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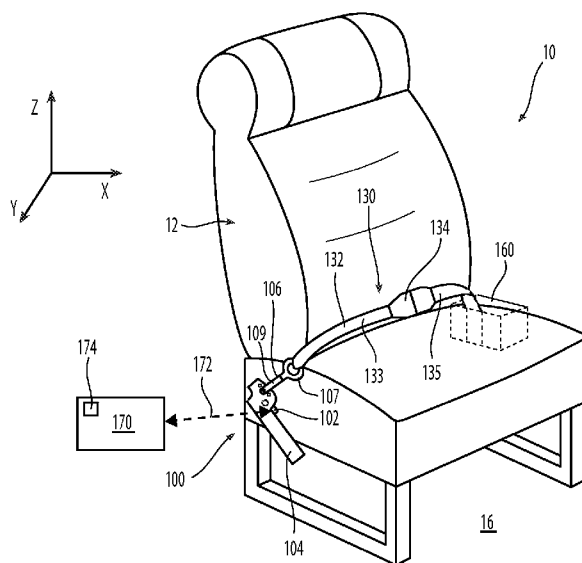
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- (54) **Title:** AIRCRAFT OCCUPANT RESTRAINT PRETENSIONING DEVICES, SYSTEMS AND METHODS

**Fig. 1A**

(57) **Abstract:** Occupant restraint systems for use with aircraft occupant restraint systems and other restraint systems, and associated devices and methods are disclosed herein. In one embodiment, an occupant restraint system can include a flexible web configured to extend across at least a portion of a lap of an occupant positioned on a seat of an aircraft, and an electronically-actuated pretensioner operably coupled to an end portion of the web. The system can also include a sensor assembly operably coupled to the pretensioner, wherein the sensor assembly is configured to send an electrical signal to the pretensioner in response to an aircraft acceleration or deceleration above a preset magnitude, and wherein, in response to receiving the electrical signal from the sensor assembly, the pretensioner is configured to automatically increase tension on the web.