



US00D643273S

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

(10) **Patent No.:** **US D643,273 S**

(45) **Date of Patent:** **** *Aug. 16, 2011**

(54) **RATCHETING TOOL WITH A FLIP OUT HANDLE**

(75) Inventors: **Ronald L. Johnson**, San Jose, CA (US);
Yugen Patrick Lockhart, Palo Alto, CA (US)

(73) Assignee: **Wagic, Inc.**, Los Gatos, CA (US)

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

(21) Appl. No.: **29/344,839**

(22) Filed: **Oct. 5, 2009**

(51) **LOC (9) Cl.** **08-04**

(52) **U.S. Cl.** **D8/82; D8/84**

(58) **Field of Classification Search** D8/14,
D8/25, 42, 82-87, 107; 81/177.1, 177.4,
81/436-440, 489-490; 16/110.1

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

244,309	A *	7/1881	Rhodes	81/61
647,528	A	4/1900	Schmidt	
873,363	A *	12/1907	Foss	81/58.3
1,000,900	A	8/1911	Dorsey	
1,172,656	A	2/1916	Yorgensen	
1,337,769	A	4/1920	Hemming	
1,398,583	A	11/1921	Bovee	
1,500,852	A	7/1924	Shepard	
1,530,905	A *	3/1925	Nance	81/177.6
1,559,097	A *	10/1925	Hill	81/177.2
1,753,026	A *	4/1930	Rosati	81/3.37
1,888,222	A	11/1932	Curtis et al.	
1,944,606	A	1/1934	Little	
2,236,333	A	3/1941	Cowles	
2,332,656	A	10/1943	Mirando	
2,346,364	A	4/1944	Dowe	
D142,982	S *	11/1945	Bloomfield	D8/84
2,409,613	A	10/1946	Brooks	

2,410,971	A	11/1946	Hartley	
2,465,619	A	3/1949	Veit	
2,475,268	A	7/1949	Wittle	
D156,677	S	12/1949	Smith	
D157,154	S	2/1950	Horton	
2,509,507	A	5/1950	Kane	
2,512,967	A	6/1950	Quiron	
2,530,024	A	11/1950	Moody	
2,532,636	A	12/1950	Minnich	
2,569,069	A	9/1951	Motel	
2,590,307	A	3/1952	Gibson	
2,593,828	A	4/1952	Arey	
2,604,211	A	7/1952	Steine	
2,701,052	A	2/1955	Martel	
D175,056	S *	6/1955	Wilson	D8/84

(Continued)

FOREIGN PATENT DOCUMENTS

CA 1 147 176 5/1983

(Continued)

