US00D519350S

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

(10) **Patent No.: US D519,350 S**
(45) **Date of Patent: ** Apr. 25, 2006**

(54) **HACKSAW FRAME**

(75) Inventors: **James M. Critelli**, Fuquay-Varina, NC (US); **Stephen E. Donelson**, Raleigh, NC (US)

(73) Assignee: **Cooper Brands, Inc.**, Houston, TX (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/204,512**

(22) Filed: **Apr. 29, 2004**

(51) **LOC (8) Cl.** **08-03**
(52) **U.S. Cl.** **D8/96**
(58) **Field of Classification Search** D8/95, D8/96, 97, 98, 99; 30/509, 507, 508, 513, 30/514, 517, 522, 512
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

766,077	A	7/1904	Tilden
1,028,230	A	6/1912	Leonard
1,080,365	A	12/1913	O'Neill et al.
1,187,460	A	6/1916	Jull
1,197,430	A	9/1916	Barnes et al.
1,206,638	A	11/1916	Wren
1,245,345	A	11/1917	Howell
1,394,174	A	10/1921	Ireland et al.
1,517,827	A	12/1924	De Grado
1,522,598	A	1/1925	Smith
1,565,861	A	12/1925	McIntire

(Continued)

Primary Examiner—Philip S. Hyder
(74) *Attorney, Agent, or Firm*—Coats & Bennett, P.L.L.C.

(57) **CLAIM**

The ornamental design for a hacksaw frame, as shown and described.

DESCRIPTION

FIG. **1** shows a left side view of a first embodiment of a hacksaw frame according to the present invention.

FIG. **2** shows a right side view of the hacksaw frame embodiment of FIG. **1**.

FIG. **3** shows a top view of the hacksaw frame embodiment of FIG. **1**.

FIG. **4** shows a bottom view of the hacksaw frame embodiment of FIG. **1**.

FIG. **5** shows a front view of the hacksaw frame embodiment of FIG. **1**.

FIG. **6** shows a rear view of the hacksaw frame embodiment of FIG. **1**.

FIG. **7** shows a left side view of a second embodiment of a hacksaw frame according to the present invention with potential saw blade positions shown in phantom lines.

FIG. **8** shows a right side view of the hacksaw frame embodiment of FIG. **7**.

FIG. **9** shows a top view of the hacksaw frame embodiment of FIG. **7**.

FIG. **10** shows a bottom view of the hacksaw frame embodiment of FIG. **7**.

FIG. **11** shows a front view of the hacksaw frame embodiment of FIG. **7**.

FIG. **12** shows a rear view of the hacksaw frame embodiment of FIG. **7**.

FIG. **13** shows a left side view of a third embodiment of a hacksaw frame according to the present invention with potential saw blade positions shown in phantom lines.

FIG. **14** shows a right side view of the hacksaw frame embodiment of FIG. **13**.

FIG. **15** shows a top view of the hacksaw frame embodiment of FIG. **13**.

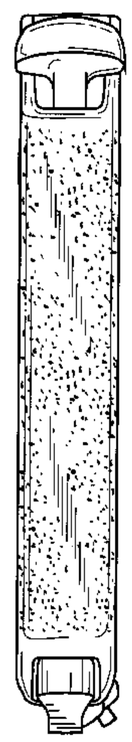
FIG. **16** shows a bottom view of the hacksaw frame embodiment of FIG. **13**.

FIG. **17** shows a front view of the hacksaw frame embodiment of FIG. **13**; and,

FIG. **18** shows a rear view of the hacksaw frame embodiment of FIG. **13**.

Throughout the Figures, aspects shown in broken lines are not considered a portion of the claimed ornamental design.

