



US00D845103S

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

(10) **Patent No.:** **US D845,103 S**

(45) **Date of Patent:** **\*\* Apr. 9, 2019**

- (54) **HOSE REMOVAL TOOL**
- (71) Applicant: **A & E Incorporated**, Racine, WI (US)
- (72) Inventor: **Eric Lauterbach**, Racine, WI (US)
- (73) Assignee: **A & E Incorporated**, Racine, WI (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/594,927**
- (22) Filed: **Feb. 23, 2017**
- (51) **LOC (11) Cl.** ..... **08-05**
- (52) **U.S. Cl.**  
USPC ..... **D8/88**
- (58) **Field of Classification Search**  
USPC ..... D8/14, 31, 88, 89, 47; D28/65; D24/152  
CPC ..... B66F 15/00  
See application file for complete search history.

- D728,788 S 5/2015 Chu
- D733,300 S \* 6/2015 Bennett ..... D24/147
- D750,247 S 2/2016 Cho
- D750,837 S \* 3/2016 Gast ..... D28/57
- D785,238 S \* 4/2017 Silva ..... D28/7
- D812,295 S \* 3/2018 Staab ..... D28/7

**OTHER PUBLICATIONS**

Webpage, <https://store.snapon.com/Radiator-and-Freeze-Plug-Tools-Radiator-Hose-Pick-Set-P886563.aspx>, dated Jun. 14, 2017, 1 page.  
 Webpage, <https://store.snapon.com/soft-Grip-Hose-Picks-Set-Radiator-Hose-Pick-Heavy-Duty-3pc-P646488.aspx>, 1 page.

\* cited by examiner

*Primary Examiner* — Philip S Hyder  
 (74) *Attorney, Agent, or Firm* — Ryan Kromholz & Manion, S.C.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D285,367 S \* 8/1986 Lindner ..... D28/57
- 5,213,146 A \* 5/1993 Onozawa ..... B60C 25/02  
157/1.3
- D395,809 S \* 7/1998 Brown ..... D8/31
- D437,459 S \* 2/2001 Inaba ..... D28/65
- 6,382,974 B1 \* 5/2002 Garfinkel ..... A61C 3/00  
433/141
- 6,588,479 B1 7/2003 Kliskey
- D558,346 S 12/2007 Damold
- D560,800 S \* 1/2008 Curtis ..... D24/119
- D573,309 S \* 7/2008 Wittke-Kothe ..... D24/149
- D594,298 S 6/2009 Kliskey
- D627,886 S 11/2010 Williamson
- D627,992 S 11/2010 Kapasi
- D700,331 S 2/2014 Lim

