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(12) **United States Design Patent**  
**Di Bono et al.**

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(54) **SWEEPER**

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D32/38; D32/51**

(58) **Field of Classification Search**  
USPC ..... D32/15, 17, 18, 21, 22, 31, 32, 33,  
D32/34, 35, 38, 39, 40, 42, 50, 51; 15/41.1,  
15/42, 47, 48, 104.93, 104.94, 105, 88.4,  
15/228; 401/138, 140, 279, 137, 268, 270  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D256,878 S \* 9/1980 Kubota et al. .... D32/38  
D312,154 S \* 11/1990 Kuroda ..... D32/38  
6,321,405 B1 \* 11/2001 Whittaker et al. .... 15/41.1

6,663,306 B2 \* 12/2003 Policicchio et al. .... 401/138  
6,842,936 B2 \* 1/2005 Policicchio et al. .... 15/104.94  
D507,389 S \* 7/2005 Kalman et al. .... D32/32  
D510,467 S \* 10/2005 Kizaki et al. .... D32/38  
6,953,299 B2 \* 10/2005 Wang et al. .... 401/279  
D544,664 S \* 6/2007 Santiago et al. .... D32/39  
D544,668 S \* 6/2007 Harper et al. .... D32/51  
7,340,795 B2 \* 3/2008 Kaleta ..... 15/42  
D613,918 S \* 4/2010 Benacquisto ..... D32/39  
2001/0046407 A1 \* 11/2001 Kunkler et al. .... 401/140  
2007/0107151 A1 \* 5/2007 Pung et al. .... 15/104.94  
2008/0016634 A1 \* 1/2008 Vosbikian et al. .... 15/104.93  
2009/0077761 A1 \* 3/2009 Kaleta et al. .... 15/88.4  
2010/0043167 A1 \* 2/2010 Bradbury et al. .... 15/228

\* cited by examiner

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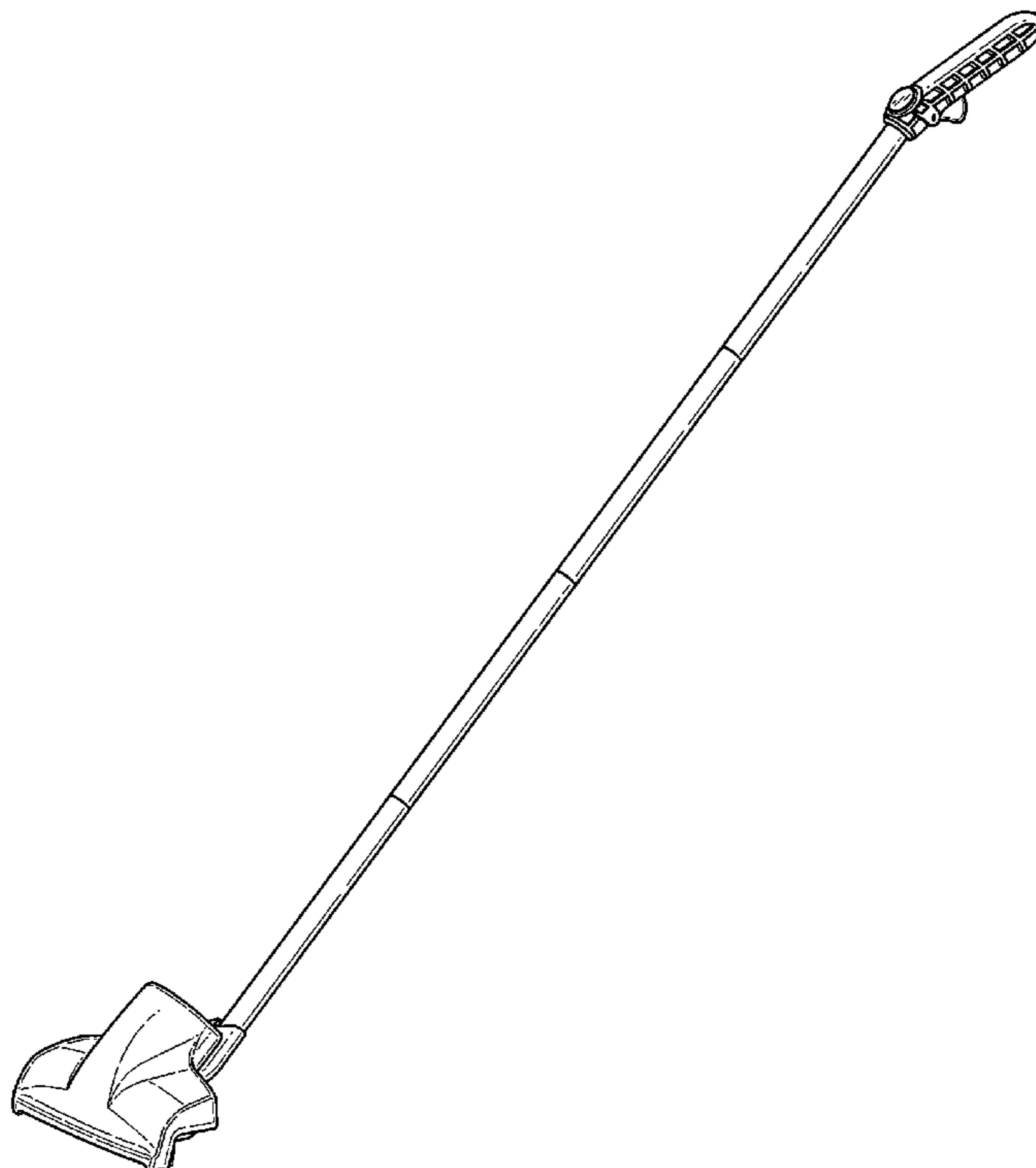
(57) **CLAIM**

