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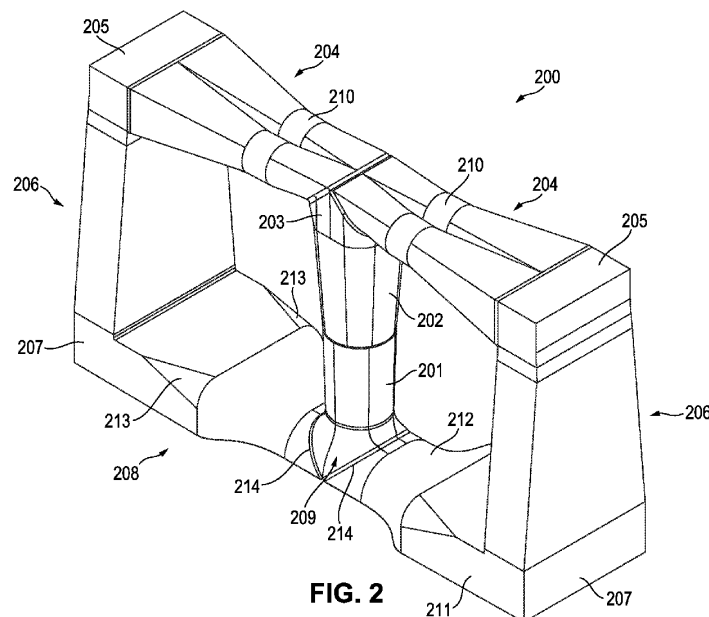


FIG. 2

(57) **Abstract:** A vertical wind tunnel for indoor skydiving having at least one recirculating airflow plenum. The airflow plenum includes a first vertical member housing a flight chamber, a top horizontal member, a second vertical member, and a bottom horizontal member. The bottom horizontal member has a first section and a second section. A corner section connects the second section of the bottom horizontal member with the first vertical member. The second section of the bottom horizontal member contracts the airflow travelling through the bottom horizontal member between the first section and its exit to the corner section. The corner section further contracts the airflow exiting the second section of the bottom horizontal member towards the first vertical member.

[Continued on next page]

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