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(12) **United States Design Patent**  
**Kim**

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(54) **VACUUM CLEANER**

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

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(51) **LOC (9) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/31; D32/22**

(58) **Field of Classification Search**  
USPC ..... D32/22, 31, 34; 55/337, 429, 459.1, 55/DIG. 2, DIG. 3; 15/386, 320, 350, 353, 15/361, 347, 410-411, 327.1, 329, 383, 398, 15/366, 182-183, 179, 344, 374, 392, 339, 15/402, 415.1, 419, 310, 246.2, 4.52; 119/628  
See application file for complete search history.

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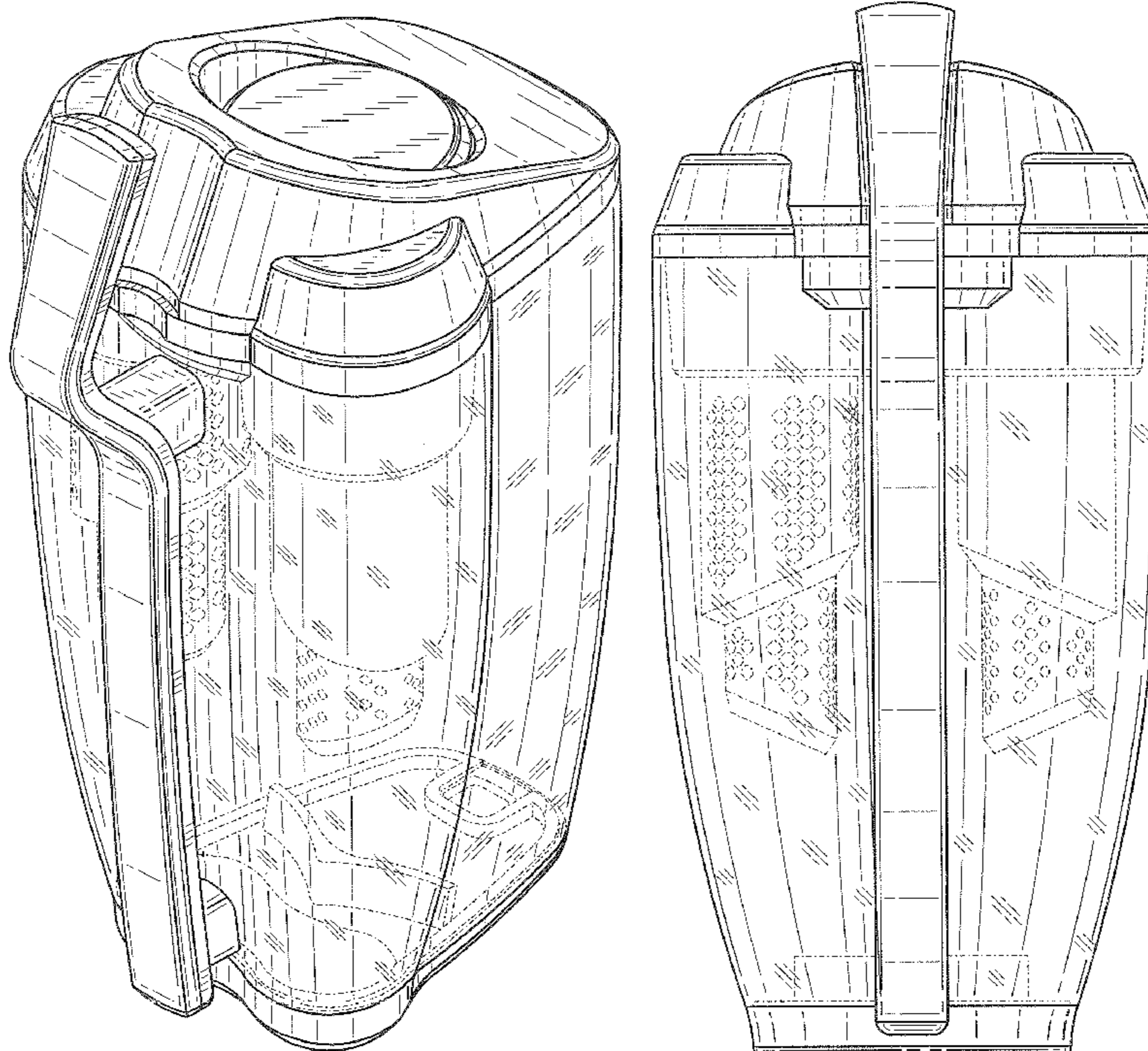
(57) **CLAIM**