Primary Examiner — Phillip S Hyder
Assistant Examiner — Roselynn Cody

(74) *Attorney, Agent, or Firm* — Haverstock & Owens LLP

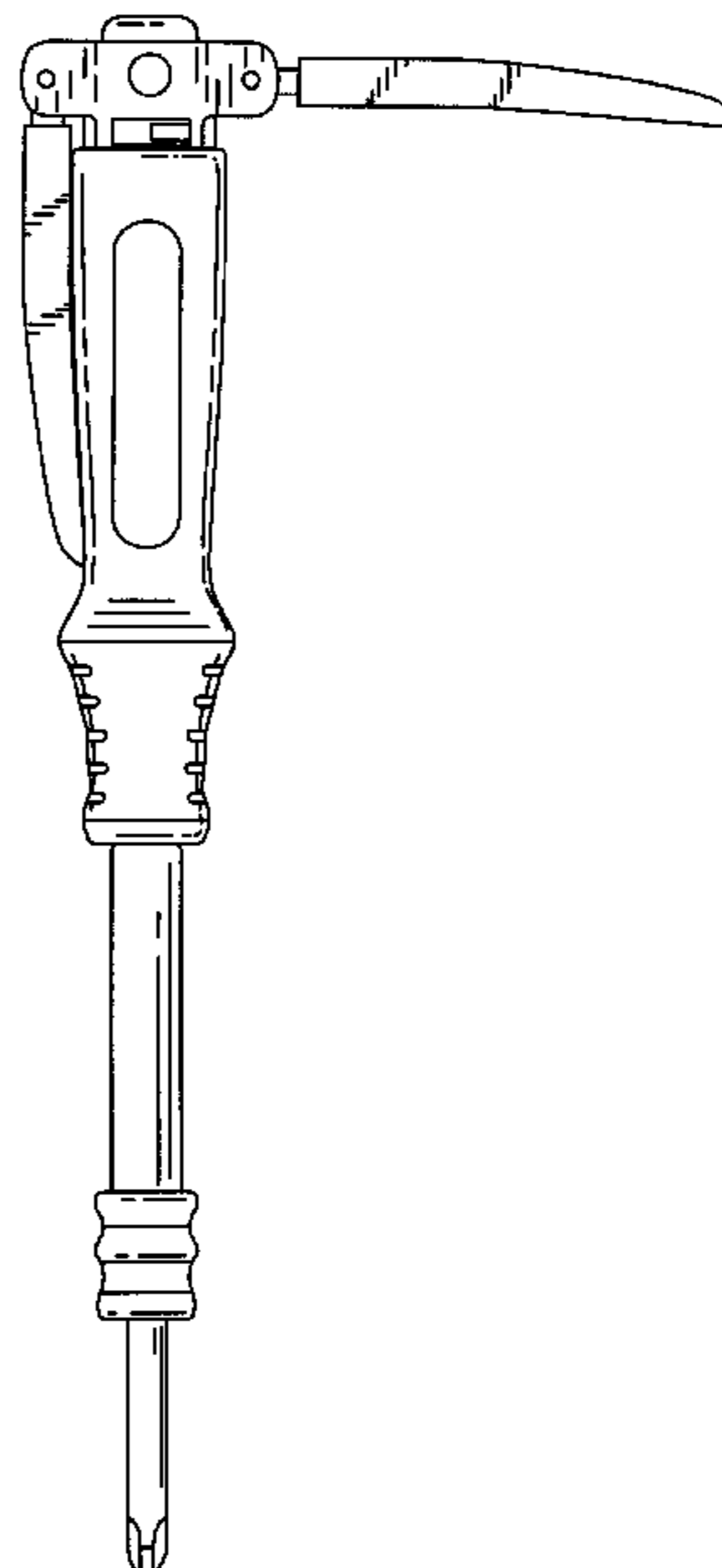
(57) **CLAIM**

We claim the ornamental design for a ratcheting tool with a flip out handle, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the ratcheting tool with a flip out handle;
FIG. 2 is a back view of the tool;
FIG. 3 is a left side view of the tool;
FIG. 4 is a right side view of the tool;
FIG. 5 is a top view of the tool;
FIG. 6 is a bottom view of the tool; and,
FIG. 7 is a front view of the tool in an L-handle configuration.

