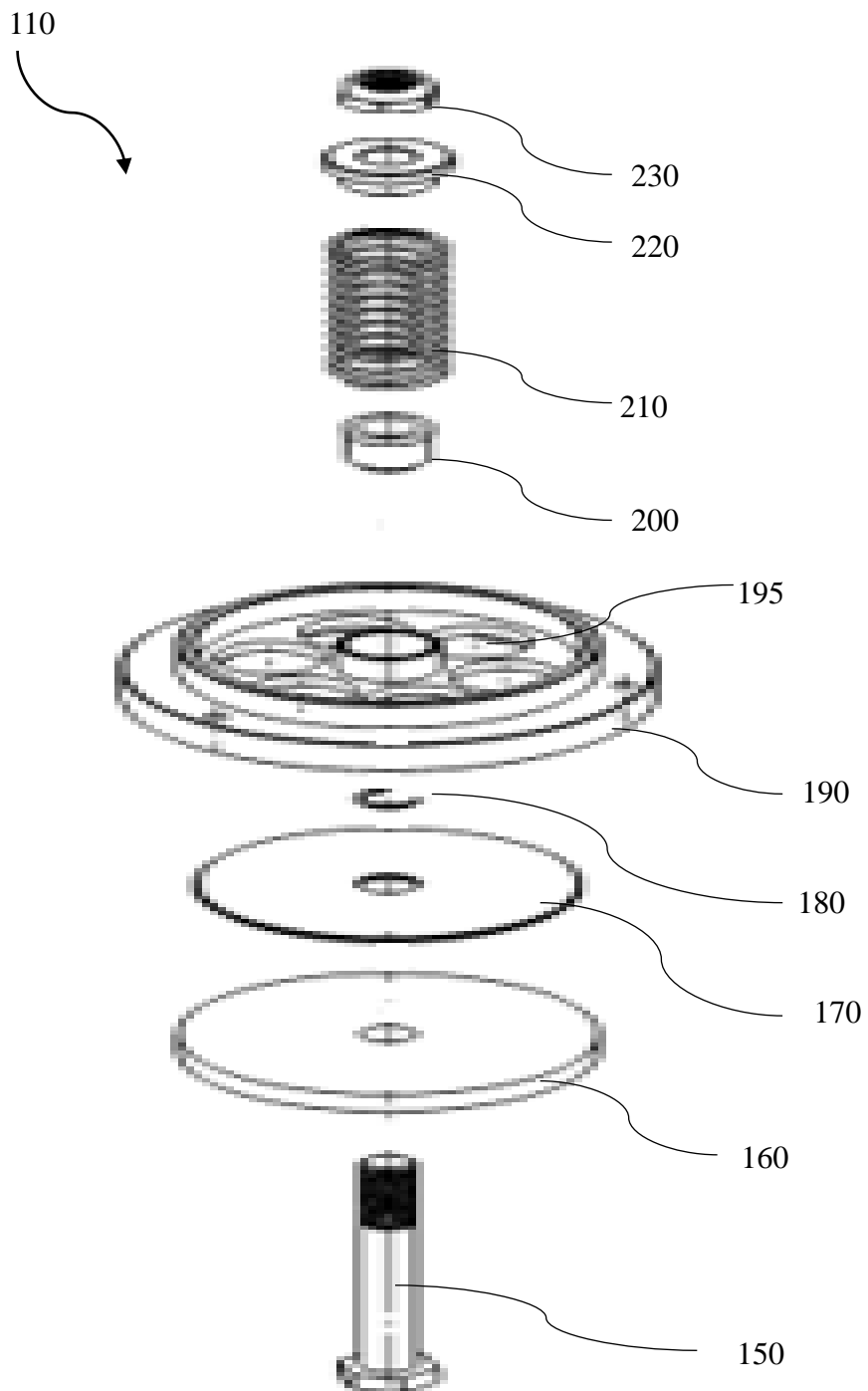


FIG. 4

