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

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(54) **HAND-HELD VACUUM CLEANER**

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May 11, 2022 (EM) ..... 009019300-0002

(51) **LOC (14) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/18**

(58) **Field of Classification Search**  
USPC ..... D32/15-24, 31-34  
CPC ..... A47L 5/24; A47L 5/26; A47L 5/28; A47L  
7/0076; A47L 9/32; A47L 9/322  
See application file for complete search history.

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*Primary Examiner* — Kimberly Barnes

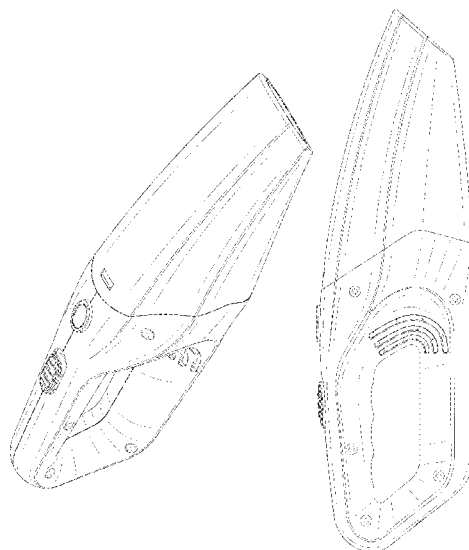
(57) **CLAIM**

The ornamental design for a hand-held vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a hand-held vacuum cleaner, showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof; and,  
FIG. 8 is another front perspective view showing the hand-held vacuum cleaner stored on a stand.  
The broken lines in the drawings illustrate the portions of the hand-held vacuum cleaner, which form no part of the claimed design.  
The broken lines in FIG. 8 depicting a stand and accessories represents environmental subject matter that forms no part thereof.

**1 Claim, 8 Drawing Sheets**



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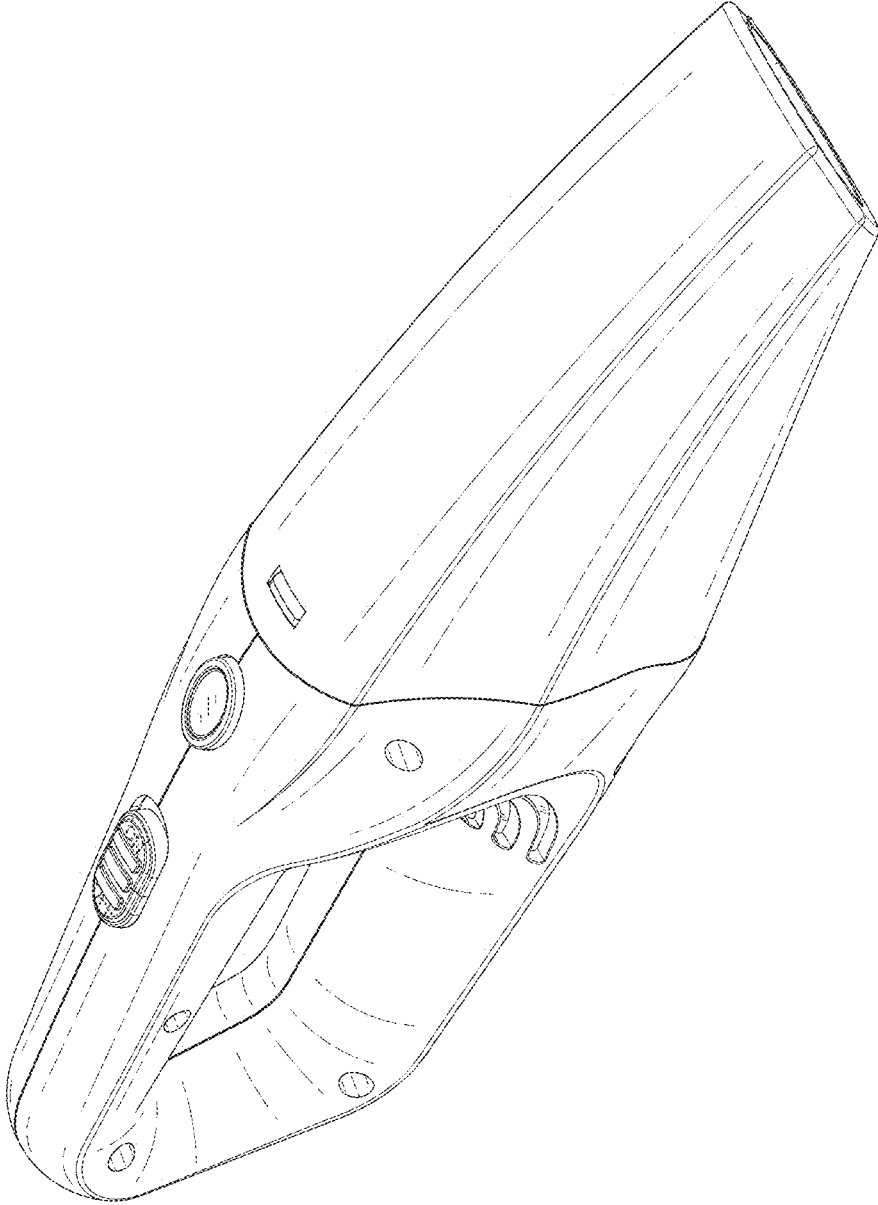


