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(12) **United States Design Patent** (10) **Patent No.:** **US D829,393 S**
Shin (45) **Date of Patent:** **** Sep. 25, 2018**

(54) **VACUUM CLEANER**

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(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

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

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(52) **U.S. Cl.**
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CPC **A47L 5/225 (2013.01)**

(58) **Field of Classification Search**

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CPC A47L 5/24; A47L 5/28; A47L 5/34; A47L 5/362; A47L 5/36; A47L 11/34; A47L 9/325; A47L 9/20; A47L 9/02; A47L 9/32; A47L 9/322; A47L 9/327; A47L 7/0038

See application file for complete search history.

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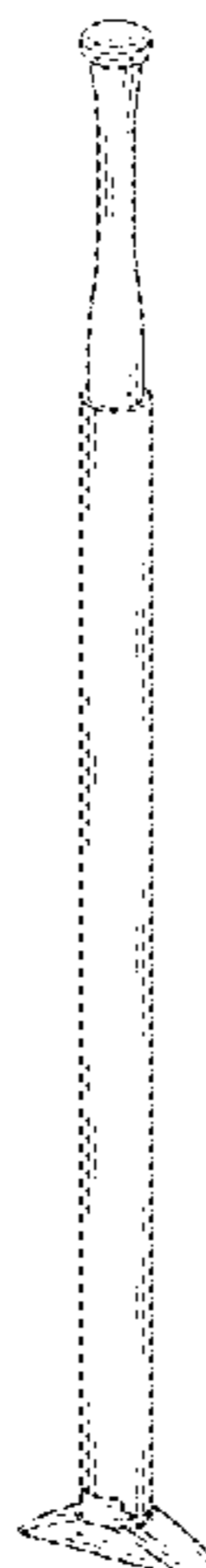
(57) **CLAIM**

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

DESCRIPTION

1. Vacuum cleaner
1.1 is a perspective view of a vacuum cleaner, showing our new design;
1.2 is a front elevation view thereof;
1.3 is a rear elevation view thereof;
1.4 is a left-side elevation view thereof;
1.5 is a right-side elevation view thereof;
1.6 is a top plan view thereof;
1.7 is a bottom plan view thereof;
1.8 is another perspective view thereof, mounted on a charging holder and having its handle inserted;
1.9 is another perspective view thereof, shown separate from the charging holder; and
1.10 is another perspective view thereof, in a use condition. The broken lines shown in figures 1.7 through 1.9 are for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

