

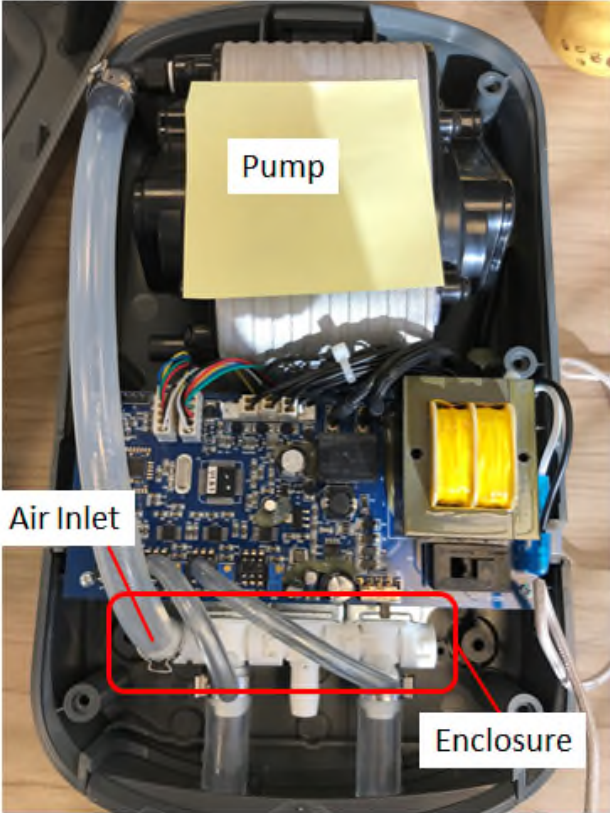


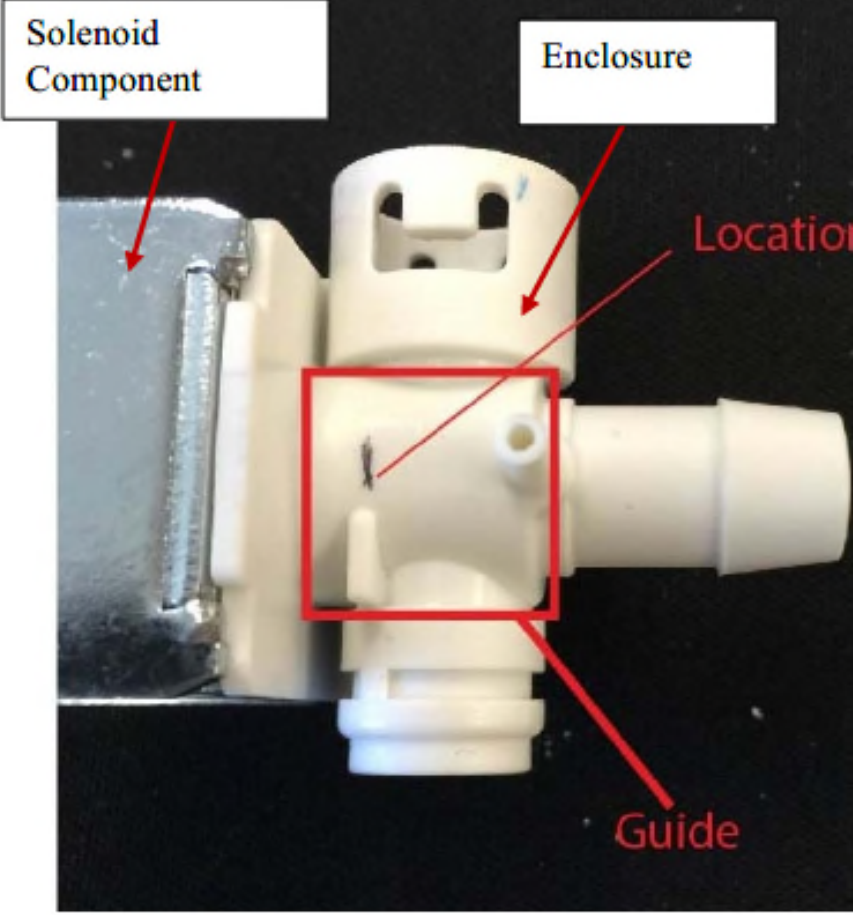
U.S. PATENT NO. 5,904,172 VERSUS DIRES AIR CONTROLLER

| <i>Claim Element</i> | <i>Infringement Contentions</i> |
|---|---|
| <p>Claim 12</p> <p>[12.P] An improved valve enclosure assembly for use with an air inflatable mattress having at least one air bladder inflated by compressed air, a pump fluidly coupled to the at least one air bladder for providing compressed air thereto, and a processor for providing commands to the improved valve enclosure assembly during an inflate/deflate cycle, the improved valve enclosure assembly being fluidly coupled intermediate the pump and the at least one air bladder for controlling the inflation of the at least one air bladder, comprising:</p> | <p>As shown in the exemplar, representative images below, the Dires air controller is a limitation because it has an improved valve enclosure assembly for use with an air inflatable mattress having at least one air bladder inflated by compressed air, a pump fluidly coupled to the at least one air bladder for providing compressed air thereto, and a processor for providing commands to the improved valve enclosure assembly during an inflate/deflate cycle, the improved valve enclosure assembly being fluidly coupled intermediate the pump and the at least one air bladder for controlling the inflation of the at least one air bladder:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">   </div> |