FIG. 1

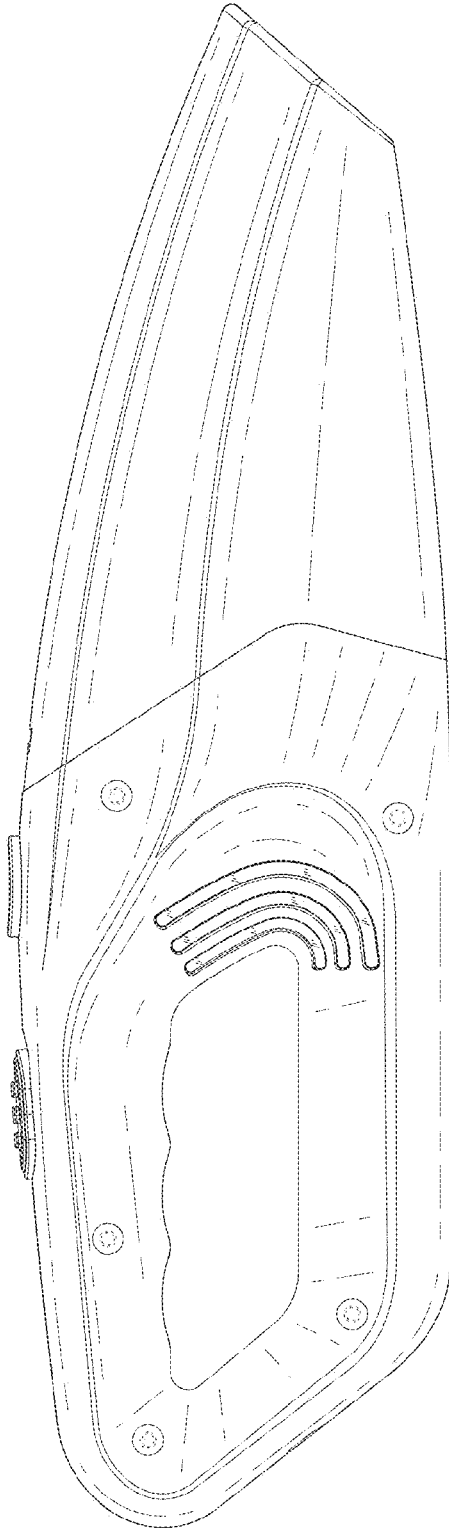


FIG. 2

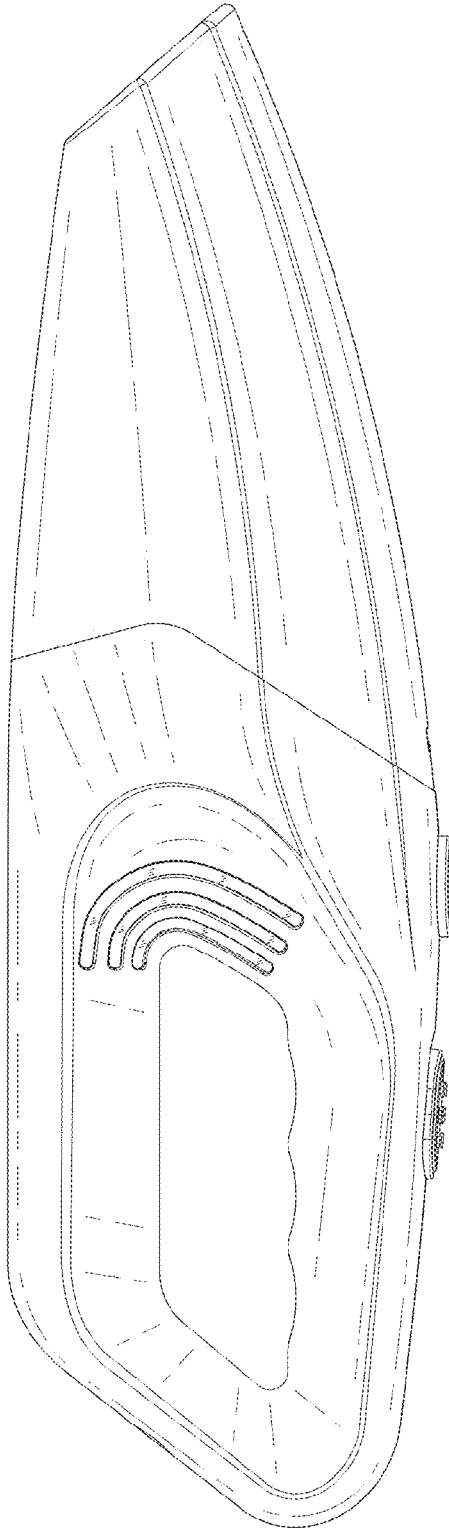