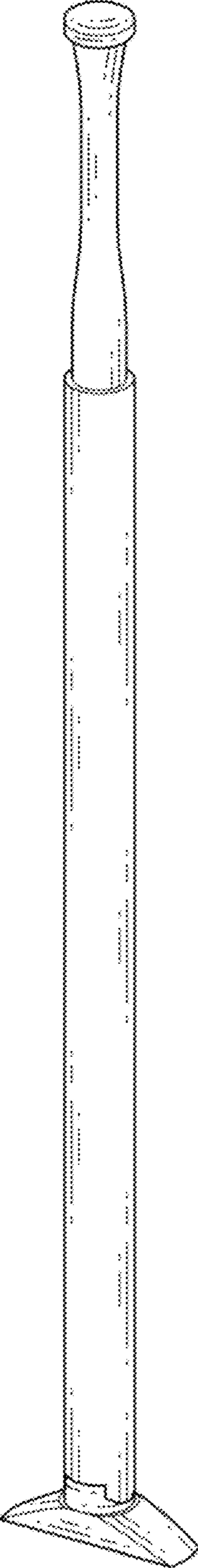
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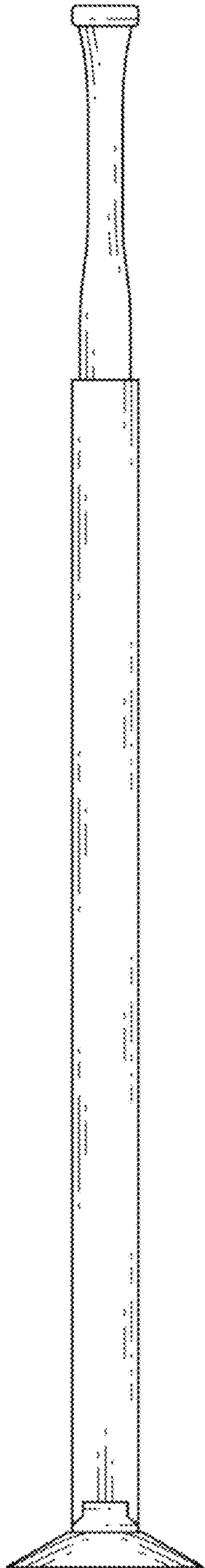
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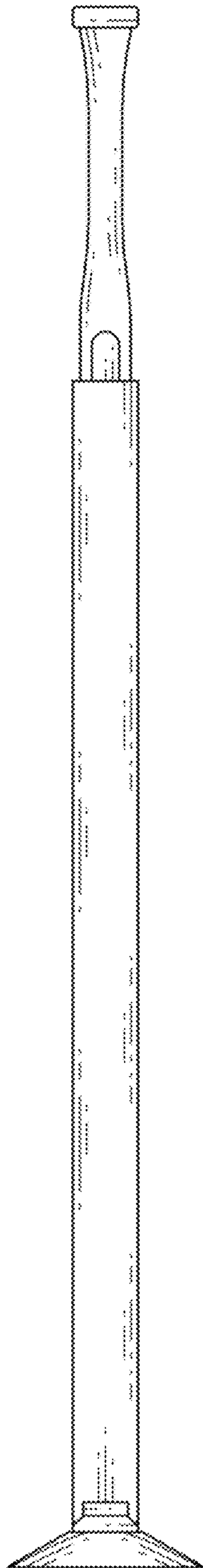
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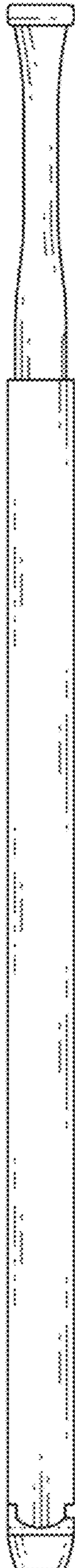
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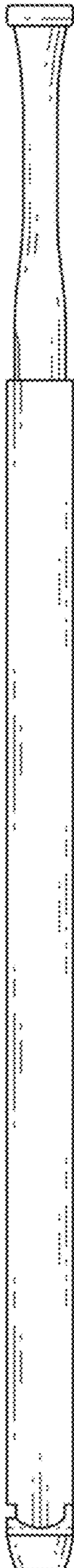
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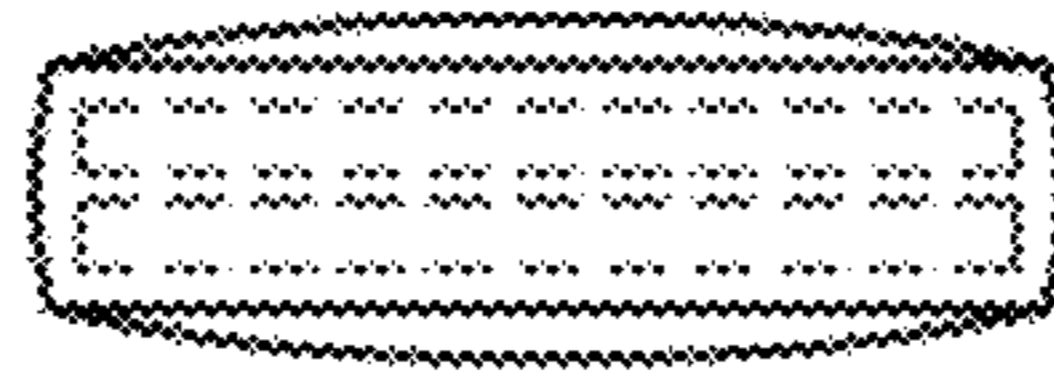
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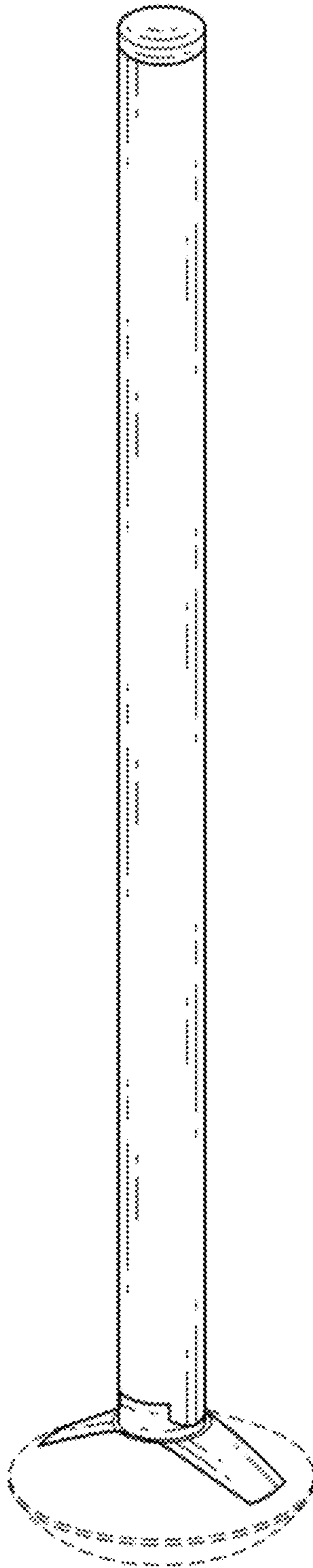
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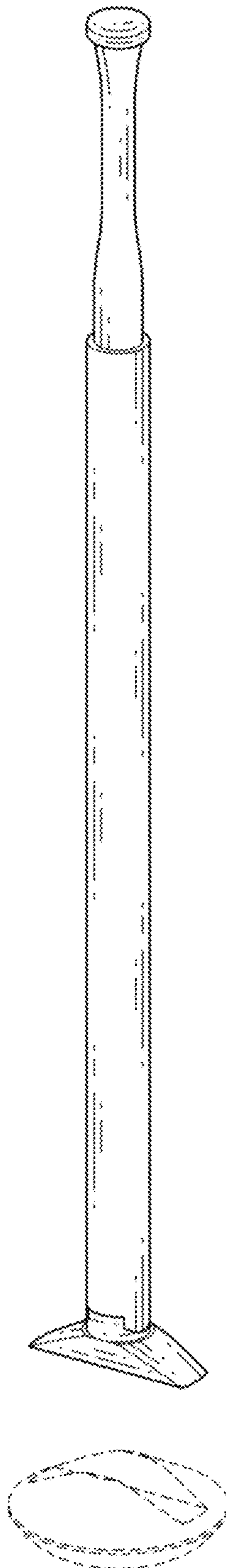
1.7



1.8



1.9



1.10