The ornamental design for a sweeper, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a sweeper;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 5 Drawing Sheets**



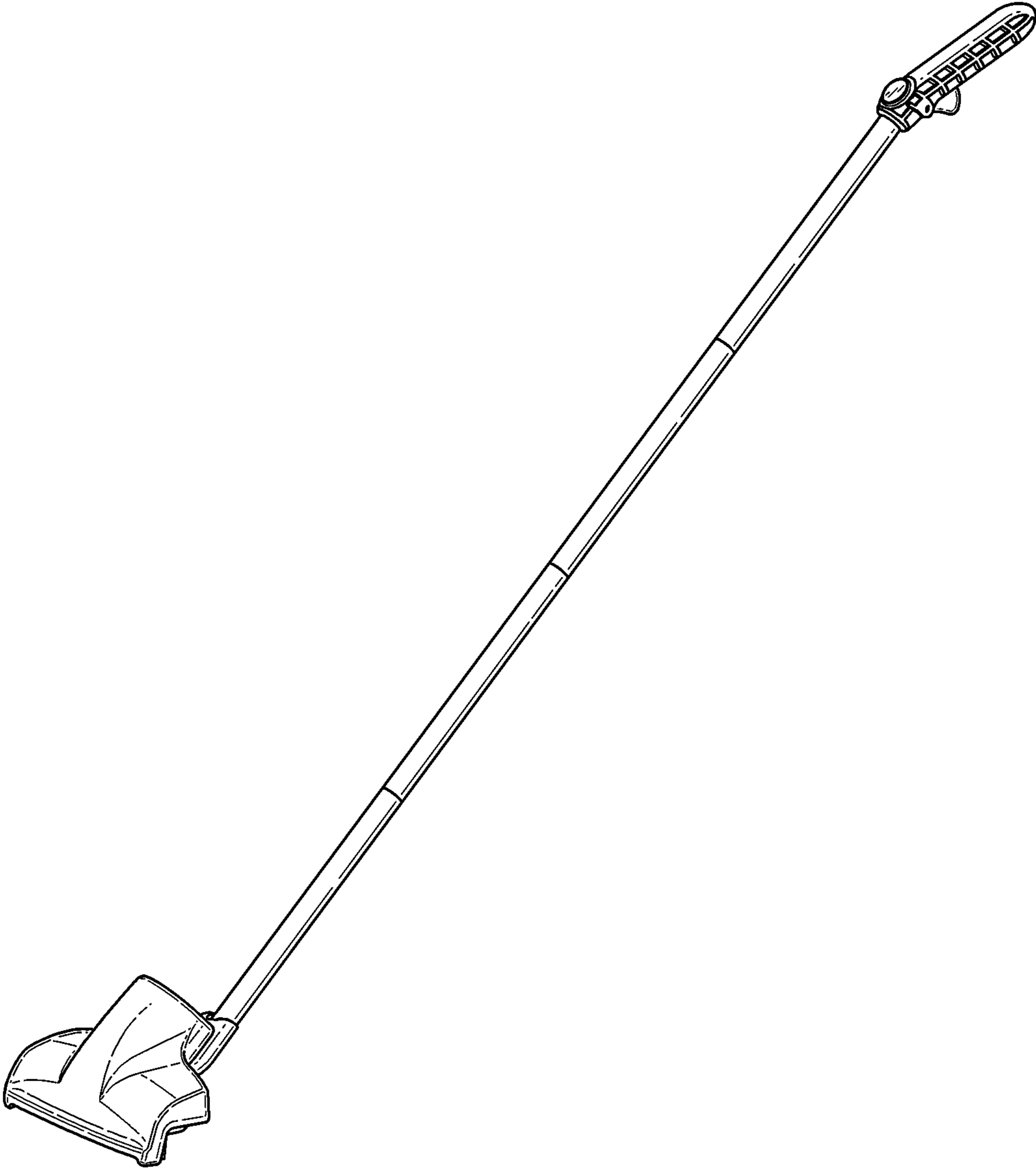