1 Claim, 12 Drawing Sheets



U.S. PATENT DOCUMENTS

1,695,231	A		12/1928	Egan
2,173,365	A		9/1939	Kessler
2,514,880	A		7/1950	Leatherman
2,580,896	A		1/1952	Dohner
2,604,130	A		7/1952	Derby
2,658,541	A		11/1953	Heuneman
2,662,567	A		12/1953	La Roche
D174,993	S		6/1955	Lindsay
2,767,751	A		10/1956	Sjoblom
2,782,821	A		2/1957	Gunnerson
3,327,748	A		6/1967	Reuterfors
3,636,997	A		1/1972	Keymer
3,822,731	A		7/1974	Keymer
D245,754	S		9/1977	Breger
4,349,059	A		9/1982	Hepworth et al.
4,367,779	A		1/1983	Ewig
4,466,471	A		8/1984	Thomson
4,630,373	A		12/1986	Staurseth
4,680,863	A		7/1987	Duffy
4,827,619	A		5/1989	Alm
4,835,869	A		6/1989	Waldherr
D305,296	S		1/1990	Nelson
5,023,996	A		6/1991	Pape et al.
D318,006	S		7/1991	Wanner et al.
5,044,083	A		9/1991	DeCarolis et al.
D321,119	S		10/1991	Ciccone et al.
5,063,675	A		11/1991	Michas et al.
D322,020	S		12/1991	Grachan
D325,506	S		4/1992	Michas et al.
5,111,583	A		5/1992	Martinez Alcala
D333,249	S		2/1993	Ciccone et al.
D333,250	S		2/1993	Ciccone et al.
5,388,333	A		2/1995	Chen et al.
D359,436	S		6/1995	Weimann
D363,888	S		11/1995	Williamson
5,471,752	A		12/1995	Koetsch
D370,610	S		6/1996	Neyton
5,590,473	A		1/1997	Wang
D379,292	S		5/1997	Schaffer et al.
5,661,908	A		9/1997	Chen
5,673,488	A		10/1997	Grayo
5,678,315	A		10/1997	Hartzell
5,706,585	A		1/1998	Wang
5,768,788	A		6/1998	Arnold
5,826,344	A		10/1998	Phelon et al.
D403,224	S		12/1998	Martin et al.
D406,035	S		2/1999	Erisoty et al.
5,873,170	A		2/1999	Stanley
D409,892	S		5/1999	Juhlin
5,911,481	A		6/1999	Yost
D426,445	S		6/2000	Hausler
6,070,330	A		6/2000	Phelon et al.
6,079,109	A		6/2000	Ranieri
D428,321	S		7/2000	Ranieri
6,098,294	A		8/2000	Lemos
6,134,791	A		10/2000	Huang
6,158,131	A		12/2000	Costanzo et al.
D436,824	S		1/2001	Douglas et al.
6,230,412	B1		5/2001	Lin
6,266,887	B1		7/2001	Owens et al.
6,298,564	B1		10/2001	Voser et al.
D450,555	S		11/2001	Juhlin
D455,628	S		4/2002	Douglas
6,457,244	B1		10/2002	Huang
D472,445	S		4/2003	Juhlin et al.
D473,445	S		4/2003	Snider
D475,600	S		6/2003	Huang
6,578,268	B1		6/2003	Hawketts
D477,519	S	*	7/2003	Seloron D8/96
D477,981	S		8/2003	Snider
6,606,795	B1		8/2003	Erisoty et al.
D483,640	S	*	12/2003	Jimenez D8/97
D486,714	S	*	2/2004	Chen D8/96
D488,982	S	*	4/2004	Jimenez D8/97
2003/0196339	A1		10/2003	Snider