1 Claim, 6 Drawing Sheets



US D643,273 S

U.S. PATENT DOCUMENTS					
2,715,028	A	8/1955 Dossie	D343,106	S	1/1994 Eklind et al.
2,719,042	A	9/1955 Epsy	5,295,422	A	3/1994 Chow
D179,979	S	4/1957 Noga	5,320,004	A	6/1994 Hsiao
2,800,816	A	7/1957 Tasciotti	5,329,834	A	7/1994 Wong
2,804,970	A	9/1957 Kuc et al.	5,394,984	A	3/1995 Aiba
2,810,472	A	10/1957 Midkiff	D359,671	S *	6/1995 Acosta D8/85
2,842,020	A	7/1958 Tarquinio	5,450,774	A	9/1995 Chang
2,844,244	A	7/1958 Hanson	5,450,775	A	9/1995 Kozak
2,854,741	A	10/1958 Chogler	5,461,950	A	10/1995 Iwinski
2,878,701	A	3/1959 Weersma	D365,681	S	1/1996 Chow
3,023,054	A	6/1960 Shigekuni	5,495,942	A	3/1996 Izhak
3,061,927	A	11/1962 Von Frankenberg Und Ludwigsdorf	5,499,560	A	3/1996 Aeschliman
			5,499,562	A	3/1996 Feng
			5,517,885	A	5/1996 Feng
			5,522,291	A	6/1996 Liu
3,113,479	A	12/1963 Swingle	5,535,882	A	7/1996 Liu
3,222,959	A	12/1965 Clark	D373,943	S	9/1996 Fuhrmann
3,255,792	A	6/1966 Beck	5,553,340	A	9/1996 Brown, Jr.
3,257,991	A	6/1966 Mosch	5,566,596	A	10/1996 Lin
D205,745	S	9/1966 Nannfeldt	D376,520	S	12/1996 Morin
3,424,039	A	1/1969 Scott	5,581,834	A	12/1996 Collins
3,592,086	A	7/1971 Derwin	D377,444	S	1/1997 Lin
3,667,518	A	6/1972 Stillwagon, Jr.	5,592,859	A	1/1997 Johnson et al.
3,802,286	A	4/1974 Winklhofer et al.	D378,797	S	4/1997 Poremba et al.
3,863,693	A *	2/1975 Carriker 81/177.6	D380,131	S *	6/1997 Sung D8/61
3,943,801	A	3/1976 Yates	D382,190	S	8/1997 Blackston et al.
3,958,469	A	5/1976 Meese	D383,048	S	9/1997 Sorensen et al.
3,997,053	A	12/1976 Bondhus	5,662,013	A	9/1997 Lin
4,000,767	A *	1/1977 Geng 81/436	D385,172	S	10/1997 Bramsiepe et al.
4,043,230	A	8/1977 Scrivens	D386,955	S	12/1997 Jones et al.
4,154,125	A	5/1979 Frank	D388,609	S	1/1998 Chan
4,196,761	A *	4/1980 Royer 81/177.1	5,711,042	A	1/1998 Chuang
4,227,430	A	10/1980 Jansson et al.	D394,794	S	6/1998 Vasudeva
4,235,269	A *	11/1980 Kraus 81/438	5,758,870	A	6/1998 Weaver
4,238,862	A	12/1980 Leatherman	5,765,247	A	6/1998 Seber et al.
4,241,773	A	12/1980 Personnat	5,791,211	A	8/1998 Bondhus et al.
4,302,990	A	12/1981 Chrichton et al.	5,803,584	A	9/1998 Chung
4,308,770	A	1/1982 MacDonald	D400,775	S	11/1998 Hsu
4,327,790	A	5/1982 Stevens et al.	5,855,274	A	1/1999 Piao
4,384,499	A	5/1983 Shockley	D405,335	S	2/1999 Lin
