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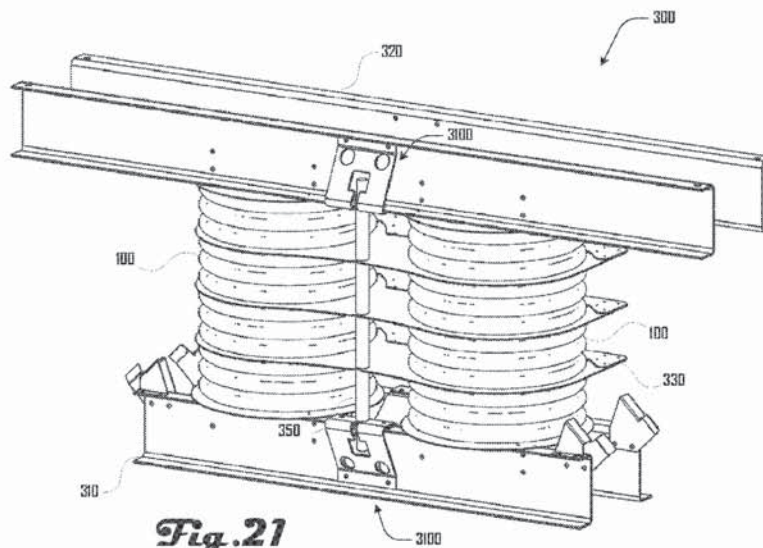
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(54) Title: FLUIDIC ACTUATOR SYSTEM AND METHOD

**Fig. 21**

(57) Abstract: A pneumatically actuated solar panel array system that includes a plurality of separate actuator assemblies that each have a top plate and bottom plate and a first and second bellows that each extend between and are coupled to the top and bottom plates at a respective top head and bottom head, the first and second bellows being configured to be separately pneumatically inflated, where the pneumatic inflation expands the bellows along a length. The pneumatically actuated solar panel array system can also include a plurality of solar panels coupled to the actuator assemblies with the solar panels being configured to be actuated based on inflation of one or more bellows associated with the plurality of actuator assemblies.

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