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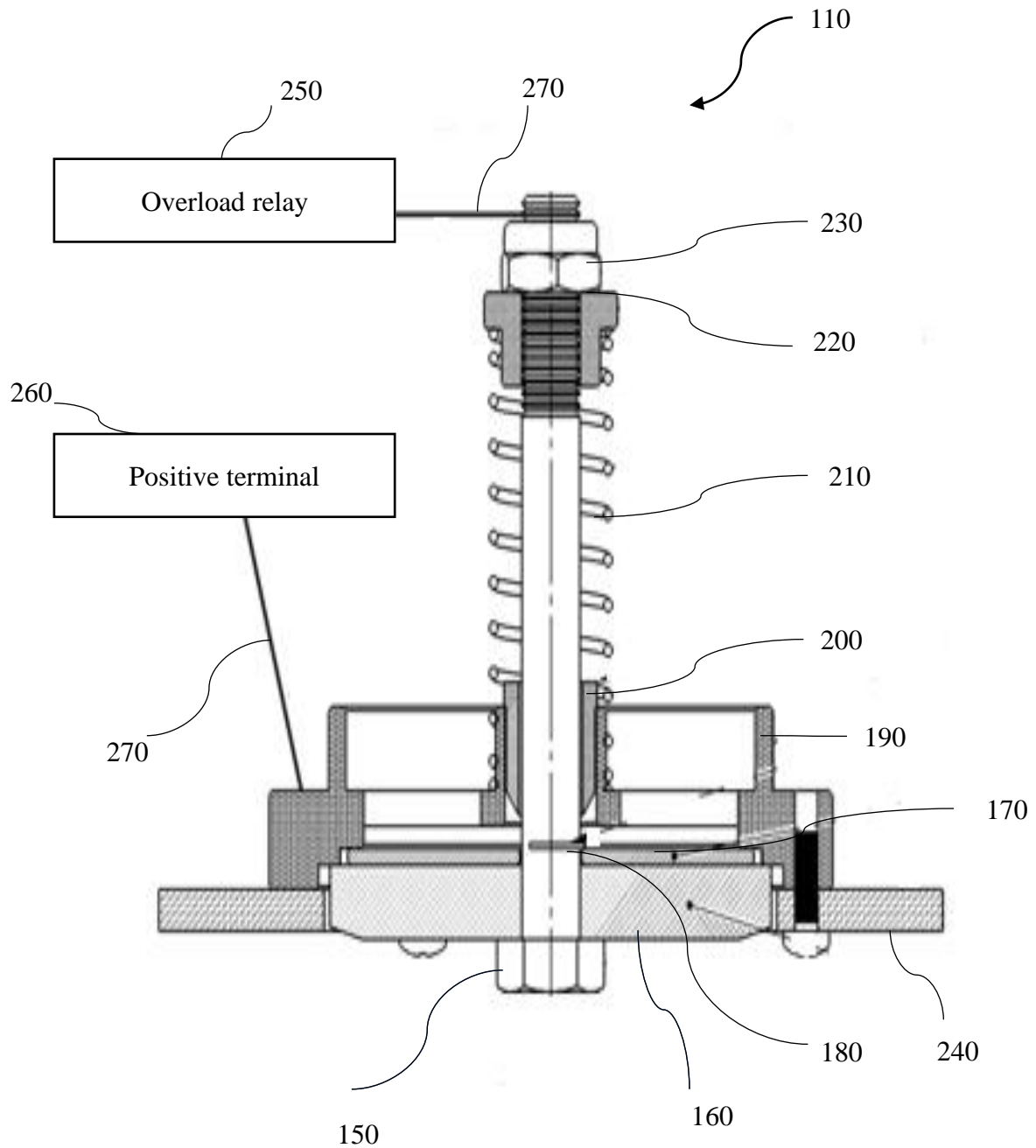