Fig. 1

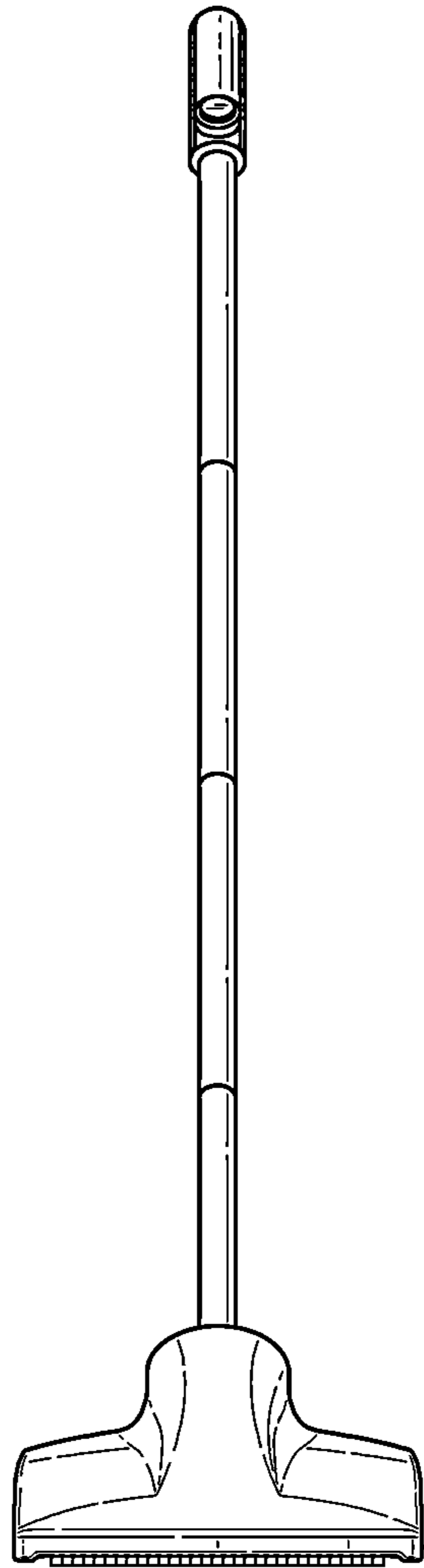


Fig. 2

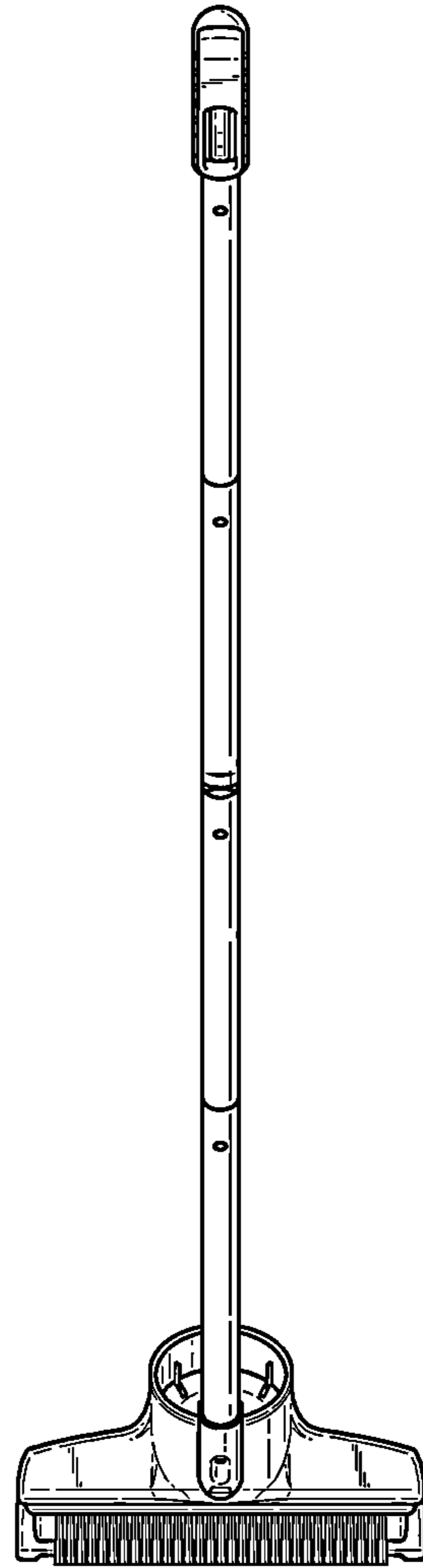