I claim the ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of a vacuum cleaner showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The details shown in broken lines form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



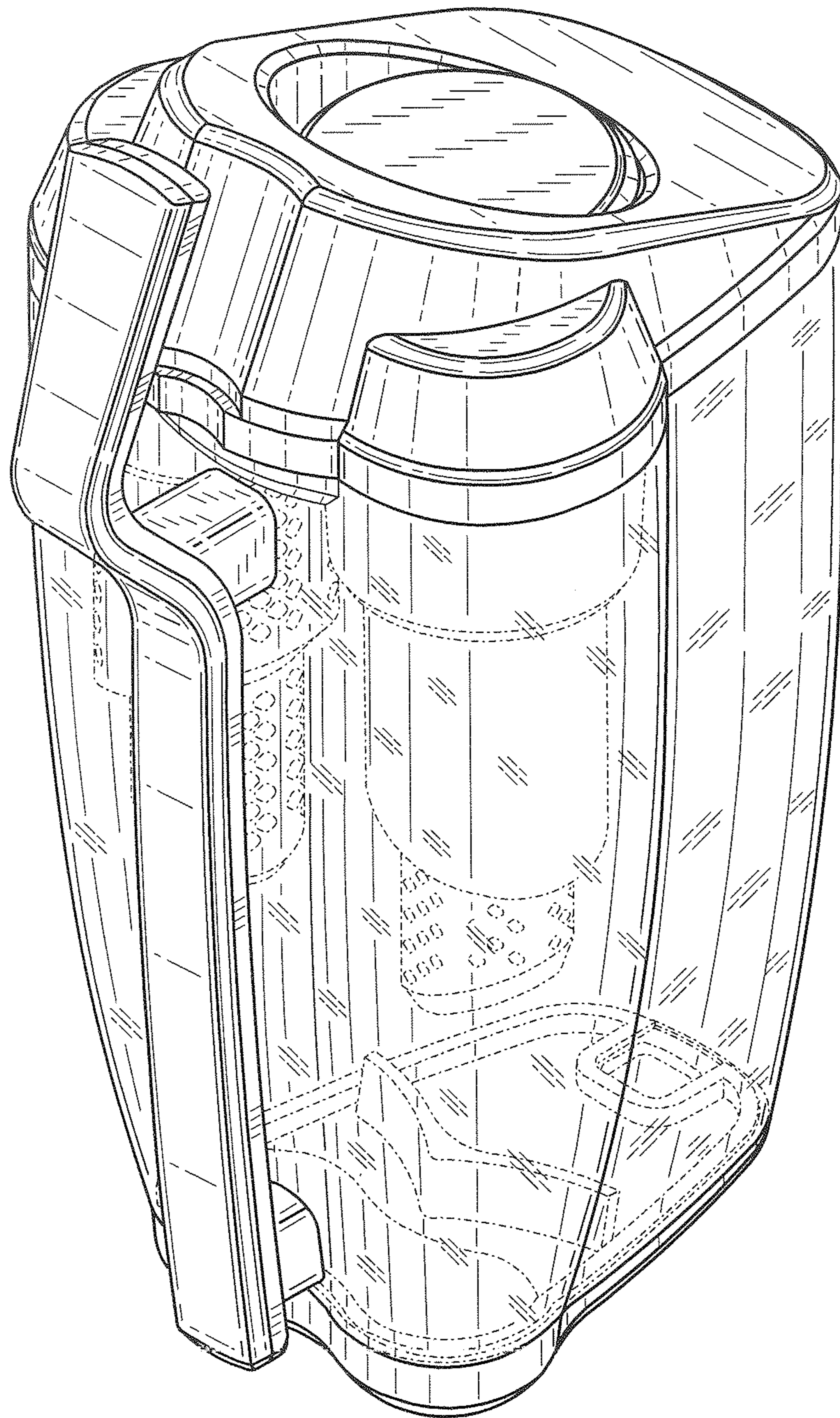


FIG. 1

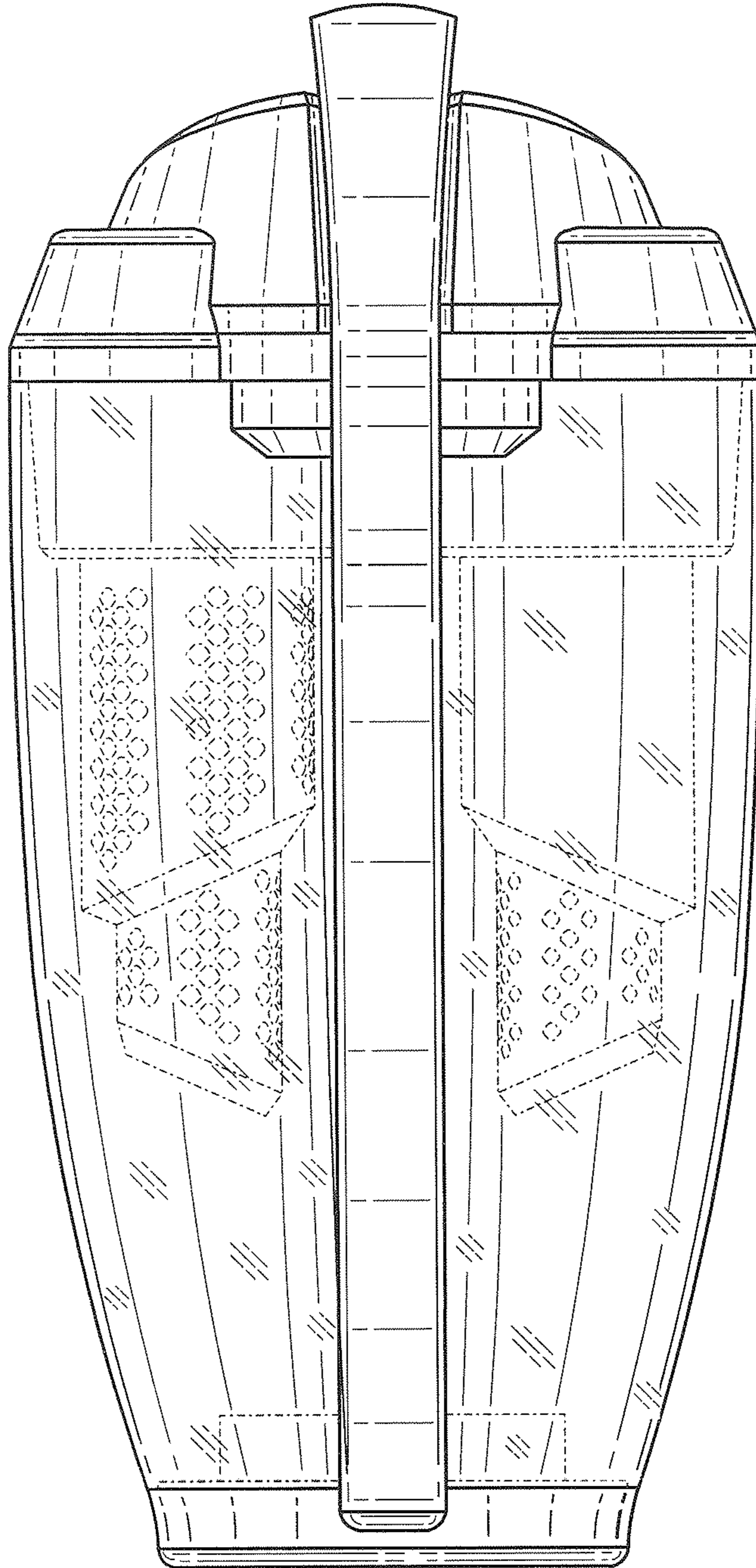


FIG. 2

