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

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(54) **VACUUM CLEANER**

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(**) Term: **15 Years**

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(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/34; D32/22**

(58) **Field of Classification Search**
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9/04; A47L 9/0422; A47L 9/32; A47L
9/322; A47L 9/325; A47L 9/327; A47L
11/00; A47L 11/22; A47L 11/24; A47L
11/32; A47L 11/4075; A47L 11/4094;
A47L 11/20; A47L 11/40; A47L 5/24;
A47L 5/28; A47L 7/02; A47L 5/225;
A47L 5/36; A47L 9/0018

See application file for complete search history.

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(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 6 Drawing Sheets

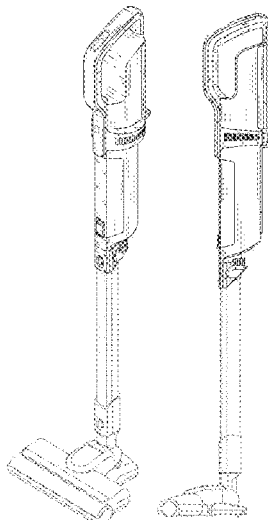


FIG. 1

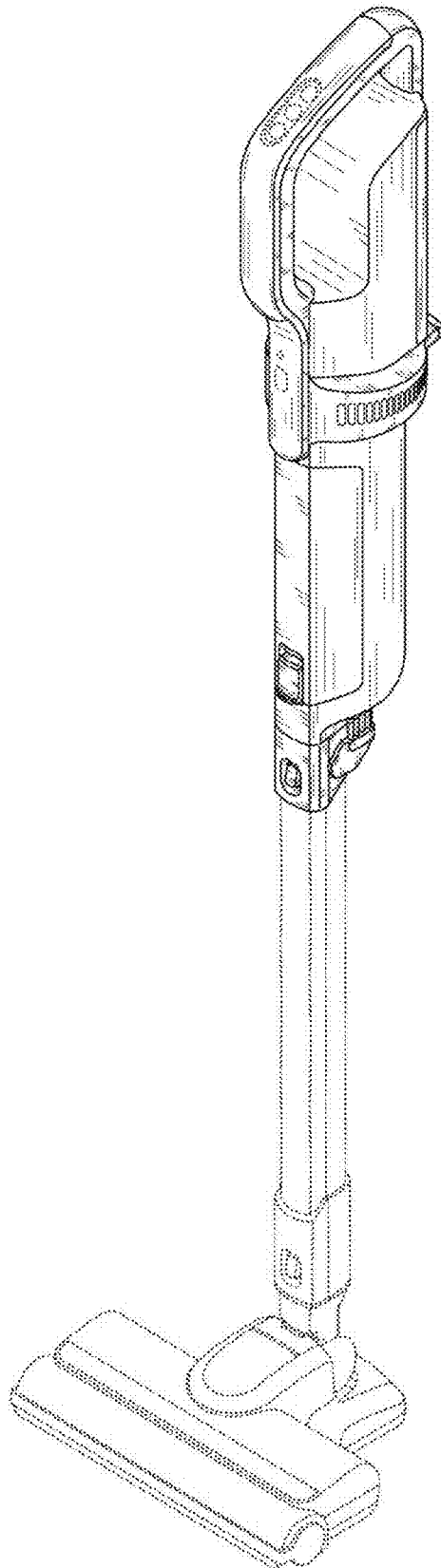


FIG. 2

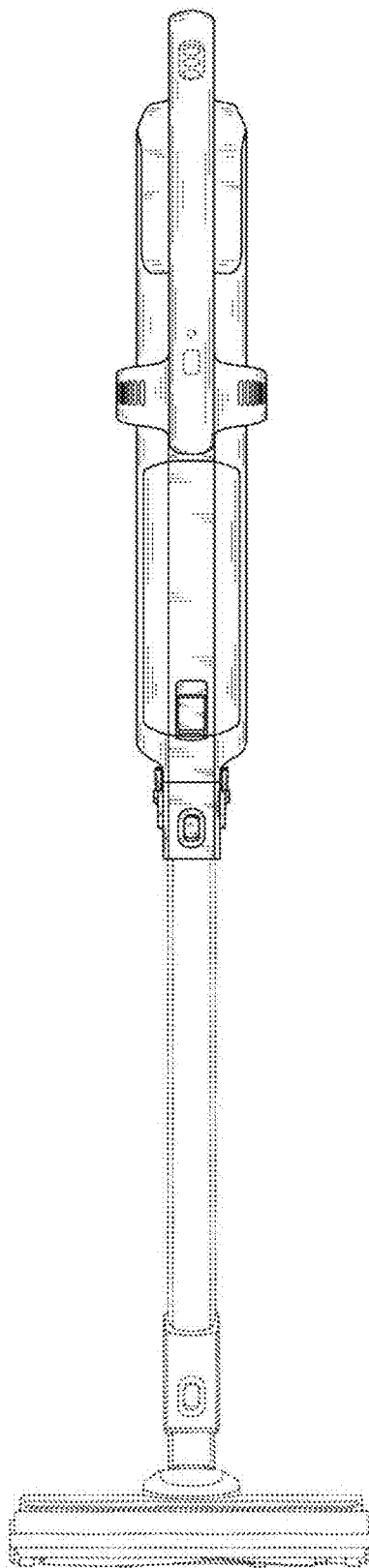


FIG. 3

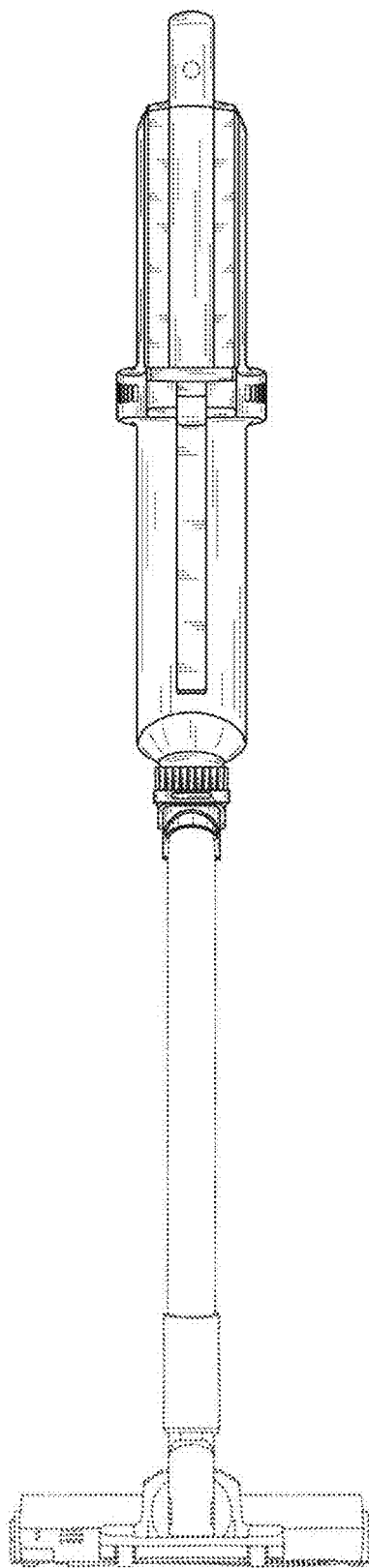


FIG. 4

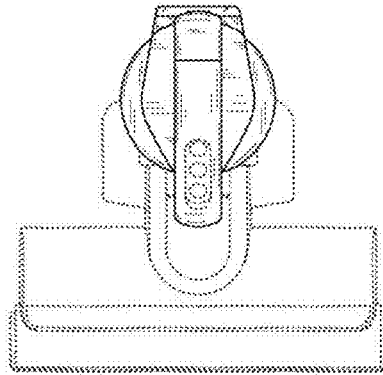


FIG. 5

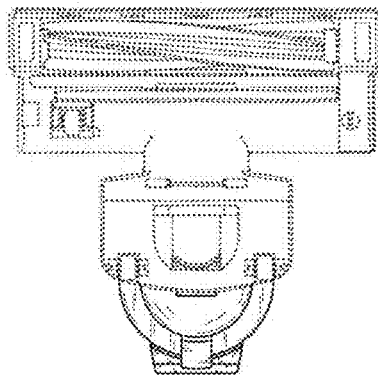


FIG. 6

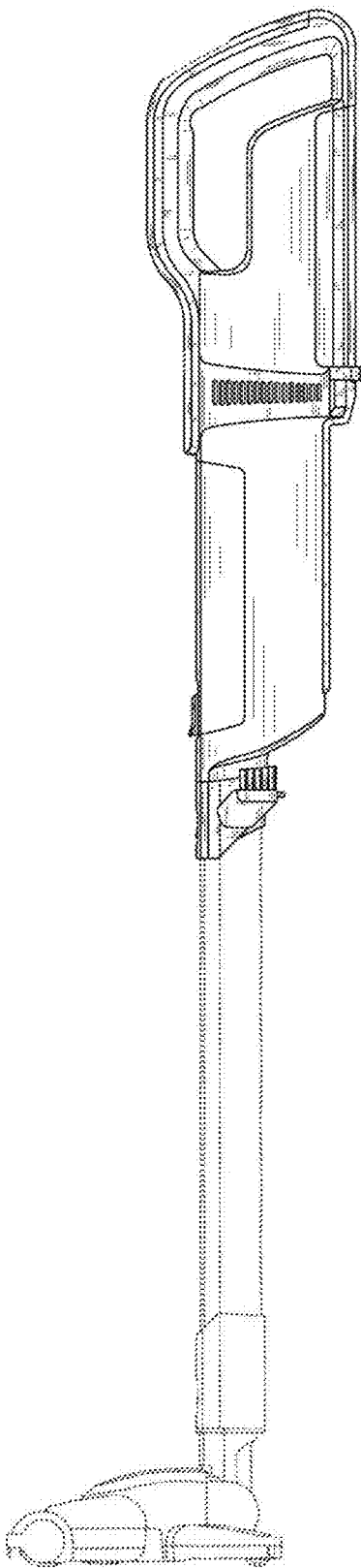


FIG. 7