Fig. 3

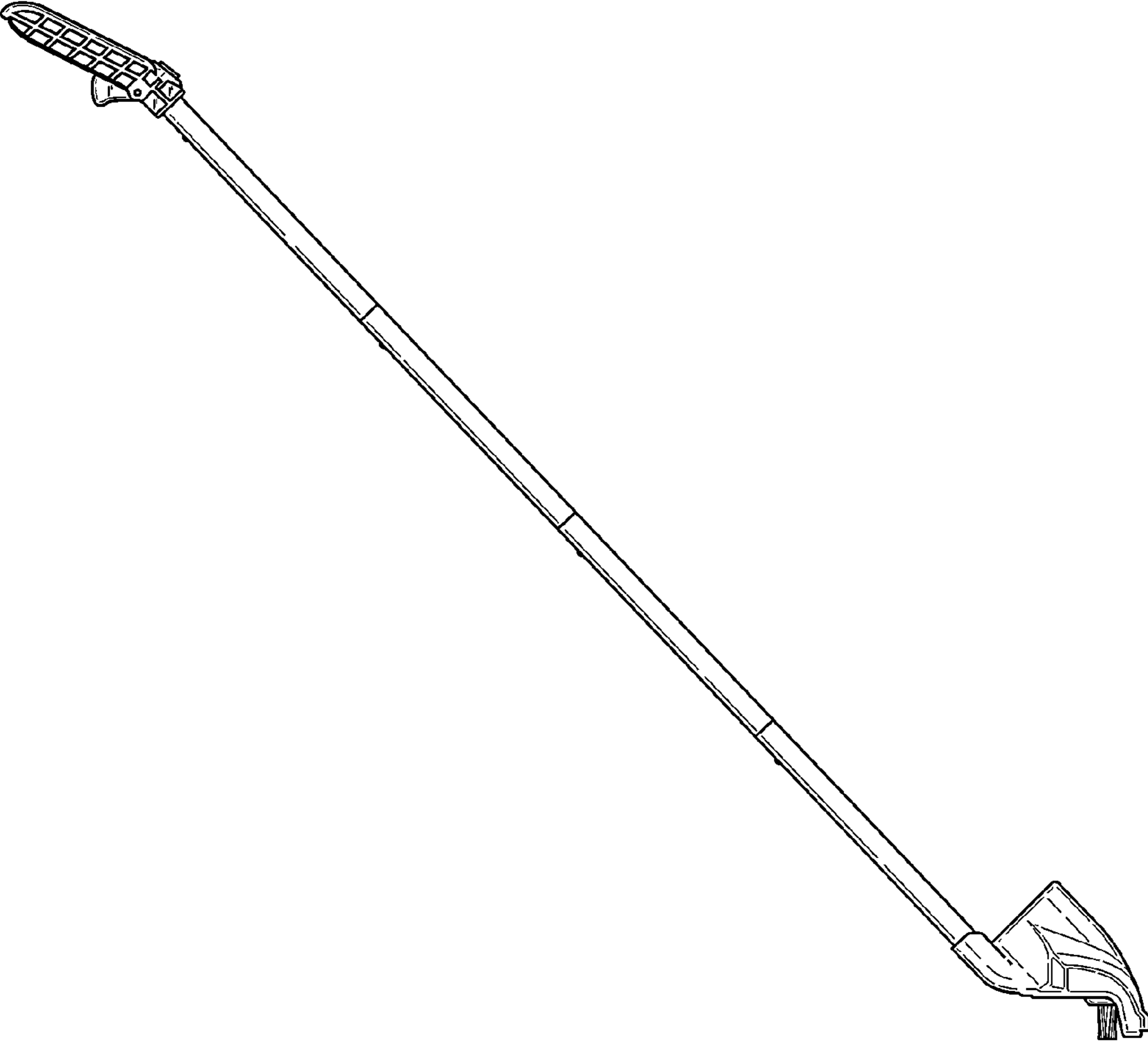


Fig. 4

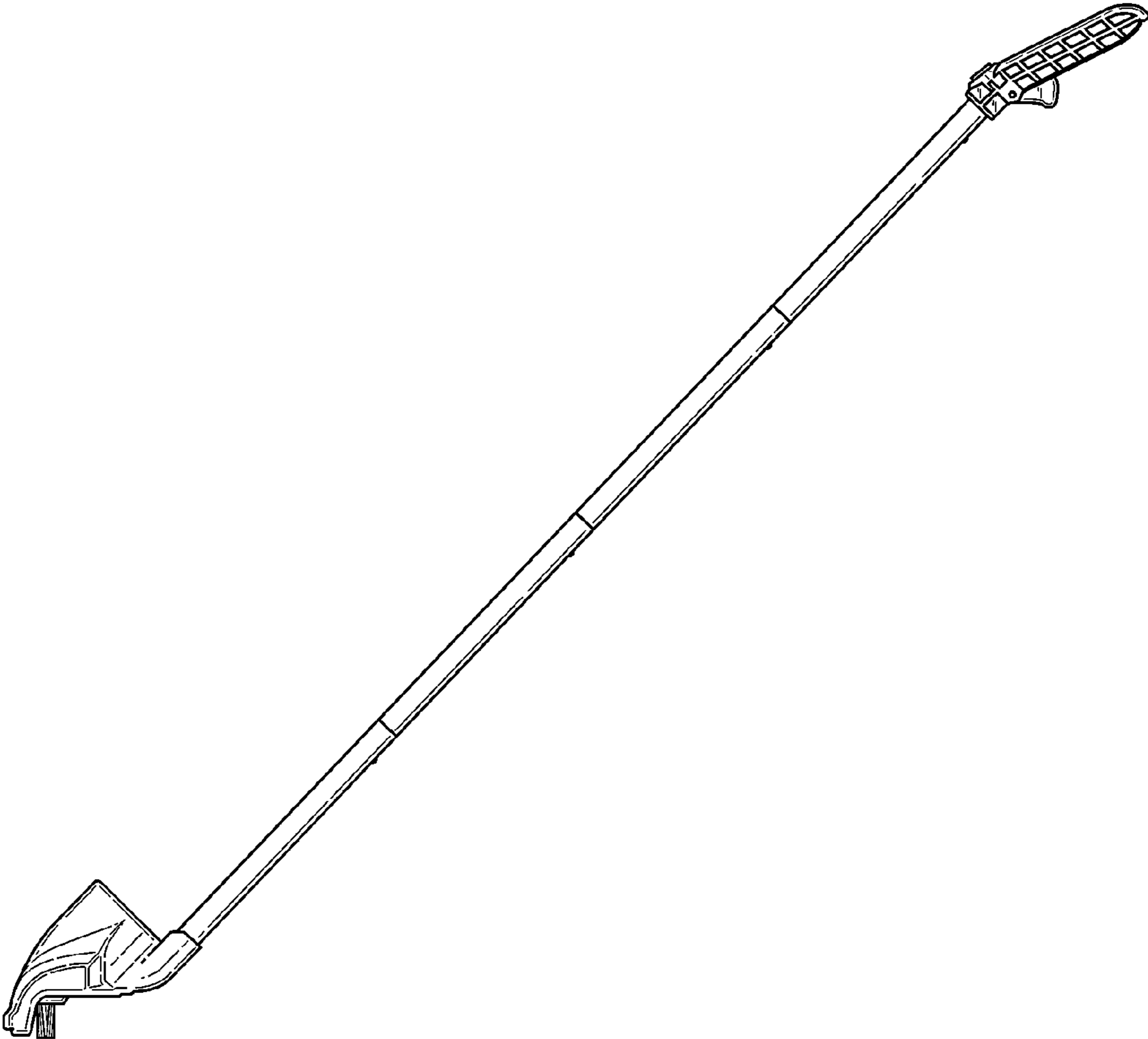