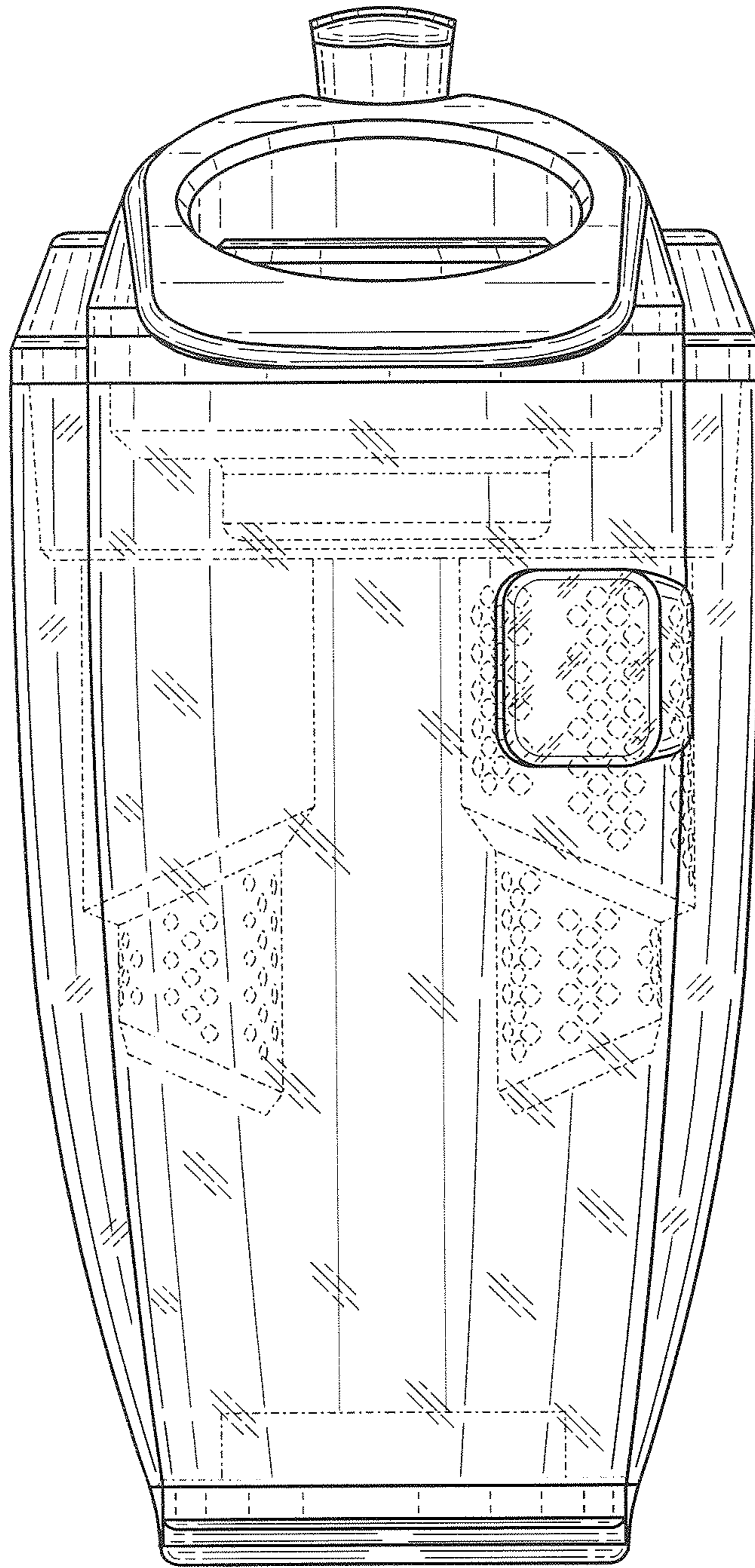


FIG. 3

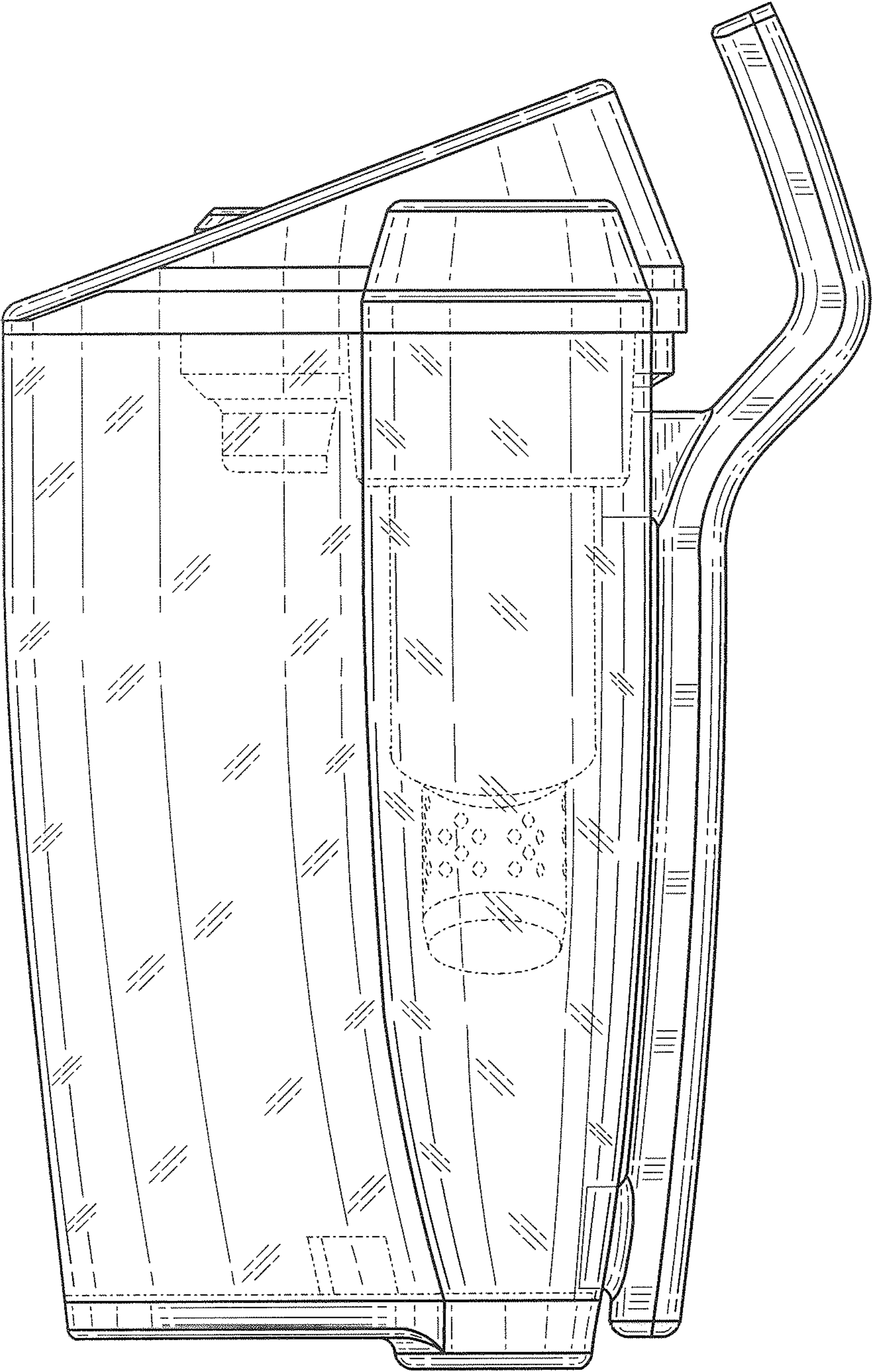


