



US00D901794S

(12)

**United States Design Patent**  
**Schutte et al.**

(10)

**Patent No.:**  
**US D901,794 S**

(45)

**Date of Patent:**  
**\*\* Nov. 10, 2020**

(54) DRAIN CLEANING TOOL

(71) Applicant: BRASSCRAFT MANUFACTURING COMPANY, Novi, MI (US)

(72) Inventors: Joseph P. Schutte, Ann Arbor, MI (US); Siddharth Chakrapani, Novi, MI (US)

(73) Assignee: BRASSCRAFT MANUFACTURING COMPANY, Novi, MI (US)

(\*\*) Term: 15 Years

(21) Appl. No.: 29/646,078

(22) Filed: May 1, 2018

(51) LOC (12) Cl. 15-05

(52) U.S. Cl. USPC D32/14

(58) Field of Classification Search  
USPC D7/678; D32/40, 43, 45–46, 50–52, 14; D8/47, 82–86, 90; D21/449; D14/230; D9/429, 434  
CPC A47L 13/255; A47L 13/20; A63H 27/00; B08B 9/045  
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

566,570 A \* 8/1896 Frick A24F 9/06 131/245

D384,507 S \* 10/1997 Mudie D32/52

D435,944 S \* 1/2001 Luoma D32/14

D436,237 S \* 1/2001 Mosley D32/14

D451,372 S \* 12/2001 Cedarberg, III D8/394

6,775,873 B2 \* 8/2004 Luoma E03C 1/302 15/104.001

D511,278 S \* 11/2005 Carfagnini D8/19

D518,252 S \* 3/2006 Wu D32/14

D542,928 S \* 5/2007 Bauer D24/217

D610,761 S \* 2/2010 Gengler D32/35

D639,623 S \* 6/2011 Tash D32/14

D649,307 S \* 11/2011 Zach D32/14

D649,723 S \* 11/2011 Zach D32/14

D649,724 S \* 11/2011 Zach D32/14

D652,184 S \* 1/2012 Zach D32/14

D655,466 S \* 3/2012 Zach D32/14

D657,099 S \* 4/2012 Zach D32/14

D659,918 S \* 5/2012 Zach D32/14

D706,004 S \* 5/2014 Dennis D32/14

D707,406 S \* 6/2014 Dennis D32/14

2008/0276359 A1 \* 11/2008 Morgan B08B 9/0436 4/255.04

2009/0293214 A1 \* 12/2009 Ackerman B08B 9/0436 15/104.05

2013/0133147 A1 \* 5/2013 Tash B08B 9/045 15/104.33

FOREIGN PATENT DOCUMENTS

KR 300511287.0000 \* 11/2008

OTHER PUBLICATIONS

Amazon.com: Brasscraft BC00400 Zip-it Drain Cleaning Tool, reviews 2017, <https://www.amazon.com/BRASSCRAFT-BC00400-Zip-Drain-Cleaning/dp/B014LVI3M0>, site visited Dec. 21, 2019.\*  
(Continued)

Primary Examiner — John R Yeh  
(74) Attorney, Agent, or Firm — Kirk W. Rudolph

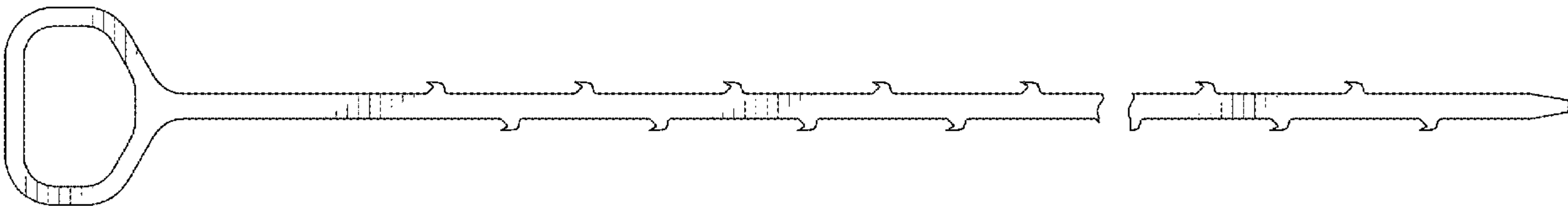
(57) CLAIM

The ornamental design for a drain cleaning tool, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a drain cleaning tool showing our design; and,  
FIG. 2 is a side elevation view thereof.

1 Claim, 1 Drawing Sheet



(56)

**References Cited**

OTHER PUBLICATIONS

Cobra Hair Snake Flexible Stick Drain Opener—Walmart.com, reviews 2019, [https://www.walmart.com/ip/Cobra-Hair-Snake-Flexible-Stick-Drain-Opener-Clogged-Sin . . .](https://www.walmart.com/ip/Cobra-Hair-Snake-Flexible-Stick-Drain-Opener-Clogged-Sin...) site visited May 25, 2020.\*

\* cited by examiner

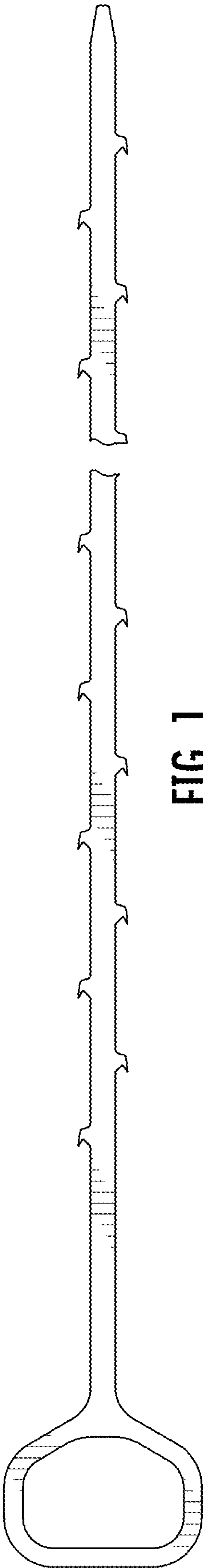


FIG. 1



FIG. 2