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(54) **Apparatuses and methods providing variable support and variable comfort control of a sleep system and automatic adjustment thereof**

(57) A sleep system (201) is provided, comprising: a sleep support member (230), a data analysis unit and a control unit. The sleep support member comprises a support layer comprising: a plurality of support layer inflatable members (234); and a support layer sensor configured to provide data relating to respective pressures of the support layer inflatable members. The data analysis unit (330) is configured to analyze data provided by the support layer sensor and to generate analyzed support layer data. The control unit (250) is configured to control a pressure within at least one of the support layer inflatable members using the analyzed support layer data. The data analysis unit is configured to determine an adjustment to a pressure of at least one of the support layer inflatable members that would cause the support layer to provide a more suitable combination of comfort characteristics and support characteristics for a person dis-

posed on the sleep support member. The control unit is configured to adjust the pressure of the at least one of the support layer inflatable members based on the determined adjustment.

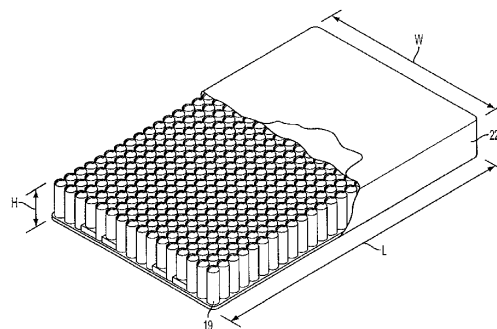


FIG. 1