FIG. 4

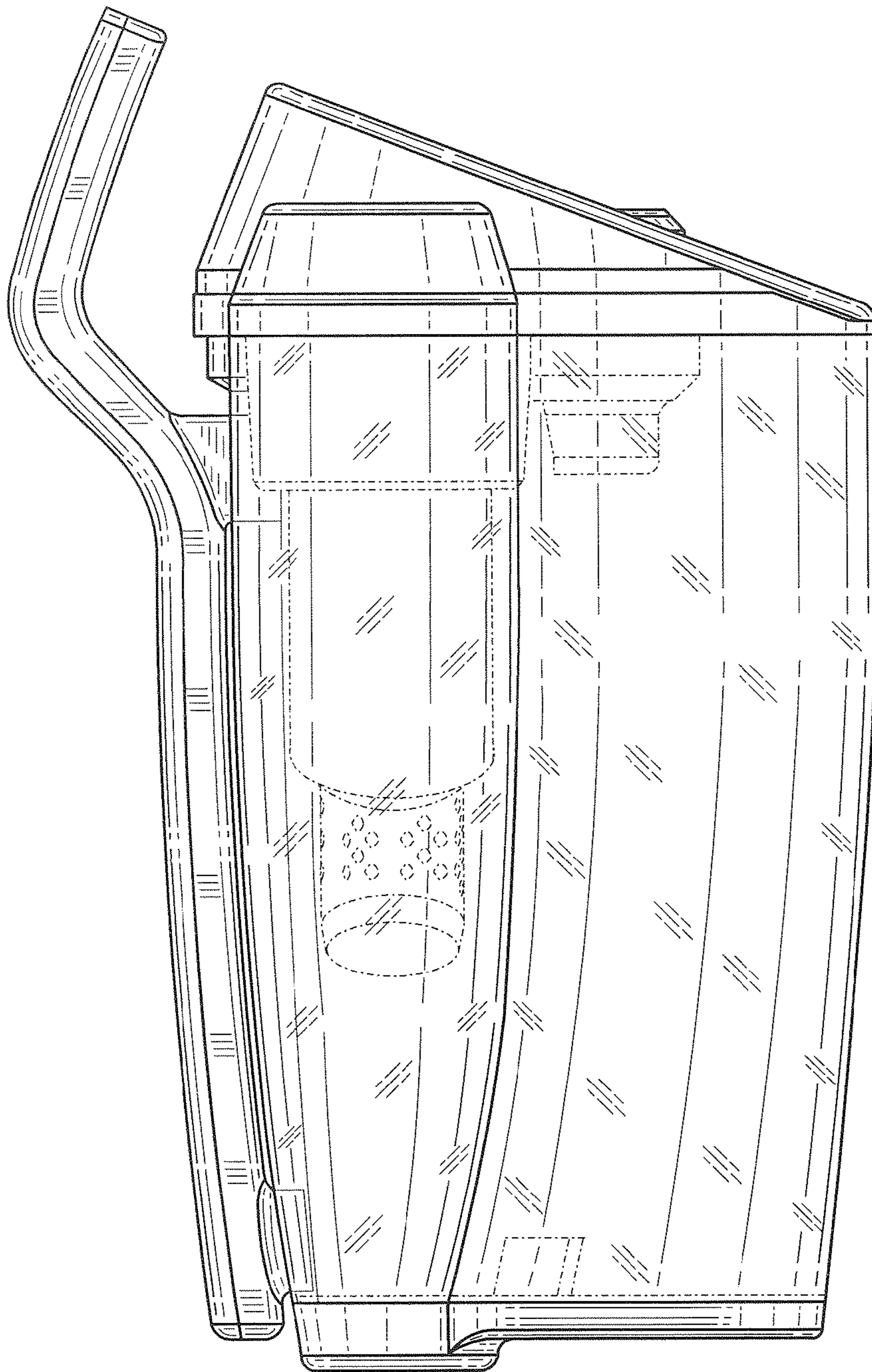


FIG. 5