FIG. 3

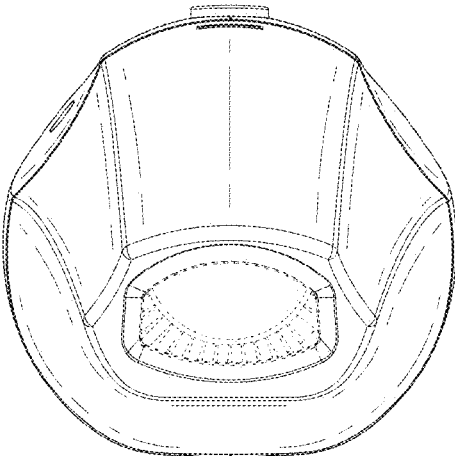


FIG. 4

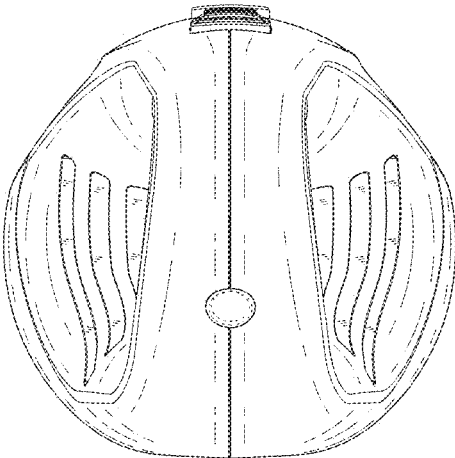