D270,024	S	8/1983 Chan	5,911,799	A	6/1999 Johnson et al.
4,424,728	A	1/1984 MacDonald	5,916,277	A	6/1999 Dallas
4,448,097	A	5/1984 Rocca	5,918,513	A	7/1999 Ho
4,469,109	A	9/1984 Mehl	5,970,828	A	10/1999 Bondhus et al.
4,476,751	A	10/1984 Mishima	D415,946	S	11/1999 Tsai
4,525,889	A	7/1985 Dunau	5,983,759	A	11/1999 Turner
4,699,020	A	10/1987 Bush et al.	5,992,626	A	11/1999 Anderson
4,703,673	A	11/1987 Allen	D420,885	S	2/2000 Lin
4,711,353	A	12/1987 Rozmestor	D426,449	S	6/2000 Eklind
4,716,795	A	1/1988 Corona et al.	D426,450	S	6/2000 Eklind
4,716,796	A	1/1988 Corona et al.	D427,875	S	7/2000 Chiu
4,767,006	A	8/1988 Wasem	6,089,133	A	7/2000 Liao
4,787,276	A	11/1988 Condon	6,092,656	A	7/2000 Ernst
4,815,346	A	3/1989 Littlehorn	6,095,018	A	8/2000 Schuster
4,819,523	A	4/1989 Souza	6,105,767	A	8/2000 Vasudeva
4,819,800	A	4/1989 Wilson	6,119,560	A	9/2000 Anderson et al.
4,820,090	A	4/1989 Chen	6,128,981	A	10/2000 Bondhus et al.
4,882,841	A	11/1989 Margolis	D433,613	S	11/2000 Jialin
4,926,721	A	5/1990 Hsia	D433,910	S *	11/2000 Oliver et al. D8/83
D308,462	S	6/1990 Komatsu	6,151,998	A	11/2000 Fu-Hui
4,934,223	A	6/1990 Wong	D435,415	S	12/2000 Johnson et al.
D310,770	S	9/1990 Zamarripa	6,164,172	A	12/2000 Huang
4,960,016	A	10/1990 Seals	D435,773	S	1/2001 Lin
4,974,477	A	12/1990 Anderson	D437,541	S	2/2001 Hermansen et al.
4,979,407	A	12/1990 Hernandez et al.	D437,763	S *	2/2001 Oliver et al. D8/71
5,029,707	A	7/1991 Feng	6,206,189	B1	3/2001 Huot, Jr. et al.
5,036,975	A	8/1991 Chow	6,233,769	B1	5/2001 Seber et al.
5,062,173	A	11/1991 Collins et al.	6,237,451	B1	5/2001 Wei
5,063,796	A	11/1991 Gennep	6,279,434	B1	8/2001 Brown
5,065,487	A	11/1991 Yother	D448,267	S	9/2001 Jean et al.
5,146,815	A	9/1992 Scott, III	6,311,587	B1	11/2001 Johnson et al.
5,147,038	A	9/1992 Pergeau	6,314,838	B2	11/2001 Wall
D333,769	S	3/1993 Jureckson	6,318,218	B1	11/2001 Anderson et al.
D334,516	S	4/1993 Tsunoda	6,332,381	B1	12/2001 Vasudeva
D339,048	S	9/1993 Baum	6,345,557	B1	2/2002 Kuo
5,263,389	A	11/1993 Frazell et al.	D454,766	S *	3/2002 Lin D8/82
5,265,504	A	11/1993 Fruhn	6,382,057	B1	5/2002 Kienholz
D342,433	S	12/1993 Sorenson	6,389,931	B1	5/2002 Delaney et al.
5,271,300	A	12/1993 Zurbuchen et al.	6,397,709	B1	6/2002 Wall

