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(54) Title: A WEARABLE COOLING APPARATUS FOR ON-SITE TREATMENT OF HEAT ILLNESS

(57) Abstract: A wearable cooling apparatus (2) comprising a pad (4), an inlet valve (6), a channel (8), and a thermally conductive membrane (10). The channel (8) is an open-sided recess formed in the surface of the pad (4) and the pad (4) is secured to the membrane (10) such that the open side of the channel (8) is covered by the membrane (10). The covered channel (8) forms a conduit (11) arranged between the pad (4) and the membrane (10), wherein the walls of the conduit (11) comprise the surface of the pad (4) and the surface of the membrane (10) and the inlet valve (6) is arranged in fluid communication with the conduit (11).

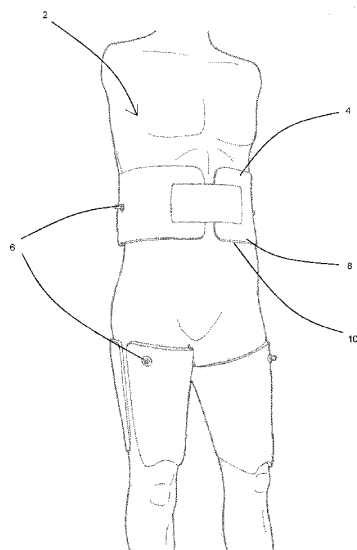


FIGURE 1

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