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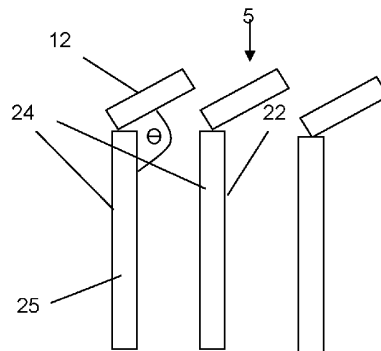


Figure 2

(57) **Abstract:** A cryopump comprising: a pump inlet, a two stage refrigerator; a first stage array thermally coupled to a first stage of said two stage refrigerator; and a cryopanel structure coupled to a second stage of said two stage refrigerator is disclosed. The cryopanel structure comprises at least three flat panels. The first stage array is mounted between the pump inlet and the cryopanel structure, and comprises a plurality of slats, the plurality of slats each being mounted such that a side of each of the plurality of slats closest to the cryopanel structure is substantially aligned and offset longitudinally with respect to a corresponding one of said at least three flat panels.



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