US D643,273 S

6,405,620 B2	6/2002	Liao		7,305,908 B2	12/2007	Chi
D459,967 S	7/2002	Johnson et al.		7,467,574 B1	12/2008	Lin
D462,002 S	8/2002	Jean et al.		7,467,575 B2	12/2008	Lai
6,427,564 B1	8/2002	Nelson		7,565,852 B2	7/2009	Yu
6,490,954 B2	12/2002	Johnson et al.		2003/0047474 A1	3/2003	Dahlson
6,510,766 B1	1/2003	Lin		2003/0126957 A1	7/2003	Huang
6,510,767 B1	1/2003	Rivera		2003/0226428 A1	12/2003	Liu
D472,712 S	4/2003	Sagen		2004/0050218 A1	3/2004	Napoli
6,564,680 B1	5/2003	Rinner et al.		2004/0173061 A1	9/2004	Liou
6,598,503 B1	7/2003	Cunningham		2004/0262344 A1	12/2004	White
D479,963 S	9/2003	Chang		2005/0011318 A1	1/2005	Tsai
6,675,678 B2	1/2004	Liu		2005/0229752 A1	10/2005	Nickipuck
6,698,318 B2	3/2004	Peters		2005/0247587 A1	11/2005	Holland-Letz
6,739,224 B1	5/2004	Wershe		2005/0268752 A1	12/2005	Johnson et al.
6,751,819 B2	6/2004	Chuang		2006/0101955 A1	5/2006	Chang
6,752,046 B1	6/2004	Lee		2006/0118500 A1	6/2006	Chen
6,758,350 B2	7/2004	Lin		2006/0213059 A1	9/2006	Eggert
6,763,744 B2	7/2004	Johnson et al.		2006/0288823 A1	12/2006	Schepman
D494,438 S	8/2004	Flankenstein et al.		2007/0023306 A1	2/2007	Lai
6,799,490 B1 *	10/2004	Chu	81/3.37	2007/0151402 A1	7/2007	Schneeman et al.
6,898,998 B2	5/2005	Shyu		2007/0221017 A1	9/2007	Heaven
6,901,826 B2	6/2005	Huang		2007/0245862 A1	10/2007	Gonzalez et al.
6,922,870 B2	8/2005	Tontz, Sr.		2007/0295171 A1	12/2007	Johnson et al.
6,925,910 B2	8/2005	Alford		2008/0128370 A1	6/2008	Shih
6,928,908 B1	8/2005	Yu		2008/0148909 A1	6/2008	Lai
6,935,211 B2	8/2005	Chen		2008/0156754 A1	7/2008	Cheng
6,941,843 B2	9/2005	Johnson et al.		2008/0164171 A1	7/2008	Meng
6,948,406 B1	9/2005	Li		2008/0190249 A1	8/2008	Yu
6,968,758 B2	11/2005	Lin		2008/0202963 A1	8/2008	Liao
D517,391 S	3/2006	Leins		2008/0251402 A1	10/2008	Chiu
7,028,593 B1	4/2006	Lin et al.		2008/0271573 A1	11/2008	Lown et al.
7,051,629 B2	5/2006	Huang		2009/0107303 A1	4/2009	Steinweg et al.
D523,637 S	6/2006	Chang				
7,073,418 B2	7/2006	Kuo				
7,086,314 B2	8/2006	Wannop				
7,093,519 B1	8/2006	Huang				
D527,903 S	9/2006	Chan				
7,100,476 B1	9/2006	Feit				
7,131,358 B2	11/2006	Hsien				
7,140,280 B2	11/2006	Hawkins et al.				
7,143,669 B2	12/2006	Hu				
7,150,208 B2	12/2006	Debley				
7,159,260 B2	1/2007	Hansen				
7,159,491 B1	1/2007	Chaconas et al.				
7,165,479 B1	1/2007	Lee				
D548,464 S	8/2007	Lin				
D549,069 S	8/2007	Lin et al.				
7,281,454 B2	10/2007	Johnson et al.				
7,284,466 B1	10/2007	Ho				
D557,099 S *	12/2007	Lin	D8/82			