* cited by examiner

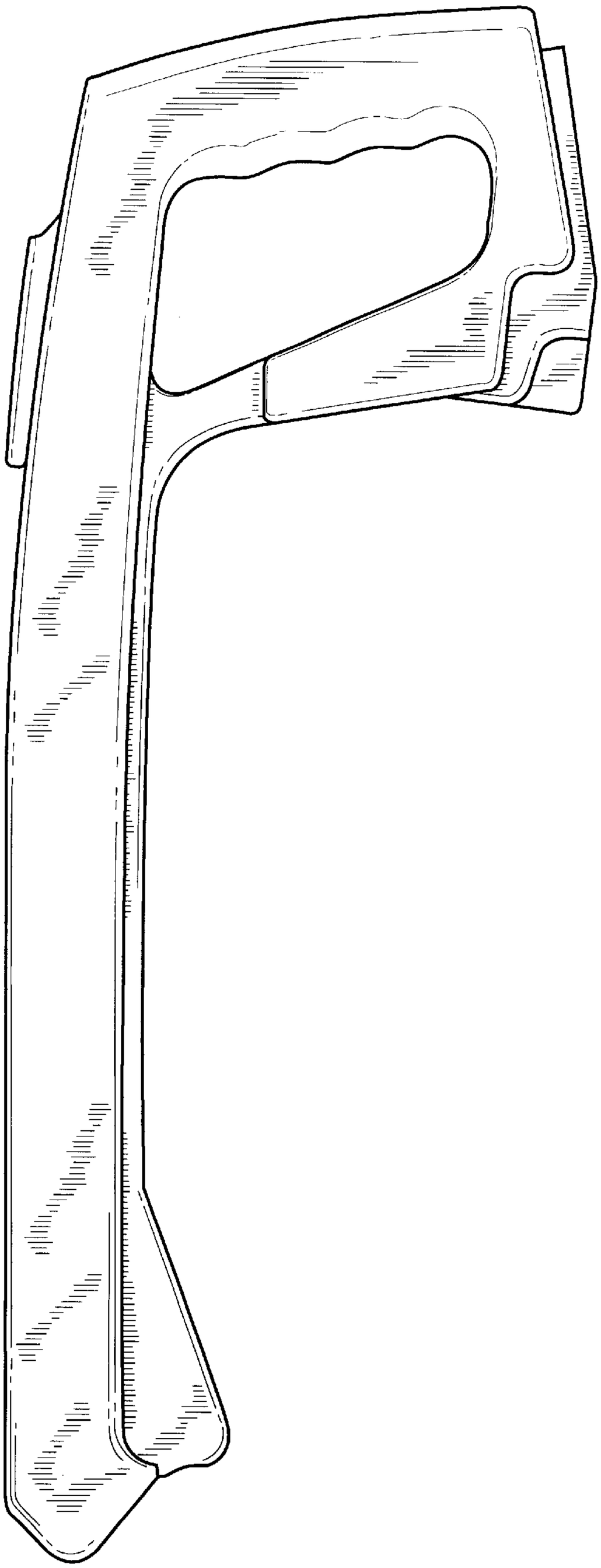


FIG. 1

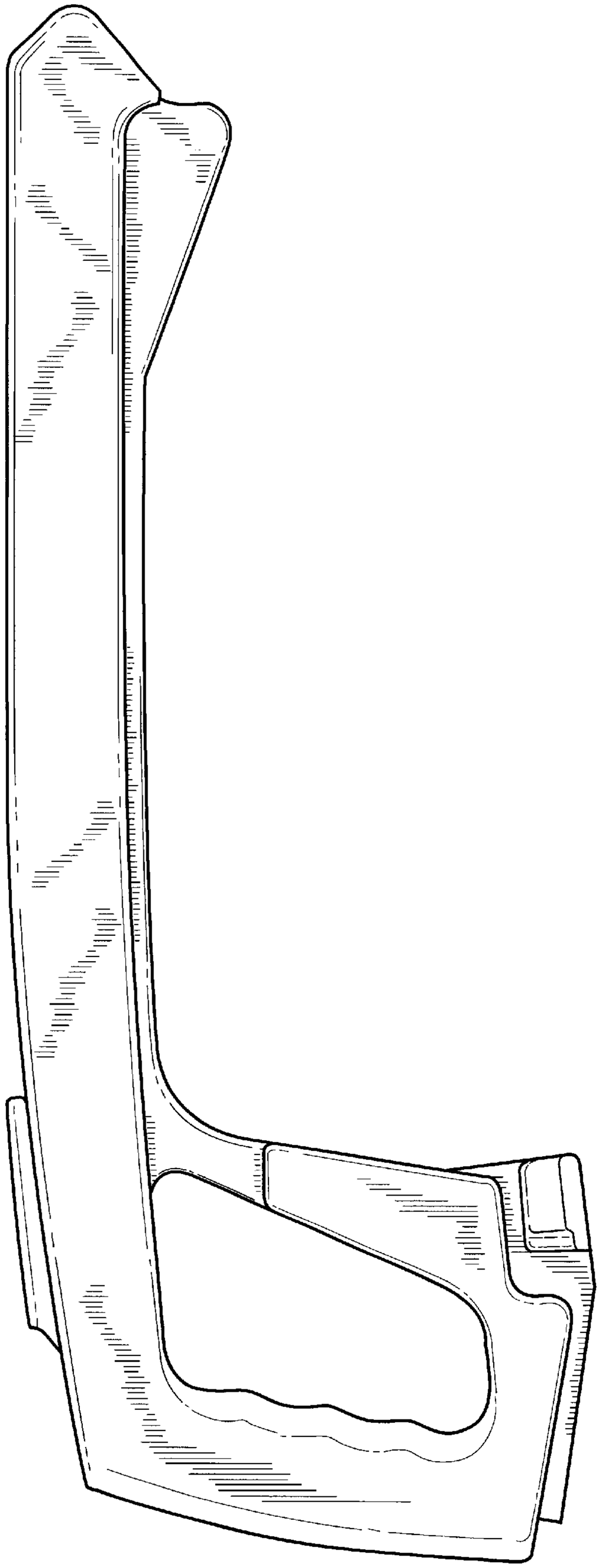


FIG. 2

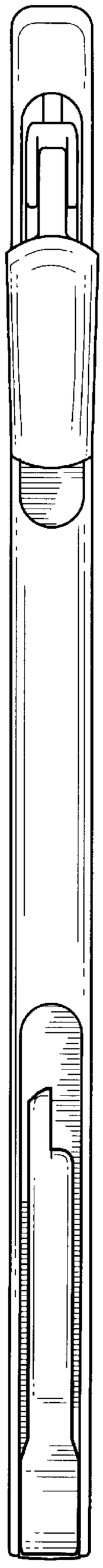