FIG. 5

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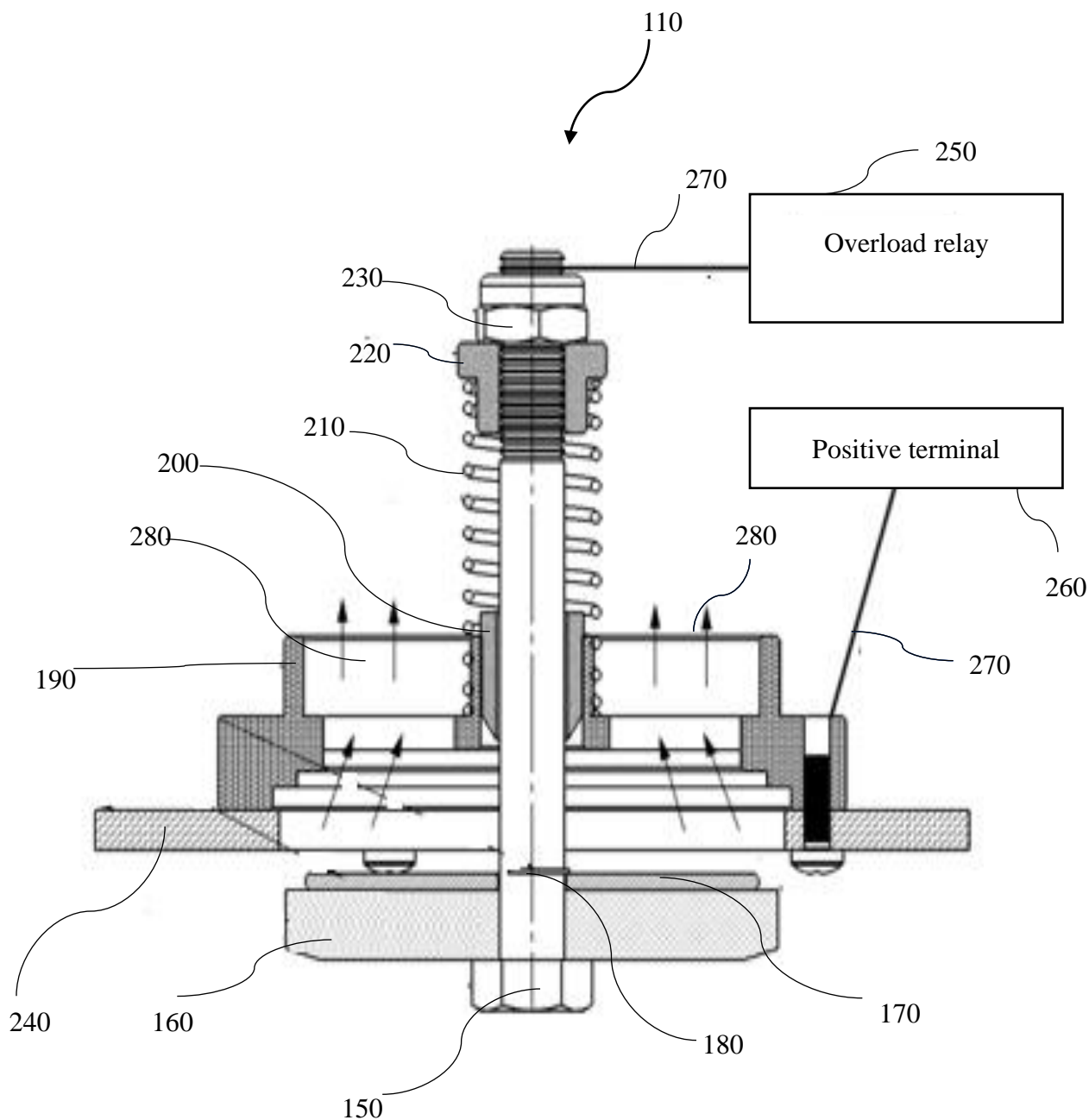


FIG. 6

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