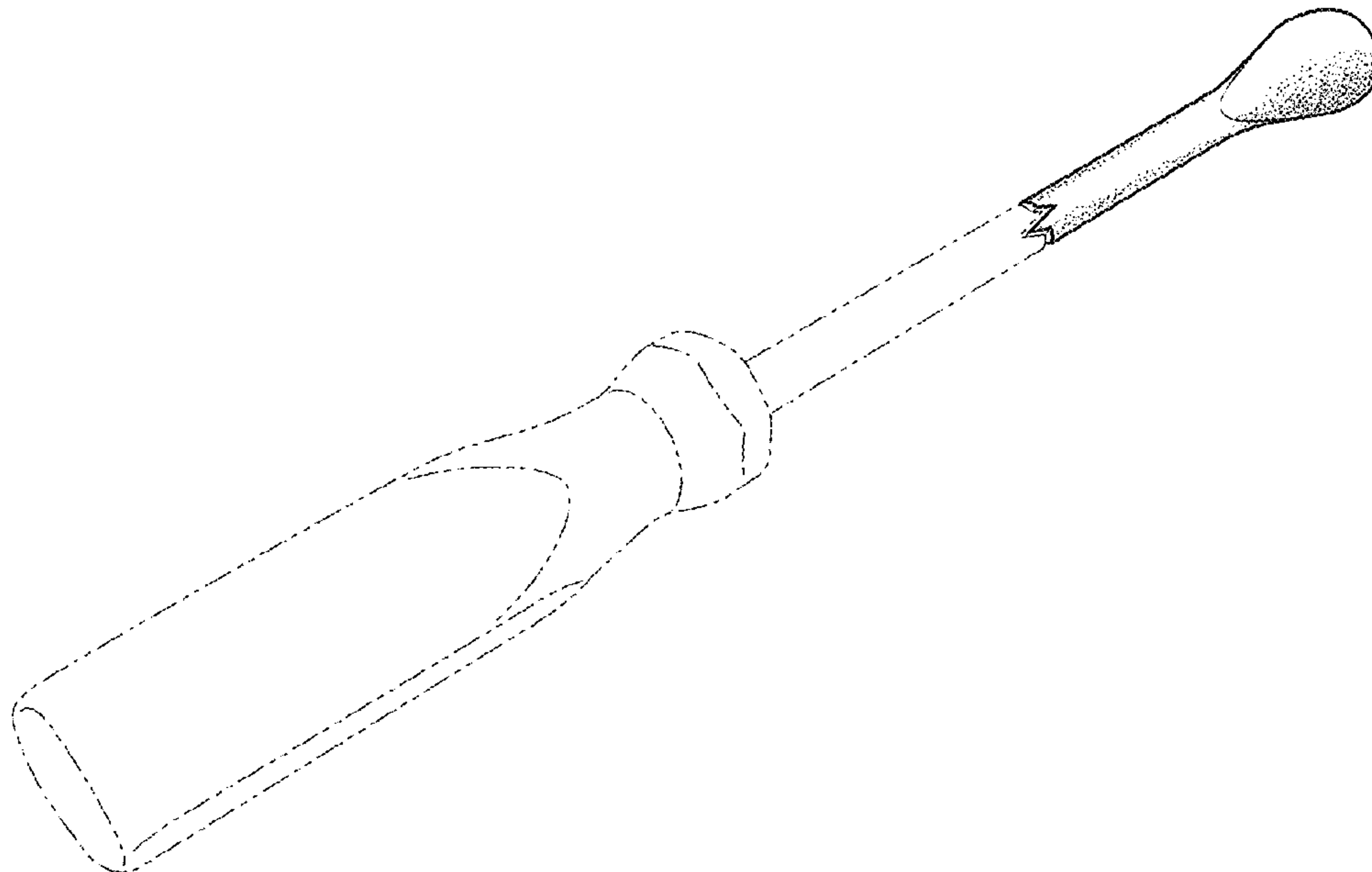
(57) **CLAIM**

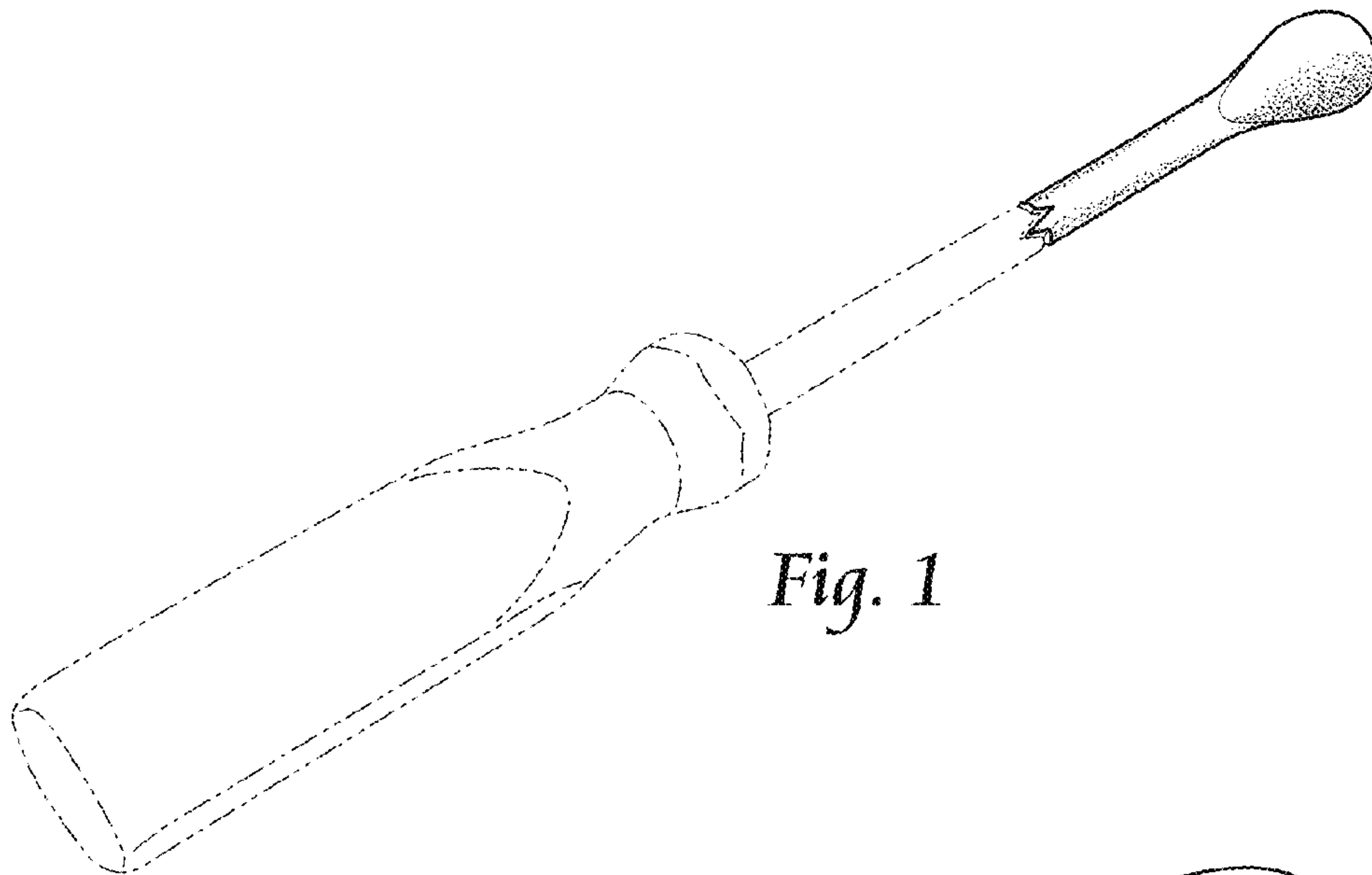
The ornamental design for a hose removal tool, as shown and described.

