



US00D789764S

(12) **United States Design Patent**  
**Meier et al.**

(10) **Patent No.:** **US D789,764 S**

(45) **Date of Patent:** **\*\* Jun. 20, 2017**

(54) **TOOL HANDLE**

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

(72) Inventors: **Thomas C. Meier**, Woodbury, MN (US); **Mark W. Baldwin**, Woodbury, MN (US); **David J. Prince**, St. Paul, MN (US)

(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

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

(21) Appl. No.: **29/542,612**

(22) Filed: **Oct. 15, 2015**

(51) **LOC (10) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/107**; D4/138

(58) **Field of Classification Search**  
USPC ..... D8/107, 300; D4/138; D9/395; D32/49, D32/52  
CPC ..... A46B 5/00; A46B 5/0004; A46B 11/00; A46B 11/001; A47K 17/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,816,313	A	12/1957	Beck	
3,221,356	A	12/1965	Schirmer	
3,383,158	A	5/1968	Leland	
4,466,152	A	8/1984	Moss	
4,493,124	A	1/1985	Agapiou	
4,852,201	A	8/1989	Wundrock	
5,488,748	A	2/1996	Koch	
5,592,713	A	1/1997	Rones	
5,630,243	A	5/1997	Federico	
D431,414	S *	10/2000	Munari	D7/395
D442,428	S *	5/2001	Munari	D7/395
6,295,688	B1	10/2001	Sayles	

6,435,750	B1	8/2002	Serna	
6,463,620	B2	10/2002	Busha	
D502,002	S *	2/2005	Conway	D32/51
D516,895	S	3/2006	Minkler	
D540,617	S	4/2007	Dotterman	
7,316,046	B2	1/2008	Michaels	
D579,265	S *	10/2008	Munari	D7/395
D591,020	S	4/2009	Dotterman	
D632,491	S *	2/2011	Lowe	D4/138
8,733,852	B2 *	5/2014	Gold	A47K 17/00 206/15.3
D716,055	S	10/2014	Kassem Llano	
D724,379	S *	3/2015	Munari	D7/395
9,021,649	B2	5/2015	Minkler	

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP	1 190 657	3/2002
WO	WO 87/00022	1/1987
WO	WO 01/15587	3/2001

*Primary Examiner* — Phillip S Hyder

(74) *Attorney, Agent, or Firm* — Irina Hass

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view showing a new design for a tool handle;

FIG. 2 is a front view thereof, a rear view being a mirror image thereof;

FIG. 3 is a top view thereof;

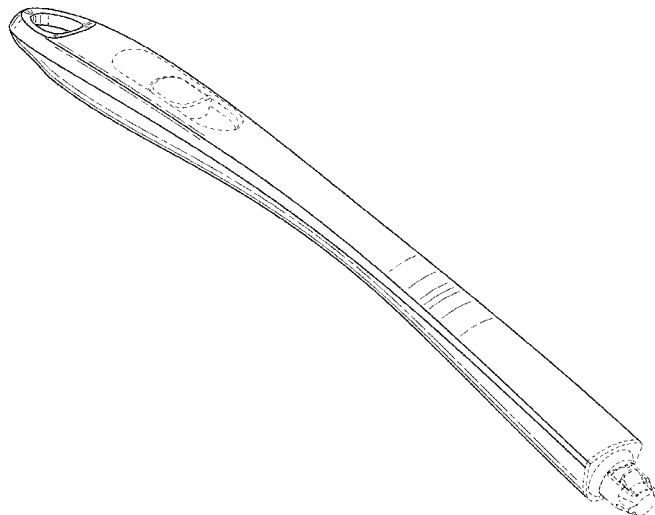
FIG. 4 is a bottom view thereof;

FIG. 5 is a left side view thereof; and,

FIG. 6 is a right side view thereof.

The portions of the tool handle in FIGS. 1-6 shown in broken lines are included to show features that form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