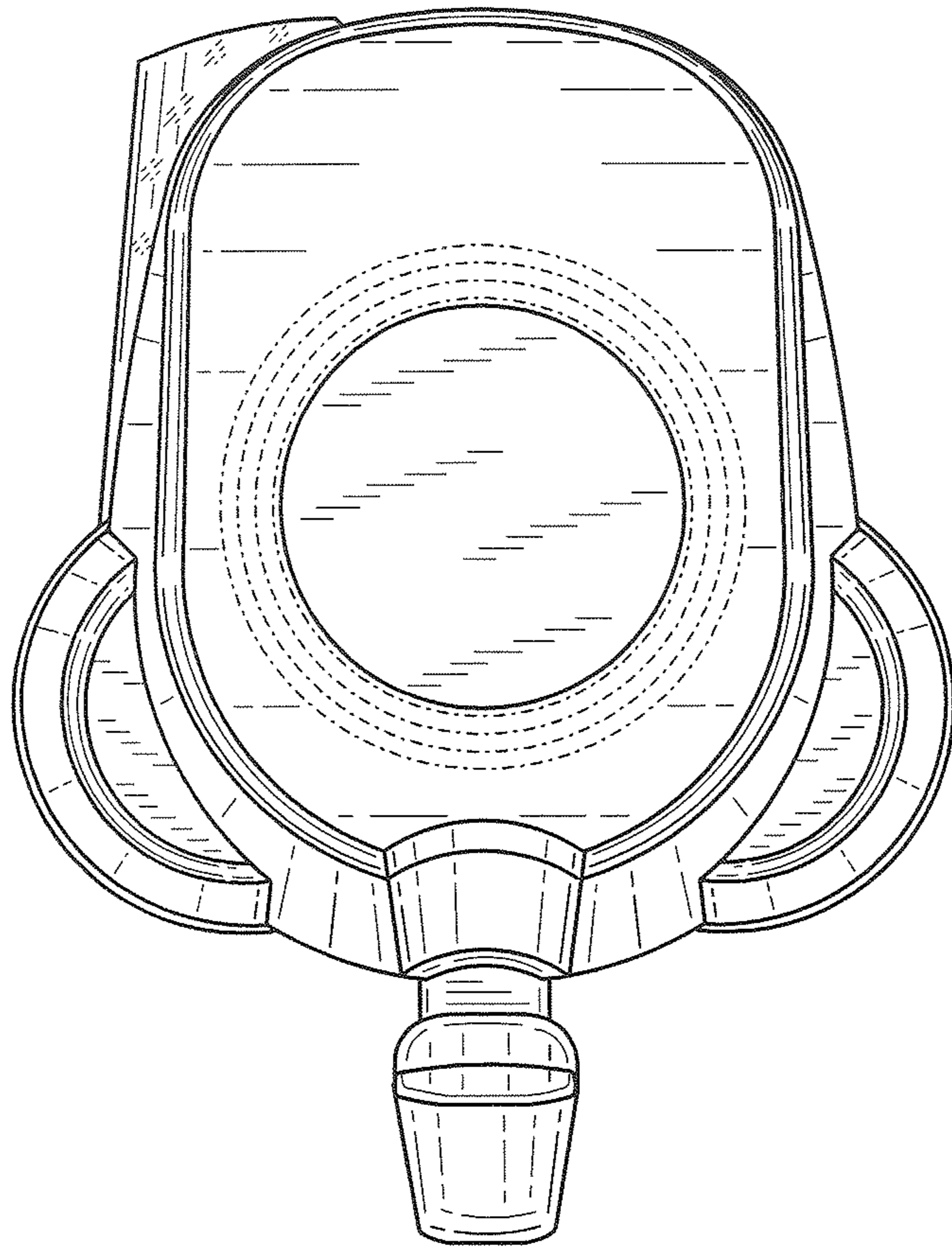


FIG. 6

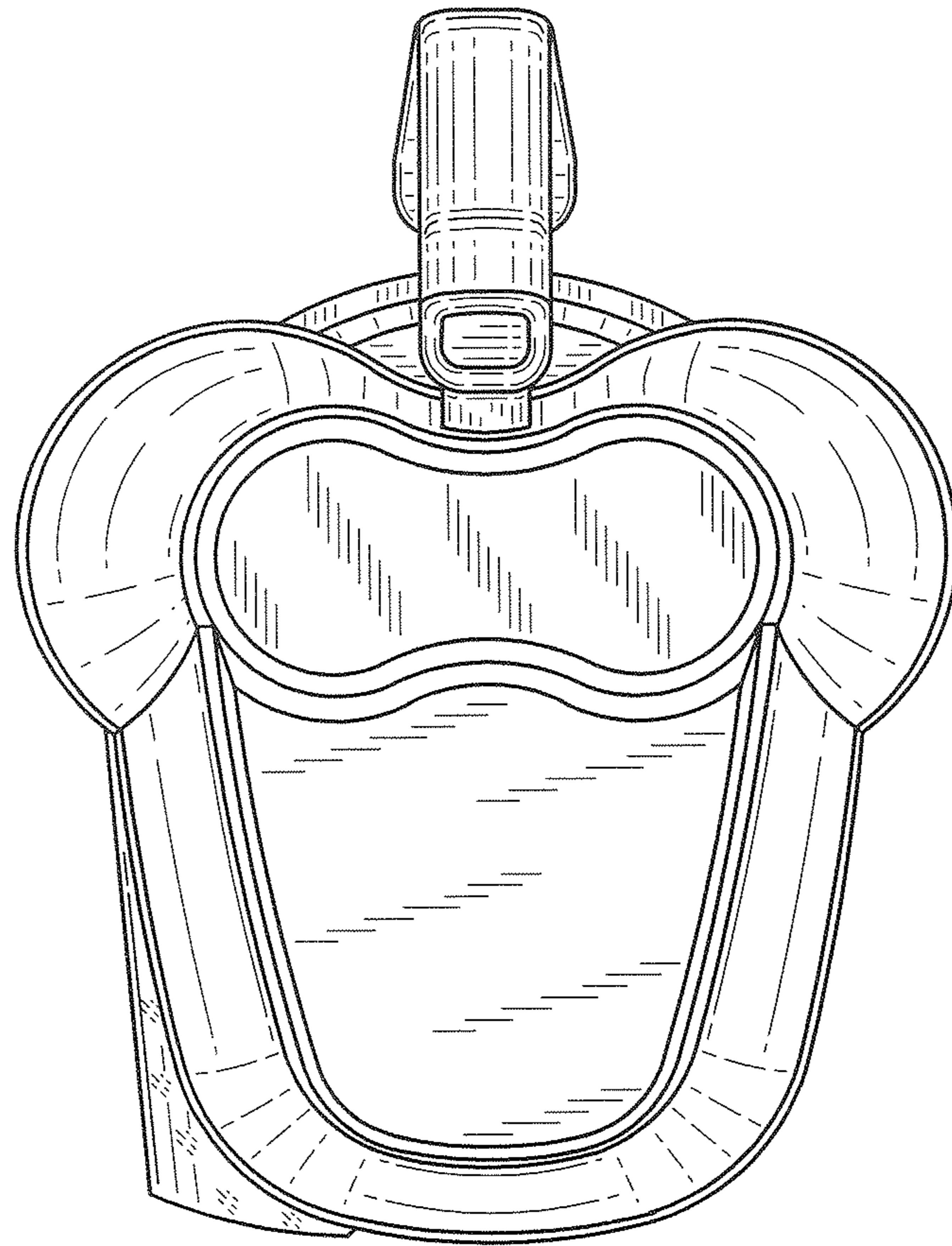


FIG. 7