FIG. 3

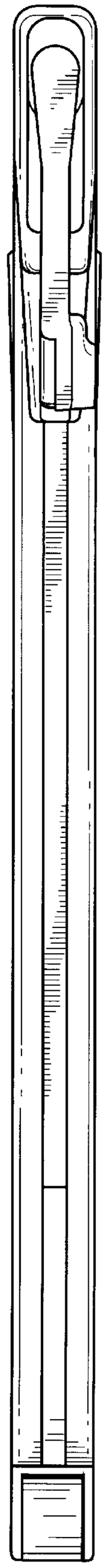


FIG. 4

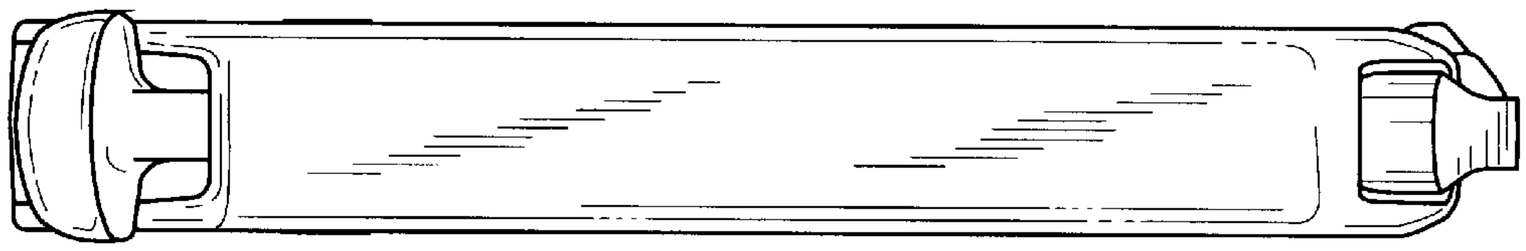


FIG. 6

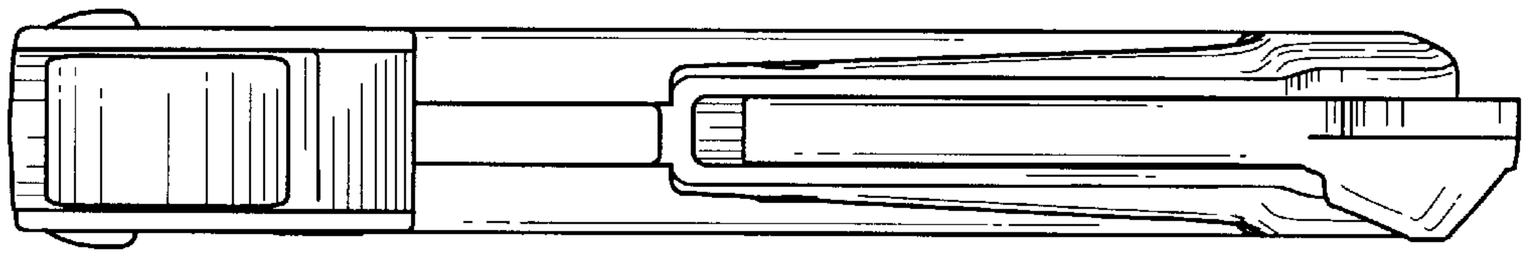


