



(12) **United States Design Patent**  
**Galbraith et al.**

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(54) **PUMP ADAPTER**

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(\*\*) Term: **14 Years**

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(22) Filed: **Feb. 3, 2012**

(30) **Foreign Application Priority Data**

Aug. 3, 2011 (CH) ..... 138245

(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/111**

(58) **Field of Classification Search**  
USPC ..... D24/107, 108, 111; D15/7-9;  
128/204.21; 210/416.2; 604/18, 93.01,  
604/151, 152, 892.1  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D339,356 S \* 9/1993 Tsai ..... D15/8  
D436,361 S \* 1/2001 Yu-Chin ..... D15/8  
D436,362 S \* 1/2001 Yu-Chin ..... D15/8  
6,736,135 B1 \* 5/2004 Klich ..... 128/200.14  
D598,472 S \* 8/2009 Anderson et al. .... D15/7

D606,563 S \* 12/2009 Stimpson et al. .... D15/7  
D615,558 S \* 5/2010 Stimpson et al. .... D15/7  
D617,344 S \* 6/2010 Wang ..... D15/8  
D627,058 S \* 11/2010 Ko et al. .... D24/108  
D629,503 S \* 12/2010 Caffey et al. .... D24/108  
2004/0044306 A1 \* 3/2004 Lynch et al. .... 604/93.01

**OTHER PUBLICATIONS**

Co-pending Design U.S. Appl. No. 29/412,517, Galbraith et al., "Cartridge Filling Device," filed Feb. 3, 2012.

Co-pending Design U.S. Appl. No. 29/412,521, Galbraith et al., "Infusion Pump Device," filed Feb. 3, 2012.

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a pump adapter, as shown and described.

**DESCRIPTION**

FIG. 1 is a first perspective view of a pump adapter, according to one preferred embodiment of the invention;

FIG. 2 is a second perspective view of the pump adapter shown in FIG. 1;

FIG. 3 is a first side view of the pump adapter shown in FIG. 1;

FIG. 4 is a second side view of the pump adapter shown in FIG. 1;

FIG. 5 is a bottom view of the pump adapter shown in FIG. 1;

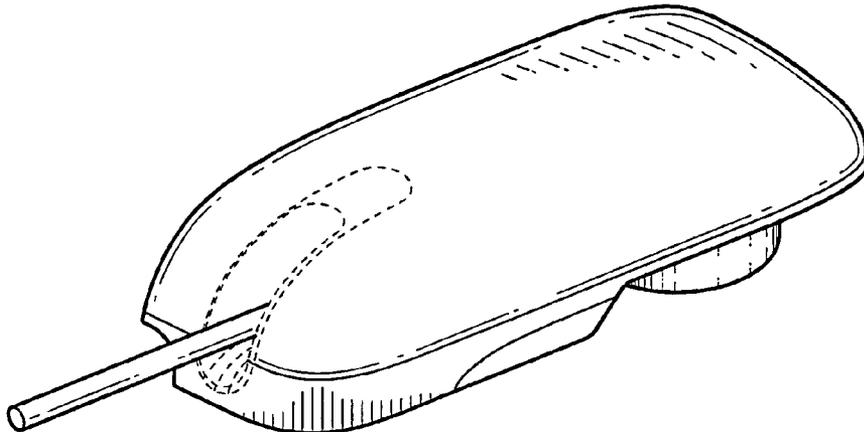
FIG. 6 is a top view of the pump adapter shown in FIG. 1;

FIG. 7 is a third side view of the pump adapter shown in FIG. 1; and,

FIG. 8 is a fourth side view of the pump adapter shown in FIG. 1.

The broken lines showing portions of the pump adapter are not part of the claimed design.

