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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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(58) **Field of Classification Search**  
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See application file for complete search history.

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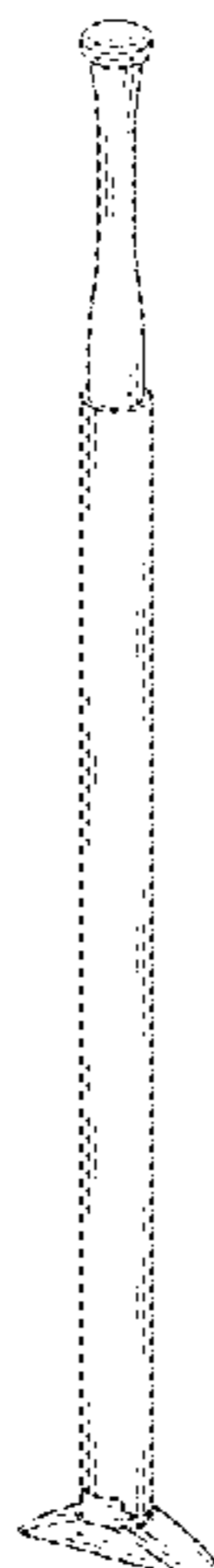
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(57) **CLAIM**  
The ornamental design for a vacuum cleaner, as shown and described.

**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)

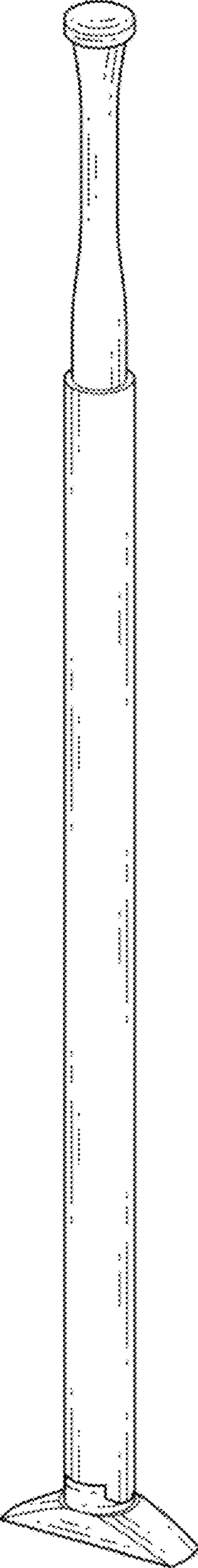
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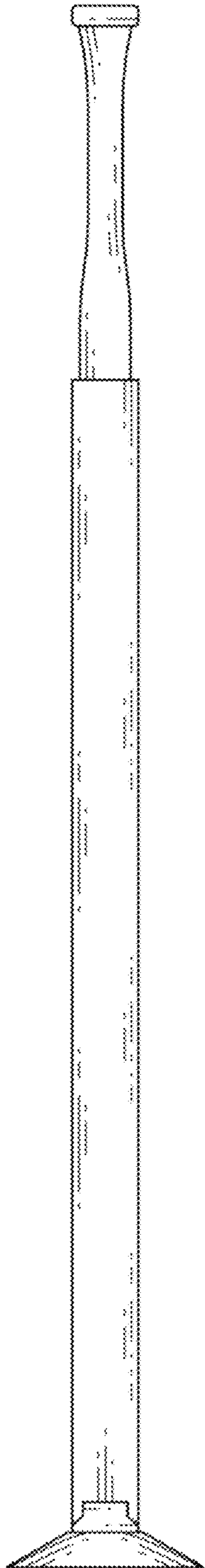
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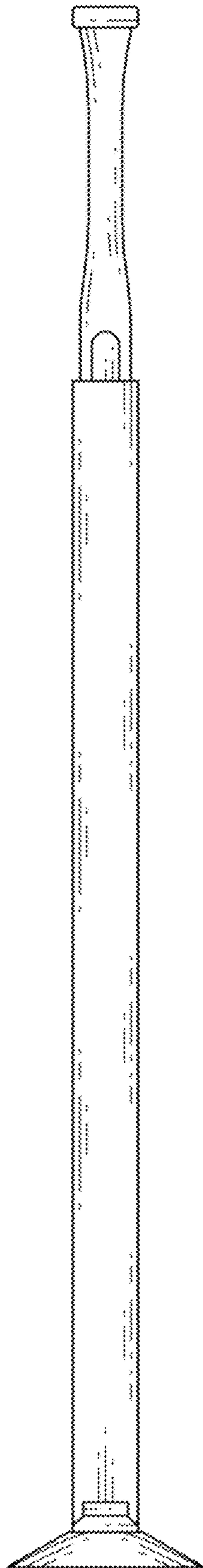
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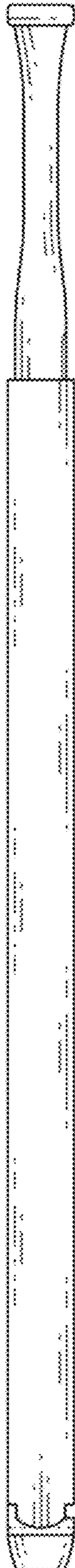
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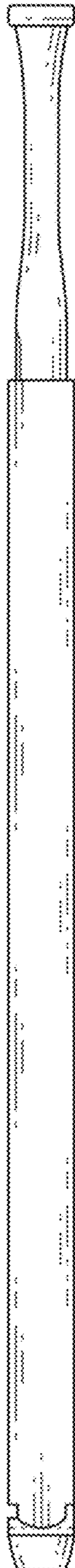
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1.4