FIG. 5

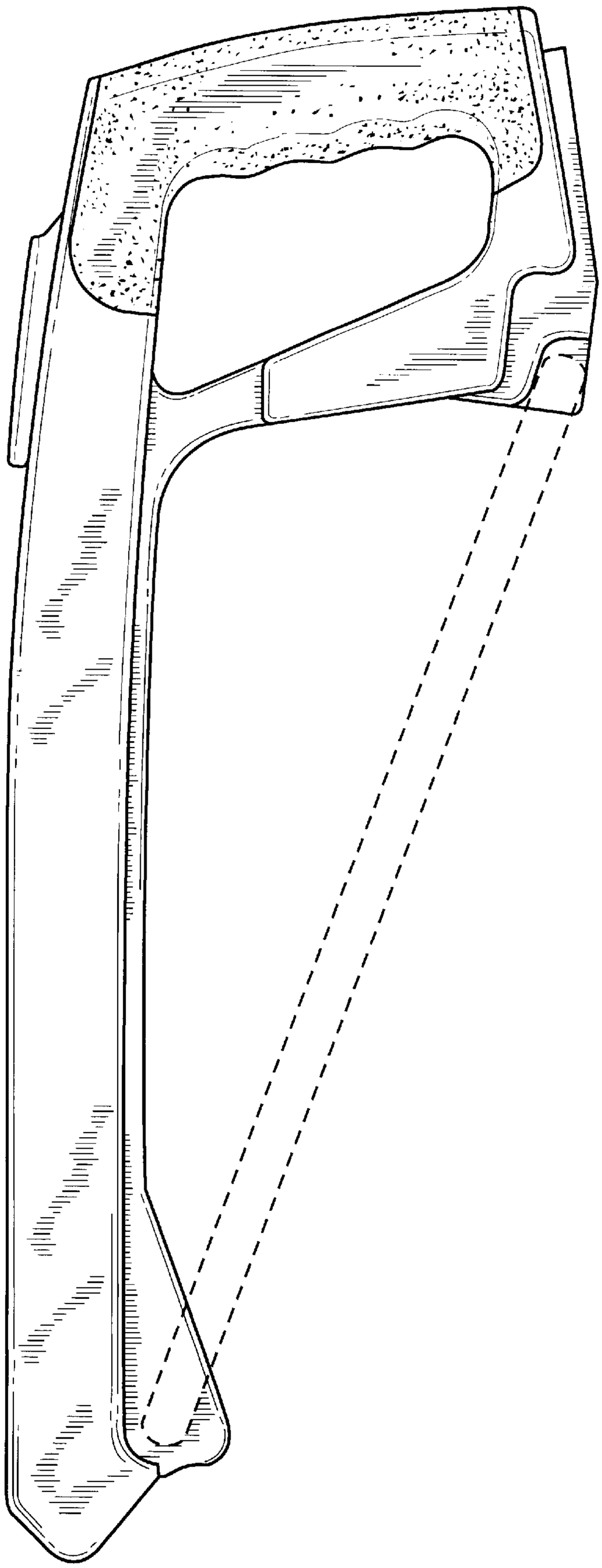


FIG. 7

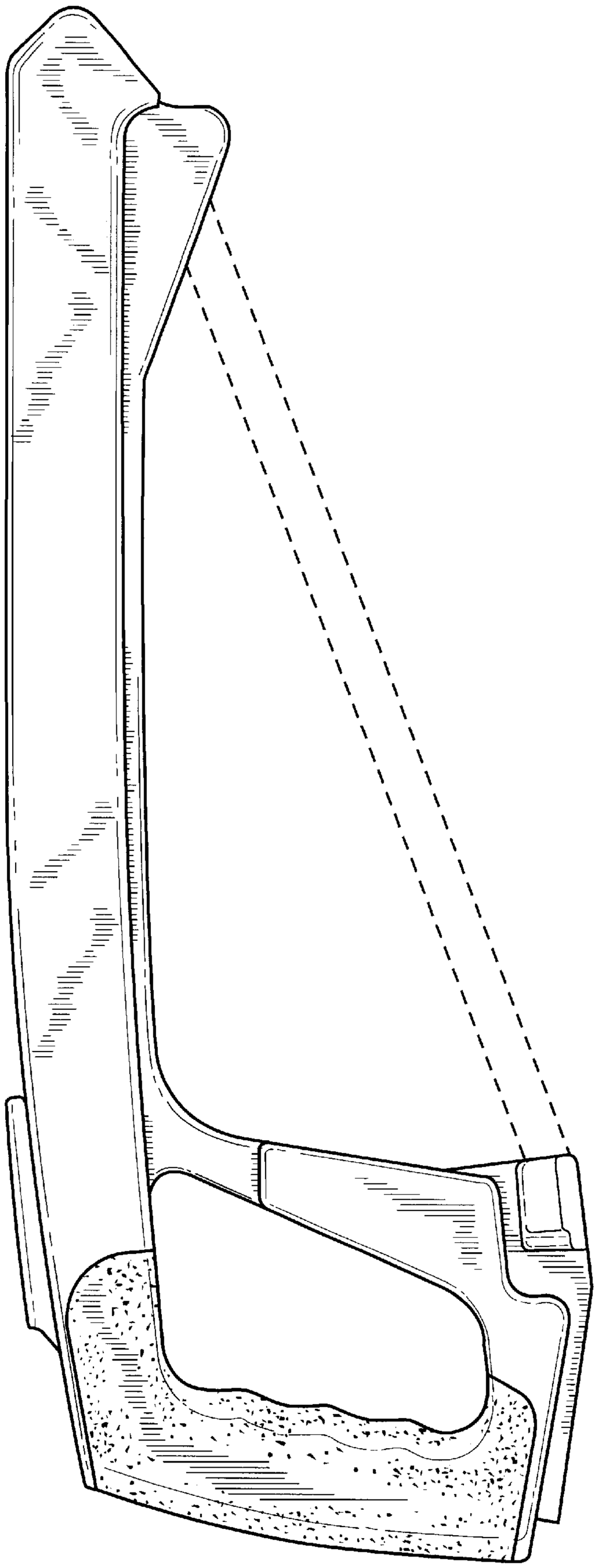


FIG. 8

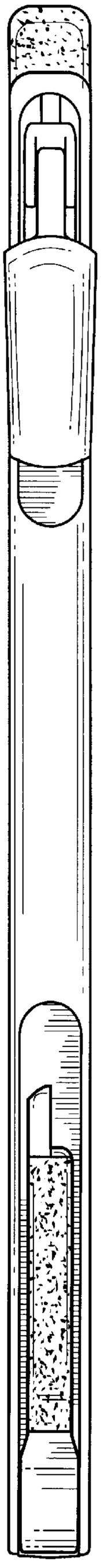