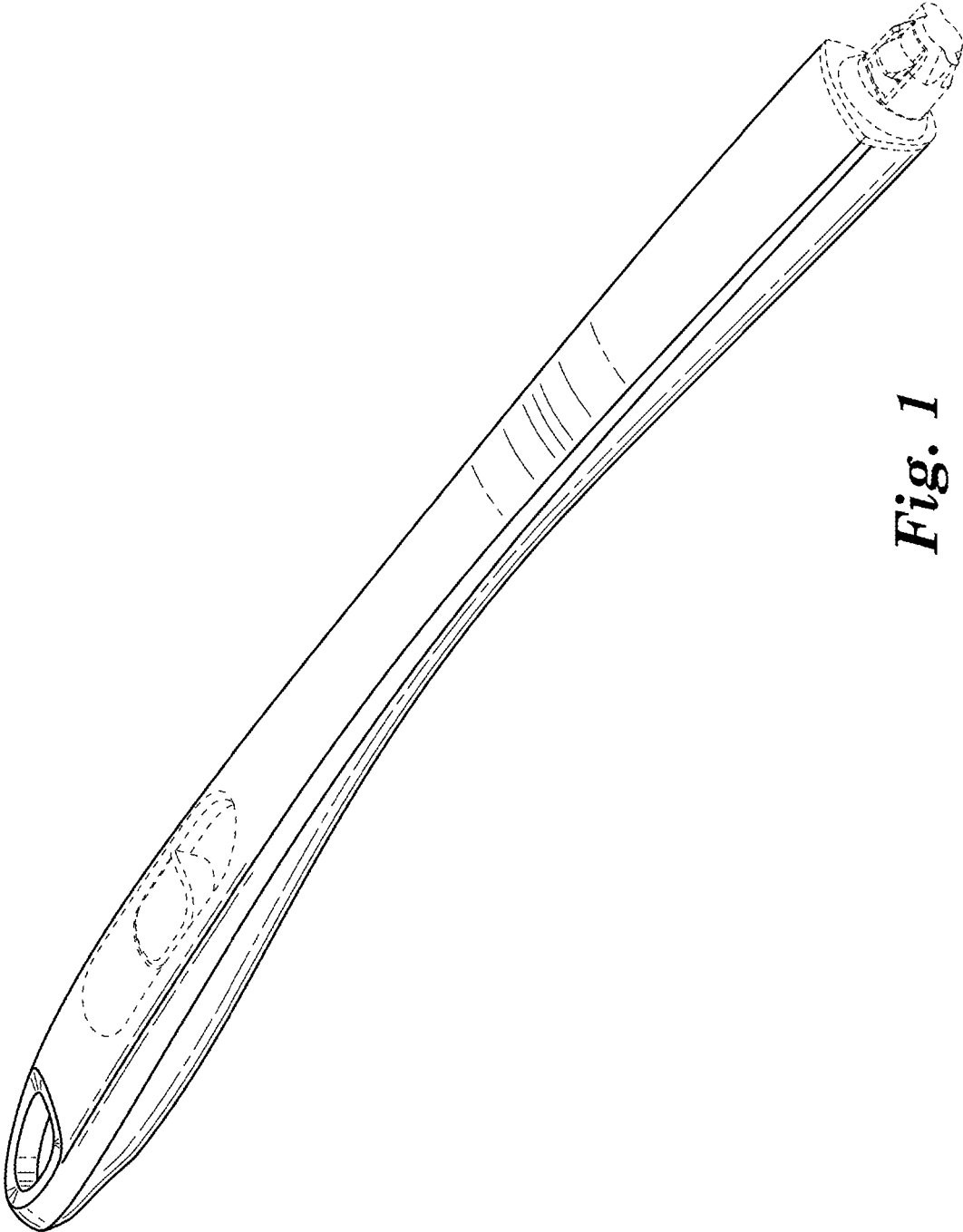
(56)

**References Cited**

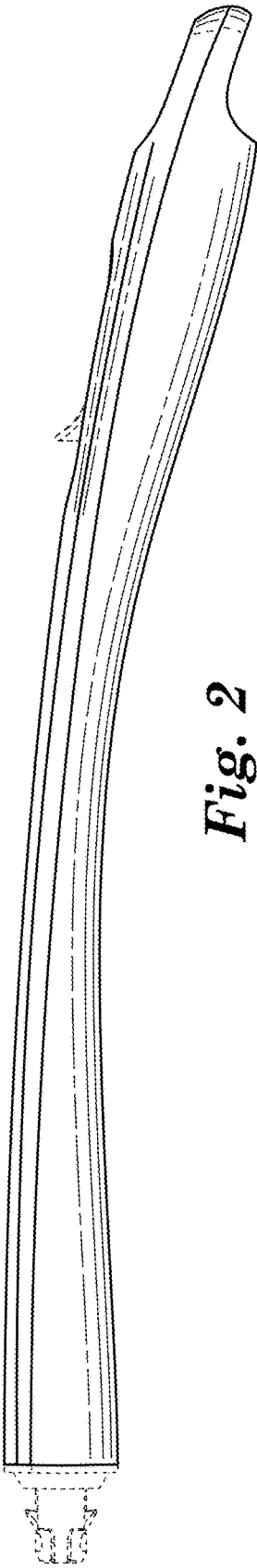
U.S. PATENT DOCUMENTS

D730,686	S	*	6/2015	Barberi .....	D7/395
D737,094	S	*	8/2015	Hundley .....	D7/395
D746,121	S	*	12/2015	Choi .....	D8/107
D761,568	S	*	7/2016	Harrington .....	D4/138
D772,580	S	*	11/2016	Harrington .....	D4/138
2009/0152132	A1		6/2009	Wang	
2014/0251844	A1		9/2014	Michelson	

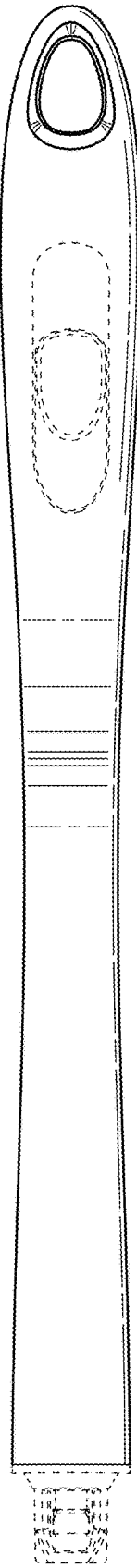
\* cited by examiner



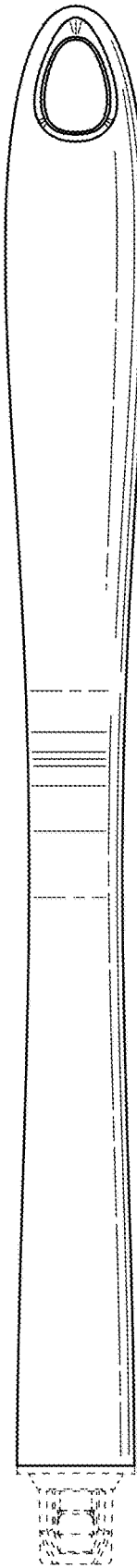
*Fig. 1*



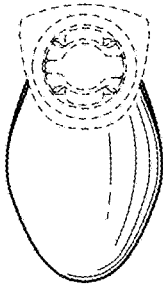
*Fig. 2*



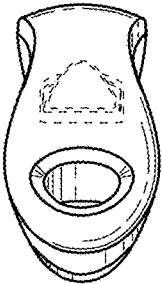
*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*