FOREIGN PATENT DOCUMENTS

DE	24 53 480	5/1976
DE	37 44 176	8/1989
EP	503 559	9/1992
EP	618 046	10/1994
FR	787 512	9/1935
GB	856 223	12/1960
JP	55-045442 U	3/1980
JP	57-13165	1/1982
JP	3-47775	5/1991
JP	4-29368	3/1992
JP	5-31882	4/1993
WO	83/01406	4/1983
WO	97/29887	8/1997

* cited by examiner

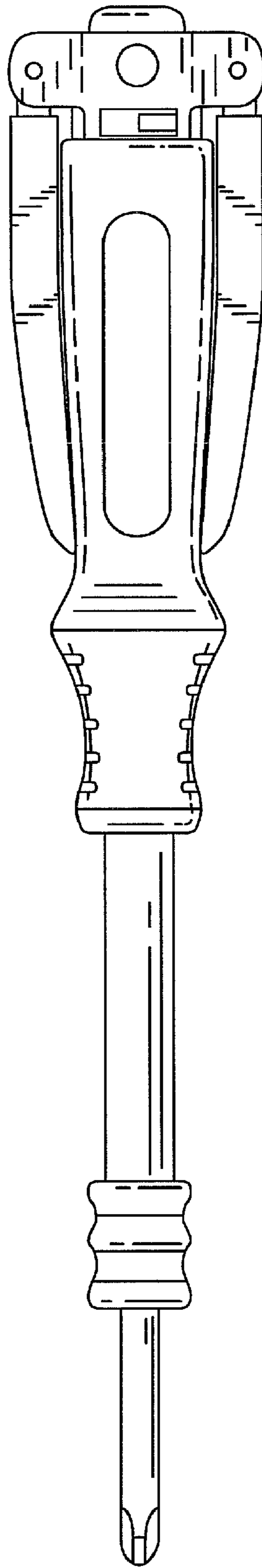


Fig. 1

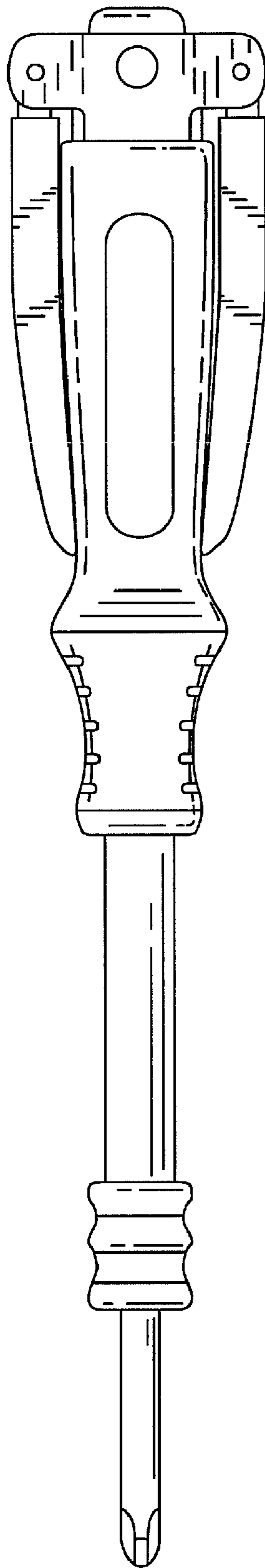


Fig. 2

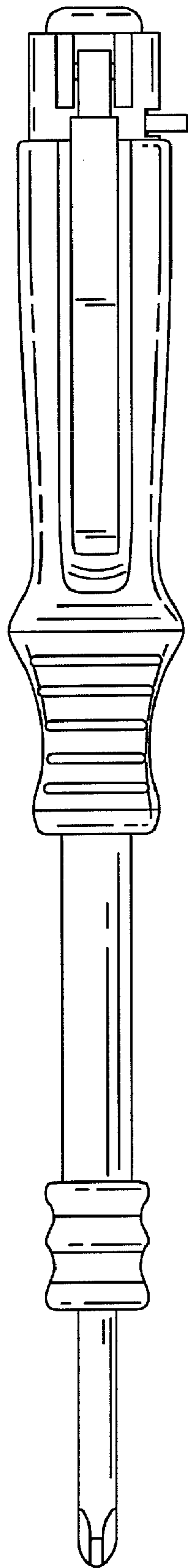