**1 Claim, 4 Drawing Sheets**



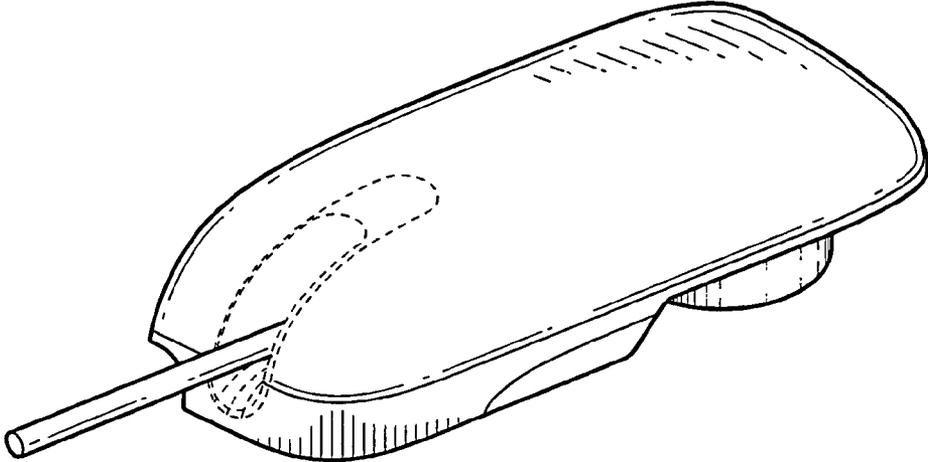


FIG. 1

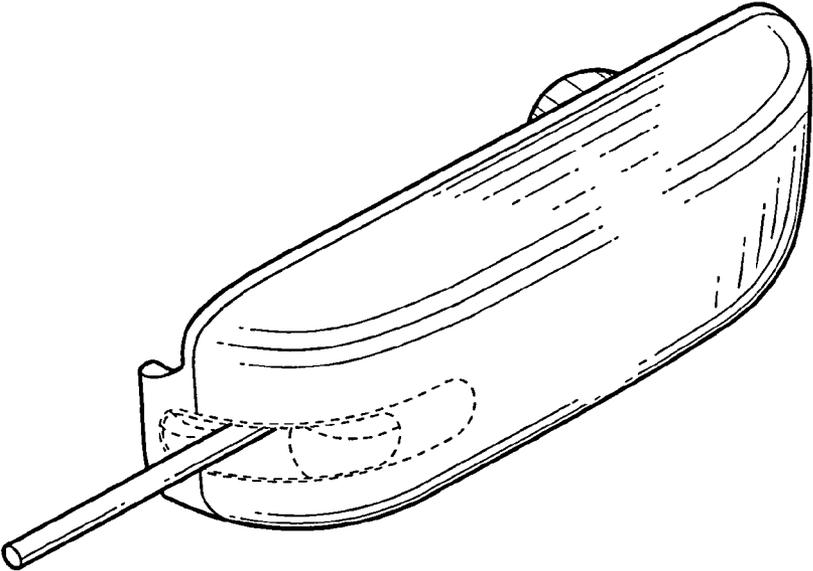


FIG. 2

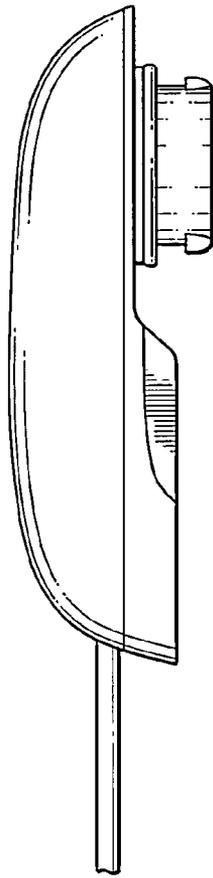


FIG. 3

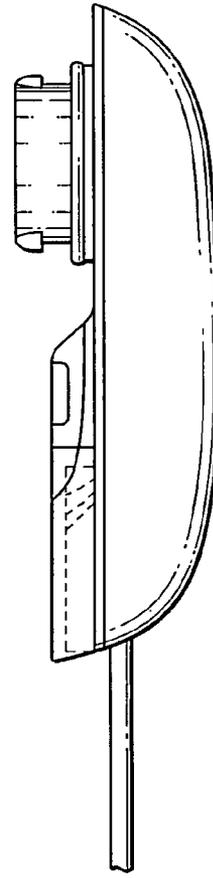


FIG. 4

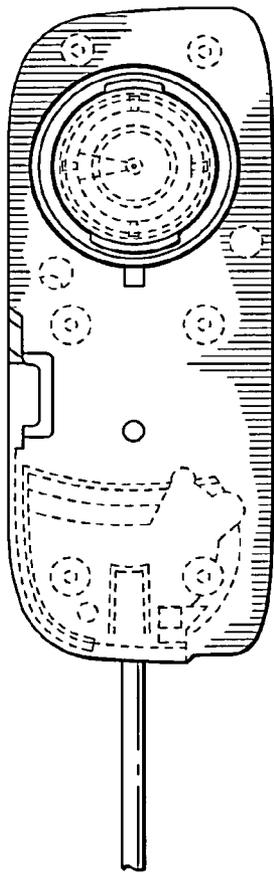


FIG. 5

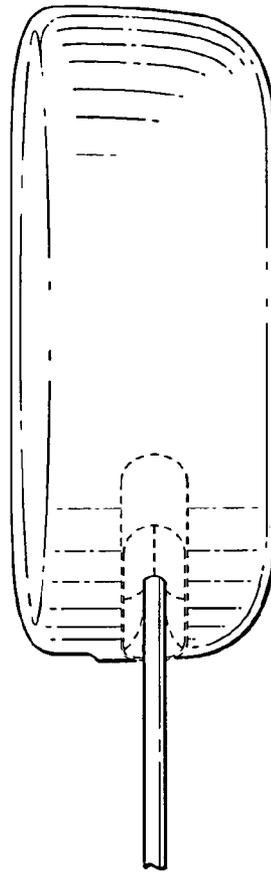


FIG. 6

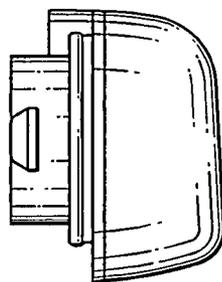


FIG. 7

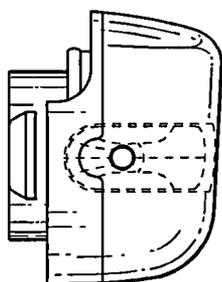


FIG. 8