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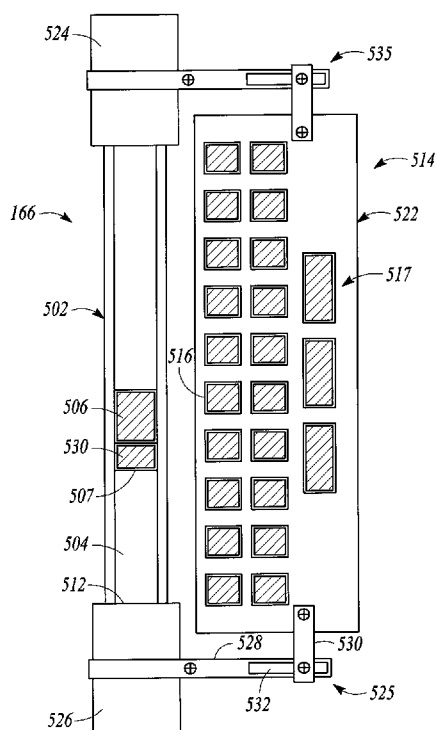


FIG. 5

(57) Abstract: For some embodiments, a system includes a moveable structure, moveable in at least a linear direction relative to a supporting structure, a magnetic field sensor assembly including a magnetic field sensor, and a magnet, wherein one of the magnet and the magnetic field sensor is coupled to the moveable structure, and wherein the other of the magnet and the magnetic field sensor assembly is coupled to the supporting structure, and wherein the magnetic field sensor assembly is configured to determine the relative position of the magnet to the magnetic field sensor.



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