FIG. 9

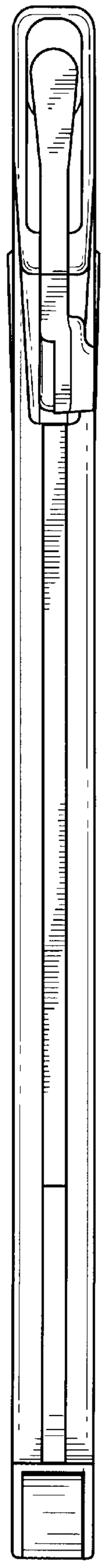


FIG. 10

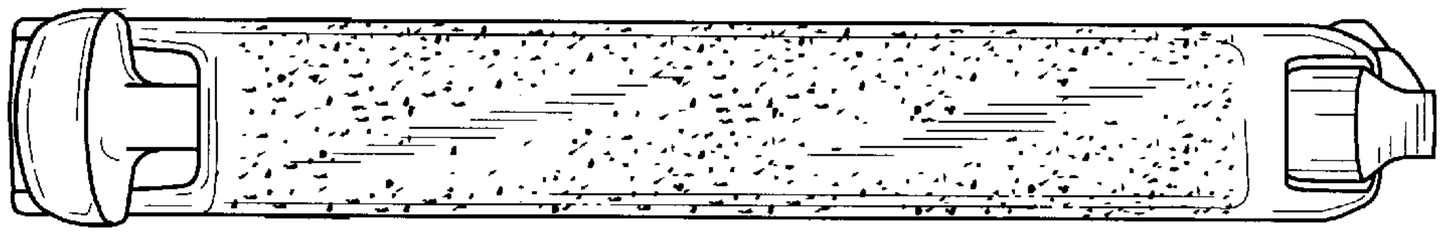


FIG. 12

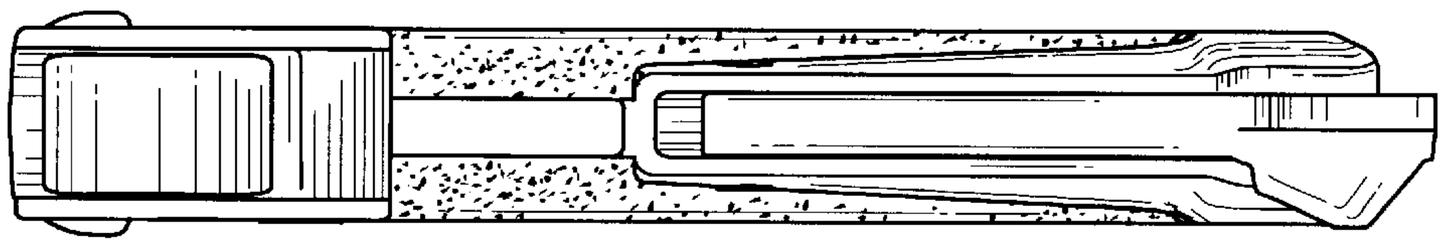