**DESCRIPTION**

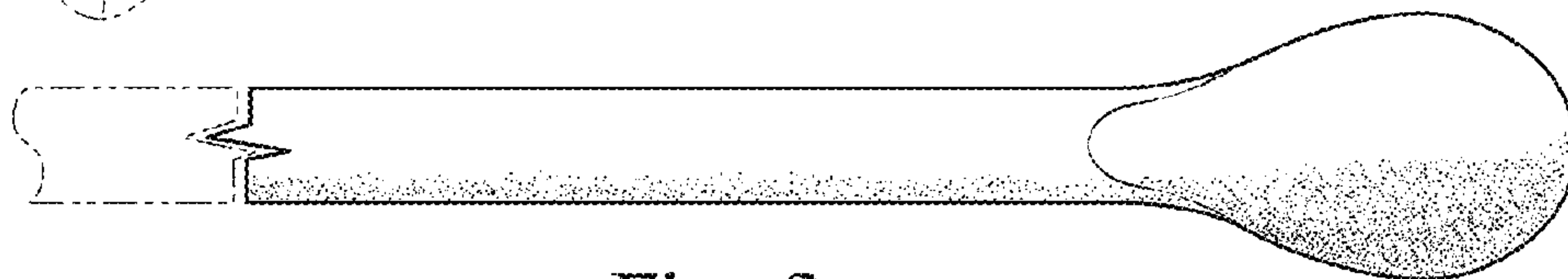
FIG. 1 is a perspective view of the hose removal tool;  
 FIG. 2 is a top view of the hose removal tool;  
 FIG. 3 is a bottom view of the hose removal tool;  
 FIG. 4 is a first side view of the hose removal tool;  
 FIG. 5 is a second side view of the hose removal tool;  
 FIG. 6 is a front view of the hose removal tool; and,  
 FIG. 7 is a rear view of the hose removal tool.  
 All broken lines illustrate portions of the hose removal tool that form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**

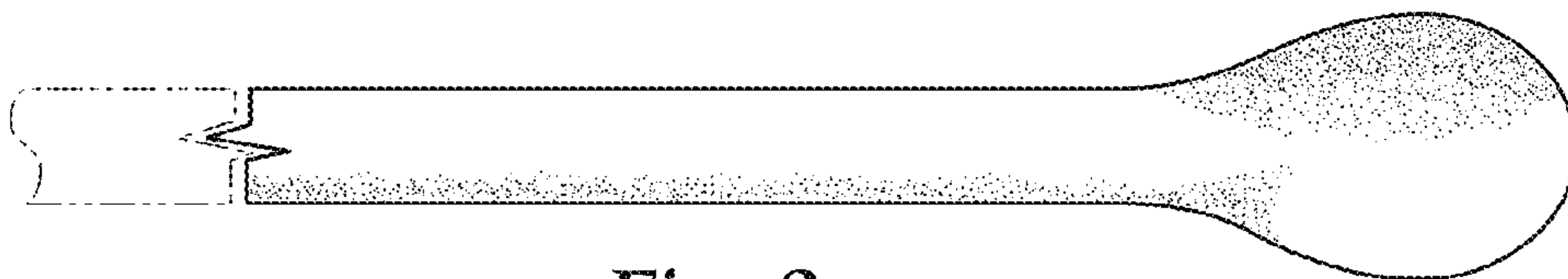




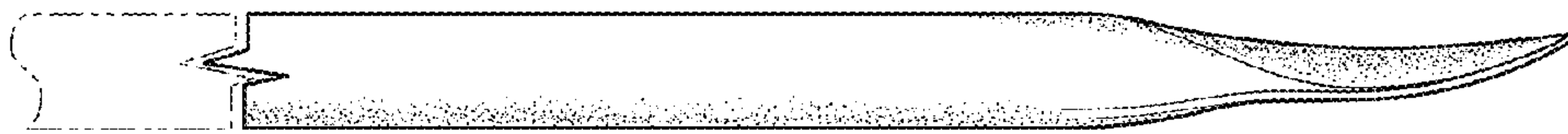
*Fig. 1*



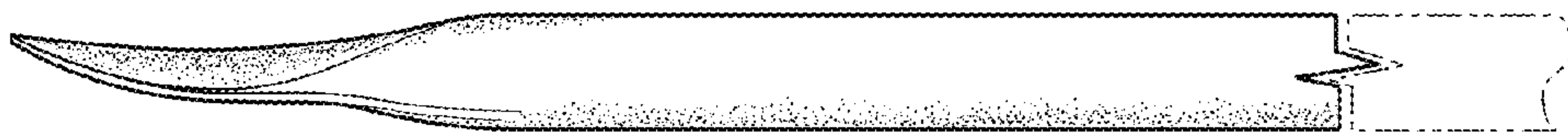
*Fig. 2*



*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*



*Fig. 7*