FIG. 5

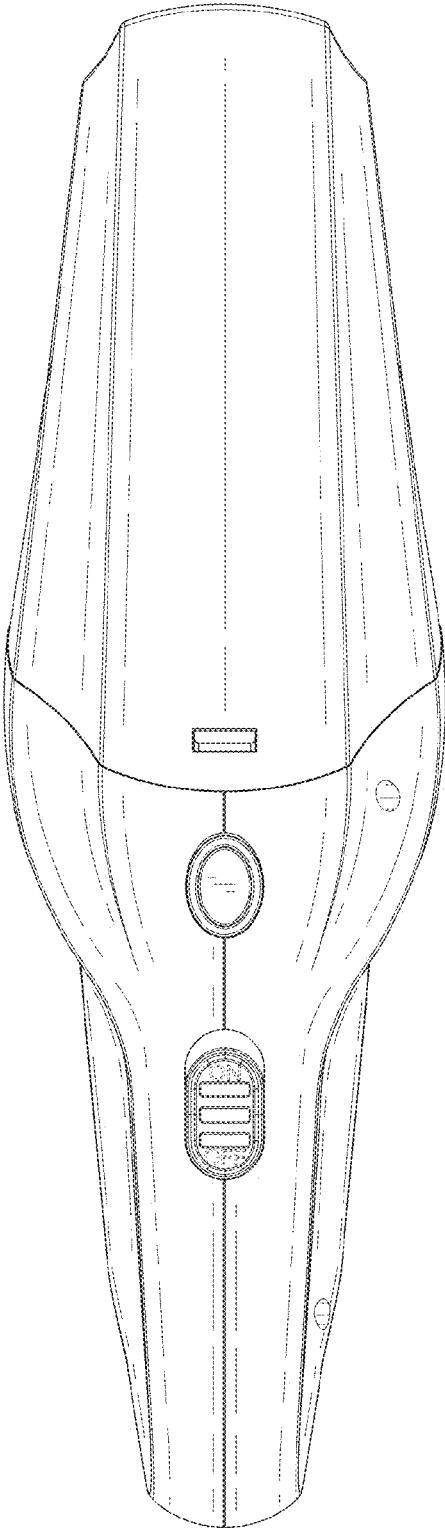


FIG. 6