FIG. 11

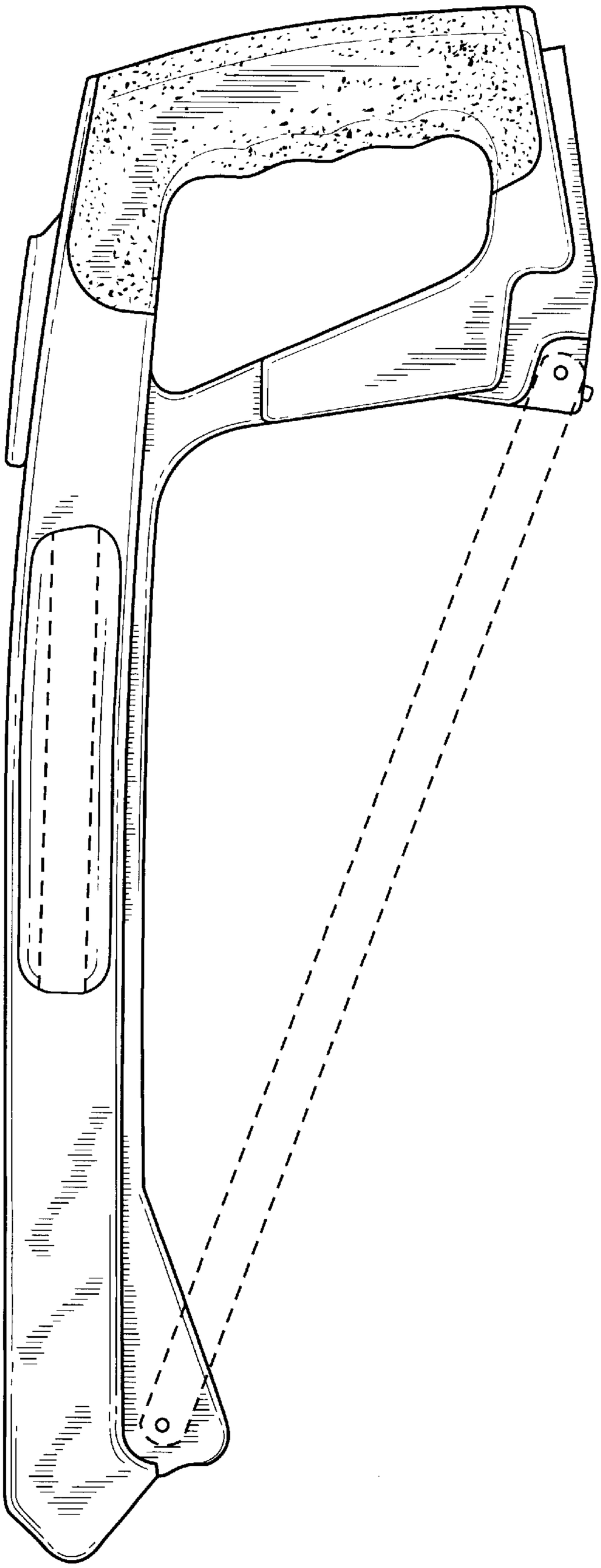


FIG. 13

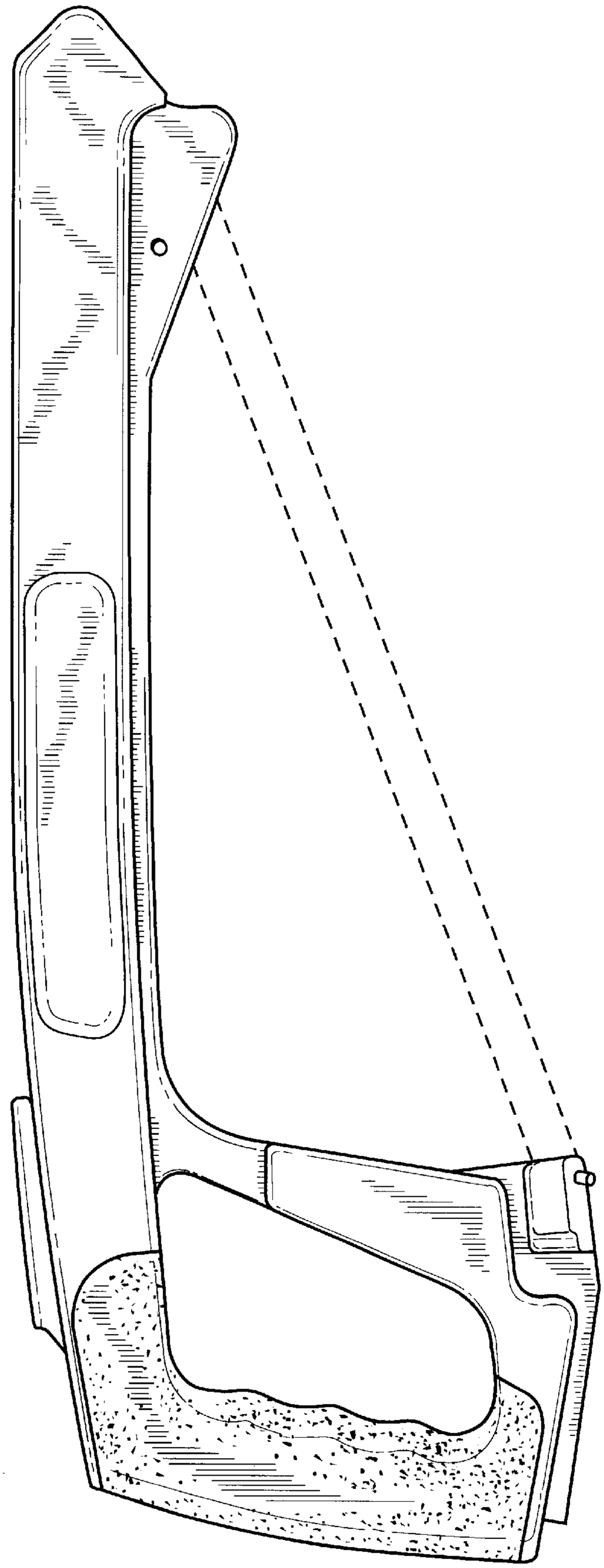


FIG. 14

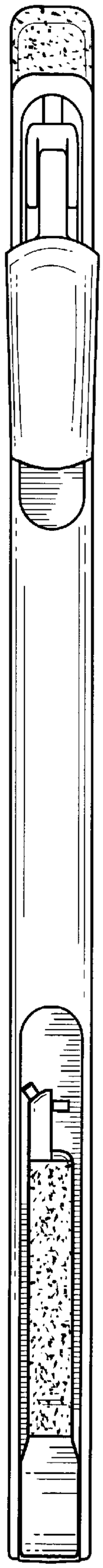


FIG. 15