1.5

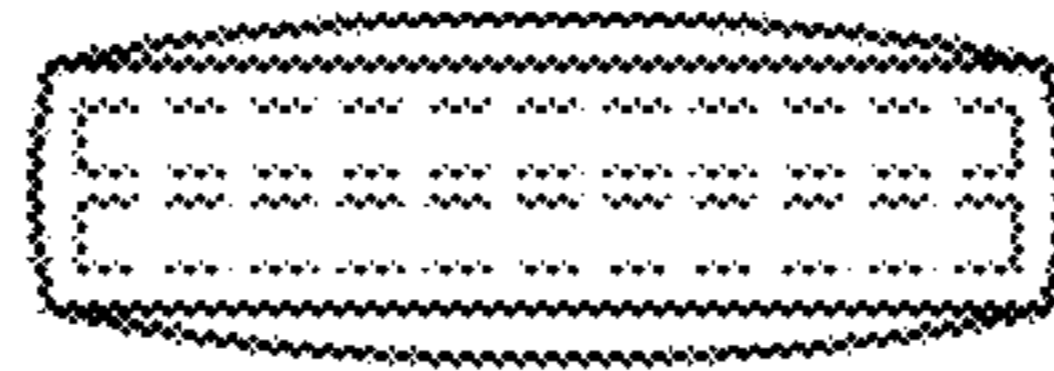


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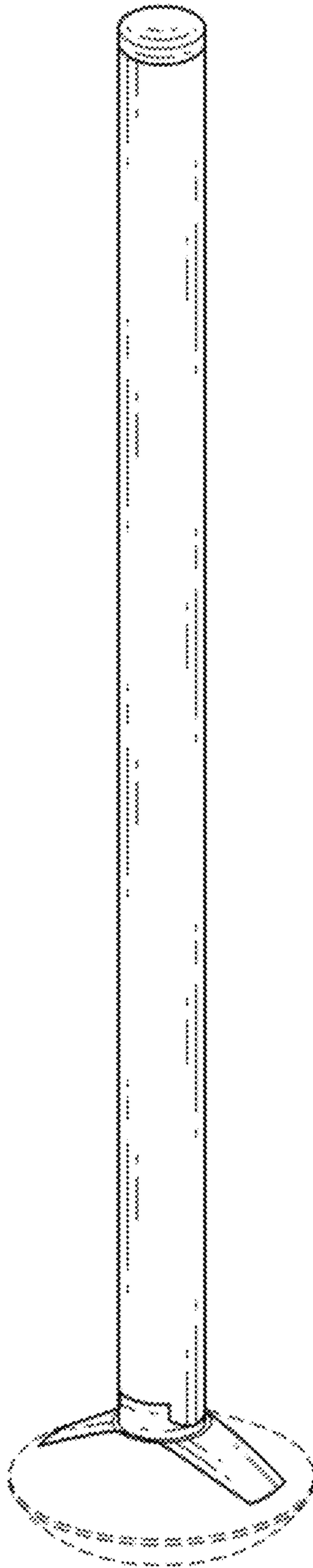




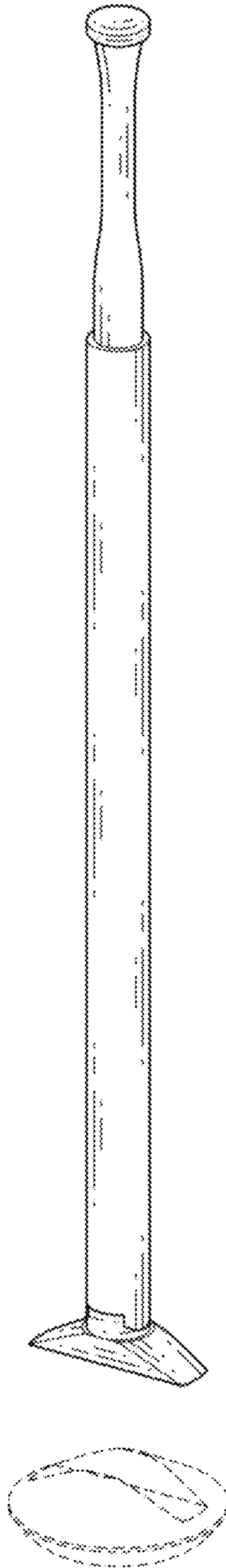
**1.7**



1.8



1.9



**1.10**