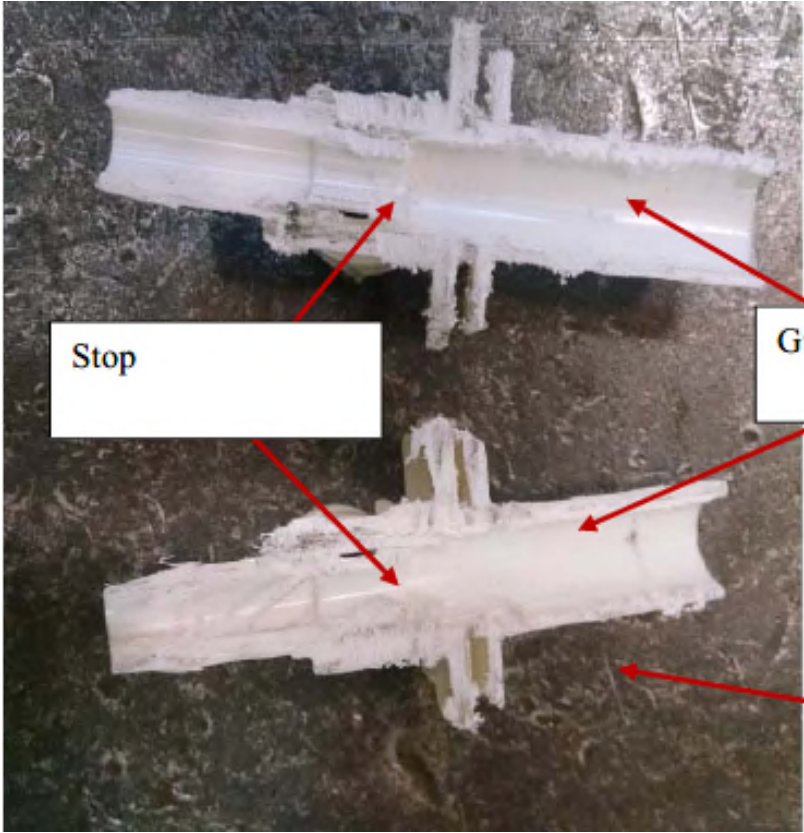
U.S. PATENT NO. 5,904,172 VERSUS DIRES AIR CONTROLLER

| <i>Claim Element</i> | <i>Infringement Contentions</i> |
|---|--|
| <p>[12.1] an enclosure defining a substantially fluidly sealed air chamber and having at least one air inlet to the air chamber being fluidly coupled to the pump, a plurality of guides and stops being disposed within the enclosure for correctly positioning components within the enclosure;</p> | <p>As shown in the exemplar, representative images below, the Dires air controller is a limitation because it has an enclosure defining a substantially fluidly sealed air chamber and having at least one air inlet to the air chamber being fluidly coupled to the pump, a plurality of guides and stops being disposed within the enclosure for correctly positioning components within the enclosure.</p>  |


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| <i>Claim Element</i> | <i>Infringement Contentions</i> |
|----------------------|--|
| |  <p>A photograph of a mechanical assembly, likely a solenoid valve, with several labels and a red box. The labels are: 'Solenoid Component' pointing to a metal part on the left; 'Enclosure' pointing to a white plastic housing; 'Location' pointing to a specific feature on the white plastic part; and 'Guide' pointing to a small protrusion at the bottom. A red rectangular box highlights the area where the 'Location' and 'Guide' labels point to.</p> |

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| <i>Claim Element</i> | <i>Infringement Contentions</i> |
|----------------------|---|
| |  <p>The photograph shows two white plastic air controller components. Red arrows point from labels to specific features: 'Stop' points to a vertical ridge on the left side of the top component; 'Guide' points to a vertical groove on the right side of the top component; and 'Bo' points to a vertical ridge on the right side of the bottom component. The bottom component also has a label 'Er' partially visible.</p> |

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| <i>Claim Element</i> | <i>Infringement Contentions</i> |
|---|--|
| <p>[12.2] at least one valve operably coupled to the enclosure being in selective fluid communication with the air chamber and being in fluid communication with the at least one air bladder for selectively fluidly coupling the air chamber to at least one air bladder; and</p> | <p>As shown in the exemplar, representative image below, the Dires air controller is in violation of the patent limitation because it has at least one valve operably coupled to the enclosure being in selective fluid communication with the air chamber and being in fluid communication with the at least one air bladder for selectively fluidly coupling the air chamber to at least one air bladder.</p> <p style="text-align: center;">Tubes to Air Bladders</p>  <p style="text-align: center;">Solenoid Valve Inside</p> |

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