Fig. 3

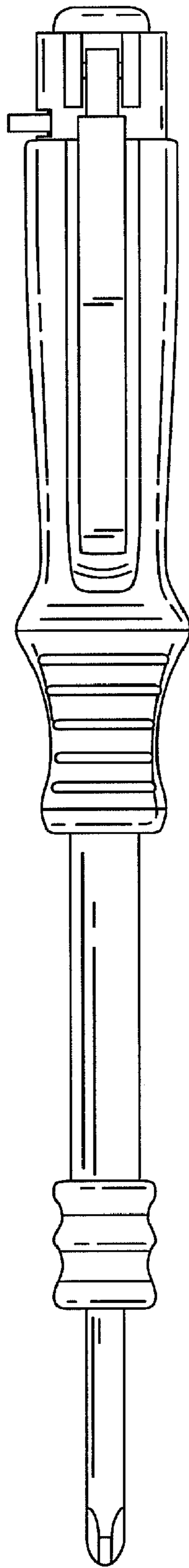


Fig. 4

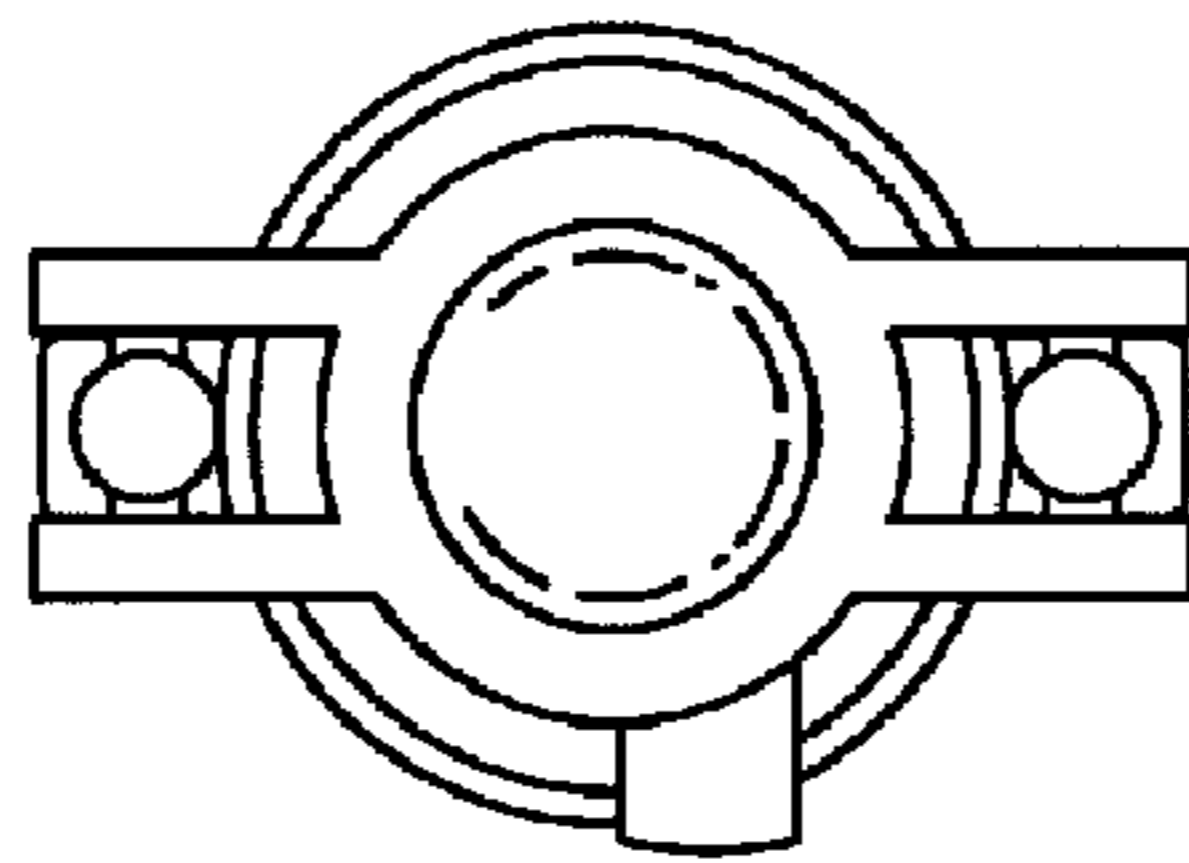


Fig. 5

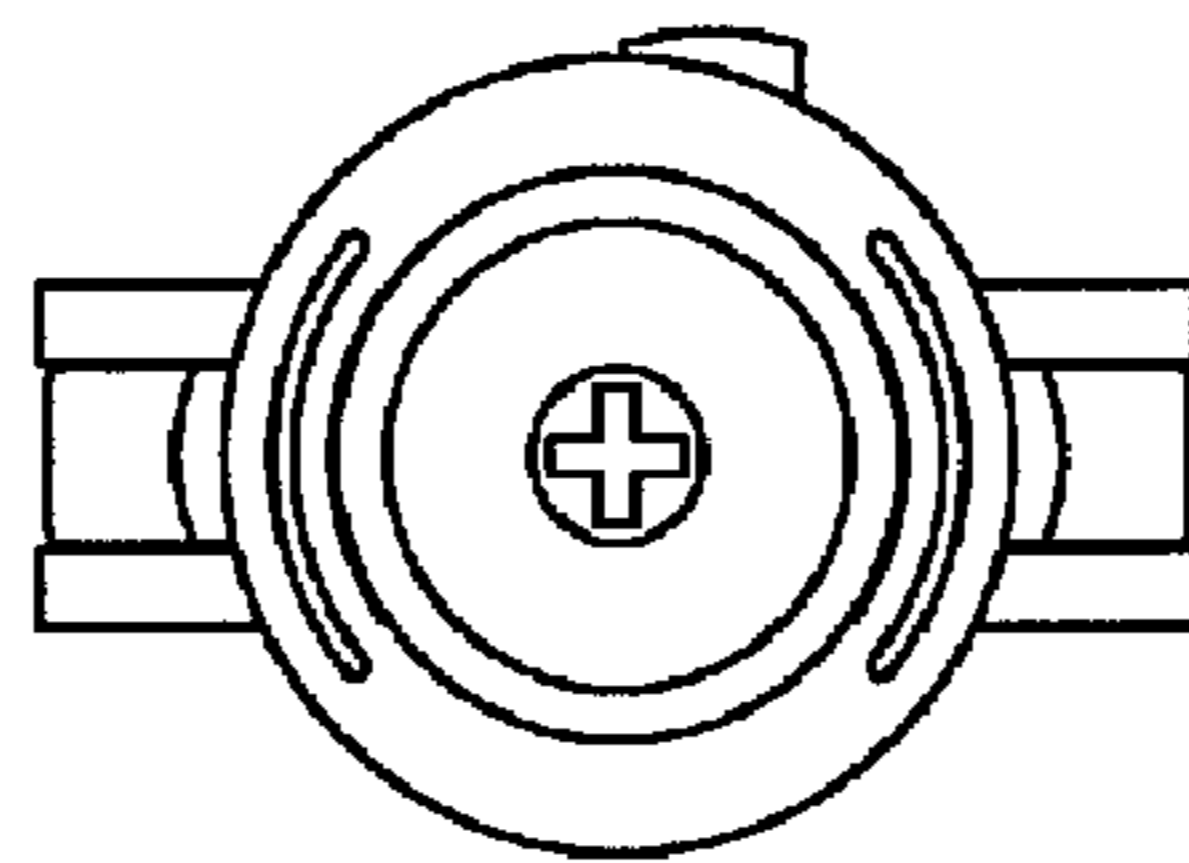


Fig. 6

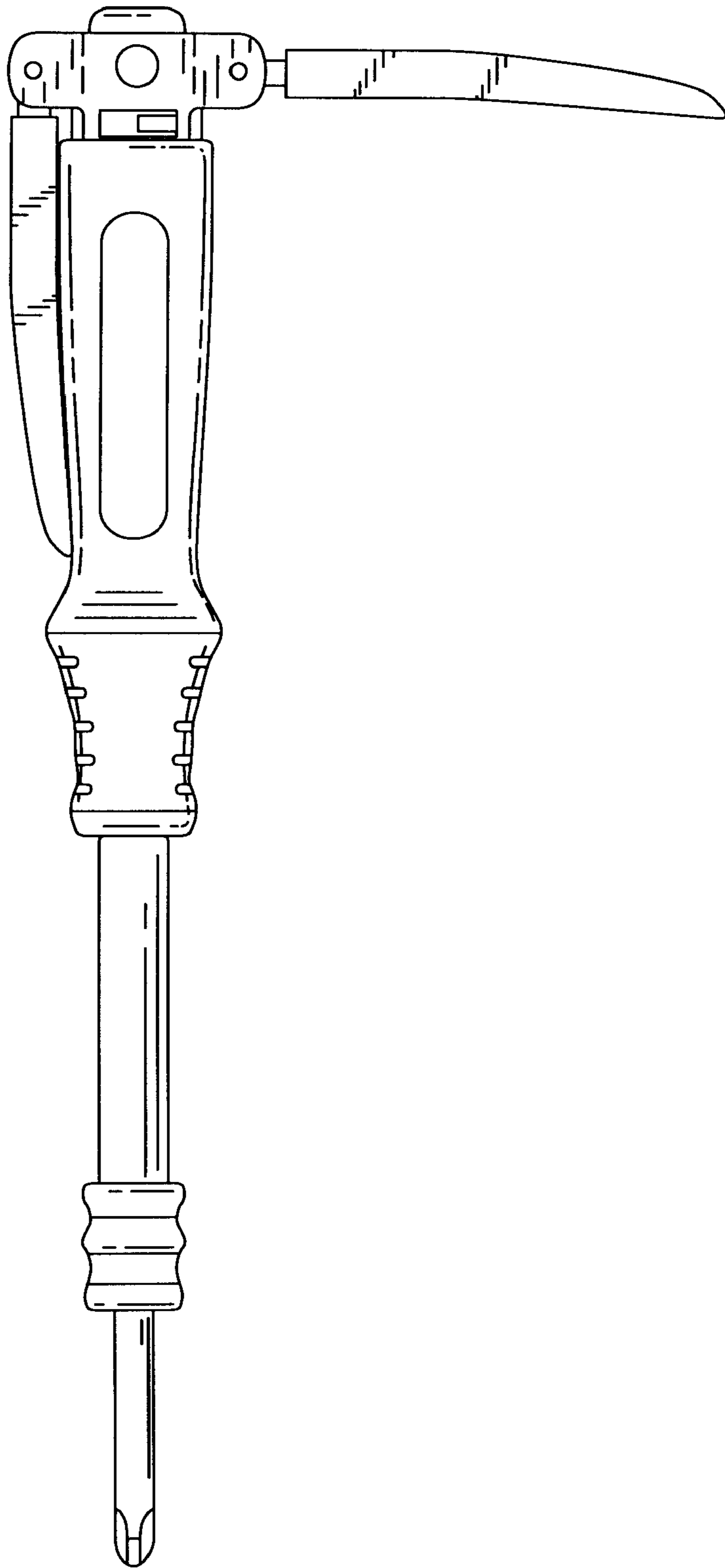


Fig. 7