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(54) **USER INTERFACE SYSTEM**

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(57) **ABSTRACT**

A user interface system including a sheet that defines a surface and at least partially defines a first level fluid vessel arranged at a first level within the sheet and a second level fluid vessel arranged at a second level within the sheet, wherein both the first and second level fluid vessels are arranged underneath the surface; a first volume of fluid contained within the first level fluid vessel; a second volume of fluid contained within the second level fluid vessel; and a displacement device coupled to the first and second level fluid vessels that selectively manipulates the first and second volumes of fluid, thereby deforming a particular region of the surface to a first and second stage, respectively or deforming a first particular region and a second particular region of the surface, respectively.

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