Fig. 5

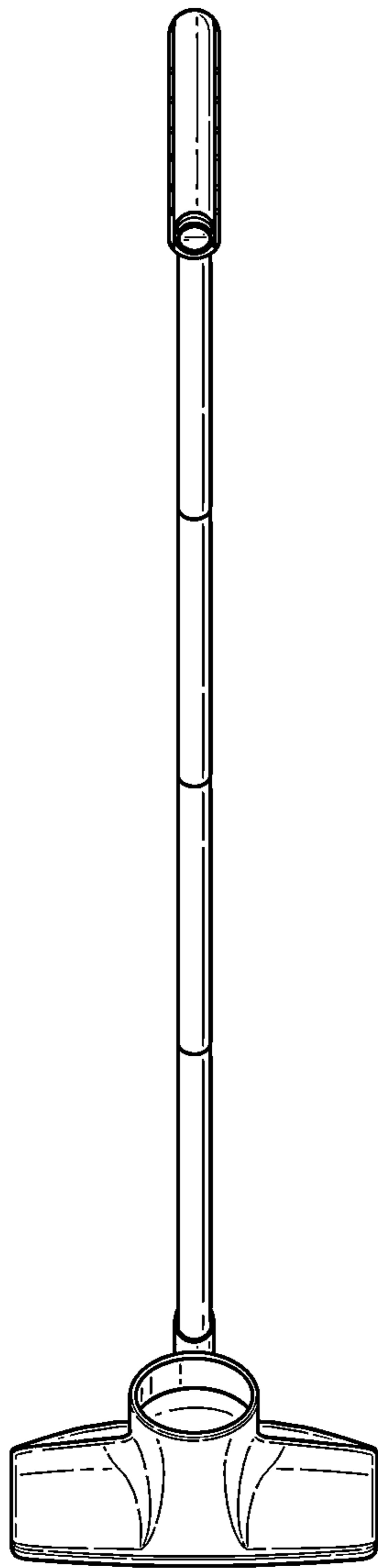


Fig. 6

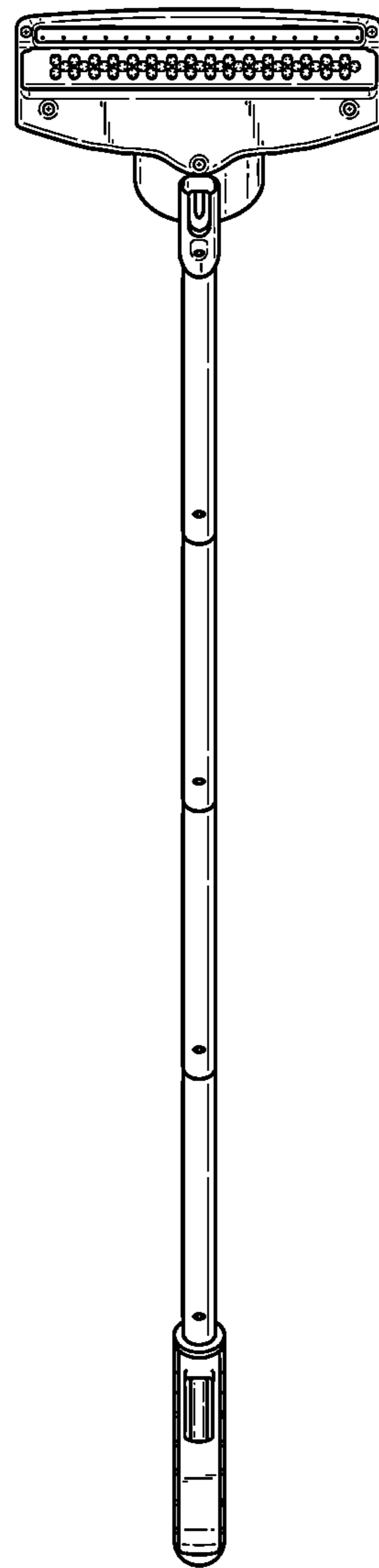


Fig. 7