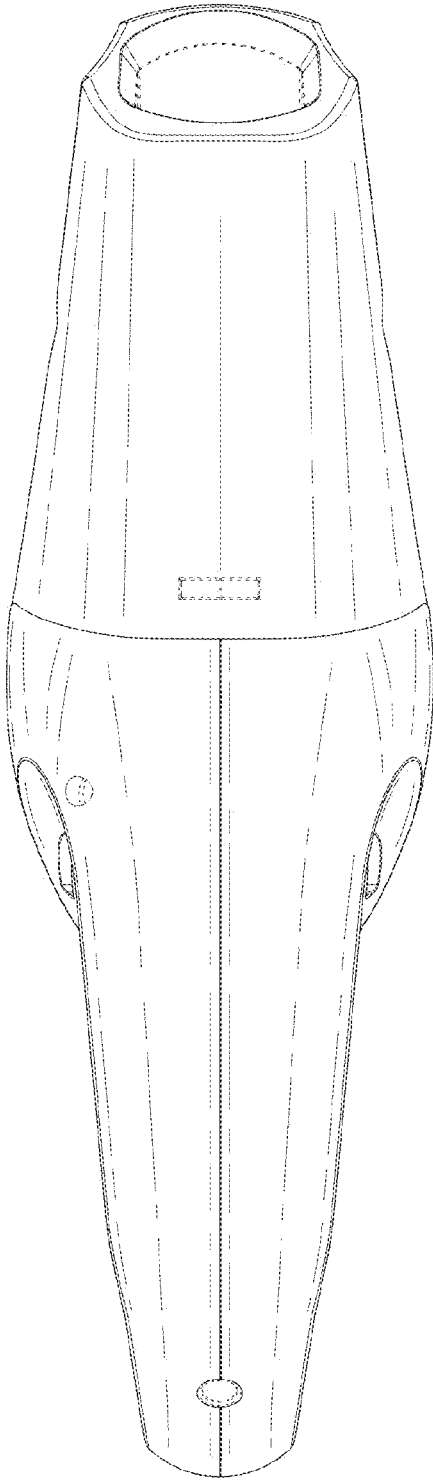


FIG. 7

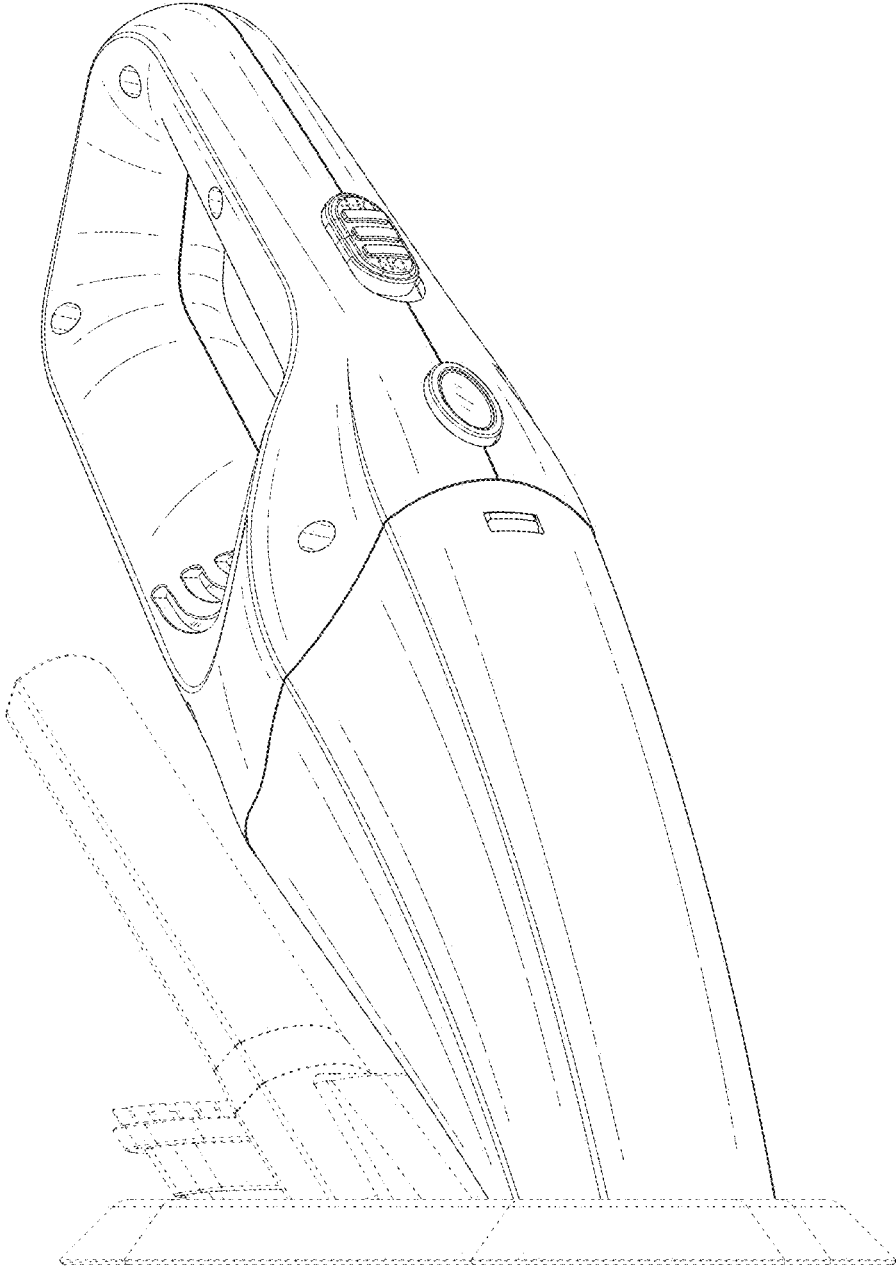


FIG. 8