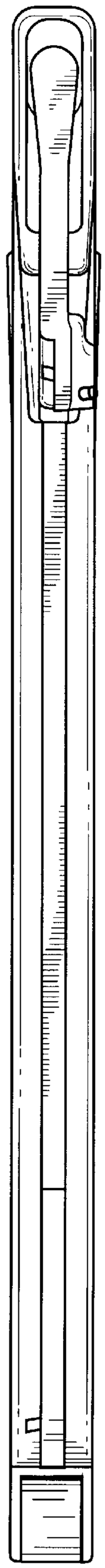


FIG. 16

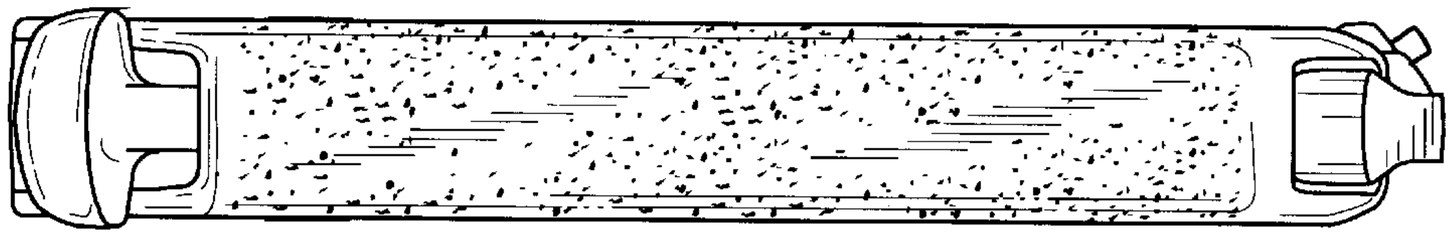


FIG. 18

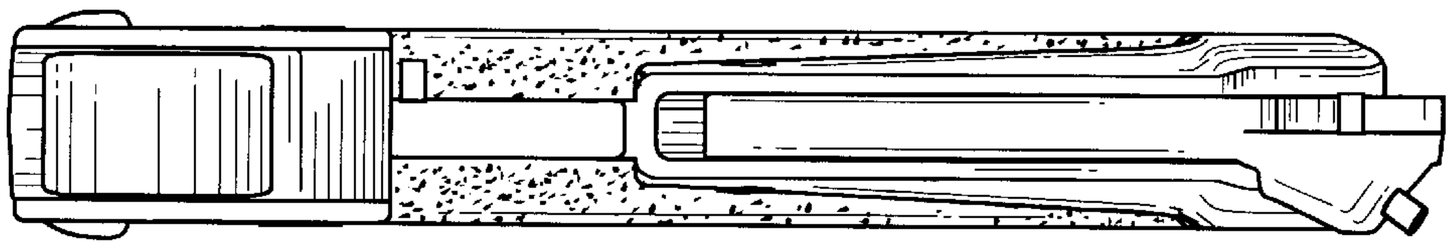


FIG. 17