



US00D405573S

# United States Patent [19]

Tisbo et al.

[11] Patent Number: Des. 405,573

[45] Date of Patent: \*\*Feb. 9, 1999

[54] MINI-ICE SCRAPER

[75] Inventors: **Thomas A. Tisbo**, Hills; **Stephen P. Whitehead**, Elgin, both of Ill.

[73] Assignee: **Suncast Corporation**, Batavia, Ill.

[\*\*] Term: **14 Years**

[21] Appl. No.: **76,263**

[22] Filed: **Aug. 28, 1997**

### Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 693,799, Aug. 1, 1996, which is a continuation of Ser. No. 304,122, Sep. 12, 1994, Pat. No. 5,419,600.

[51] **LOC (6) Cl.** ..... **08-05**

[52] **U.S. Cl.** ..... **D32/49; D8/10**

[58] **Field of Search** ..... D32/46, 49, 40, D32/42; D8/1, 10, 13, 14, 45, 105; 30/169; 294/50, 51, 49, 54.5; 15/236.01, 236.02, 236.09

[56] **References Cited**

#### U.S. PATENT DOCUMENTS

- D. 189,486 12/1960 Walsh et al. .
- D. 213,630 3/1969 Hoxie ..... D8/1
- D. 257,210 10/1980 Bonnes ..... D8/10
- D. 267,468 1/1983 Simms ..... D8/10
- D. 269,490 6/1983 Germain ..... D8/1
- D. 284,733 7/1986 Hozumi ..... D8/10
- D. 291,863 9/1987 Kolonia ..... D8/10
- D. 296,410 6/1988 Abbott ..... D8/10
- D. 306,962 4/1990 Schuele ..... D8/13
- D. 328,553 8/1992 Norton et al. .... D8/10
- D. 331,652 12/1992 Wu ..... D34/27
- D. 350,166 8/1994 Kino ..... D21/120
- D. 360,564 7/1995 Tisbo et al. .... D8/10
- D. 362,164 9/1995 Butcher ..... D8/14
- D. 363,653 10/1995 Tisbo et al. .... D8/10
- 366,099 7/1887 Hinchman .
- D. 384,559 10/1997 Tisbo et al. .... D8/10
- D. 384,866 10/1997 Tisbo et al. .... D8/10
- D. 385,160 10/1997 Tisbo et al. .... D8/10

(List continued on next page.)

#### FOREIGN PATENT DOCUMENTS

- 234243 12/1959 Australia .
- 2285163 4/1976 France .
- 641210 8/1933 Germany .
- 687817 1/1940 Germany .
- 369590 3/1939 Italy .
- 1009947 11/1965 United Kingdom .
- 1173714 12/1969 United Kingdom .
- 1424565 2/1976 United Kingdom .
- 2063142 6/1981 United Kingdom .

#### OTHER PUBLICATIONS

U.S. application No. 08/455,907, filed May 31, 1995 now abandoned.

U.S. application No. 08/693,485, filed Aug. 26, 1996 now pending.

U.S. application No. 08/582,760, filed Mar. 13, 1996 now pending.

Protest of Melnor—Filed in U.S. Reissue Patent Application No. 08/693,799.

Protest of Union Tools—Filed in U.S. Reissue Patent Application No. 08/693,799.

Union Fork Hoe Catalog, Dec. 1986, p. 18. Shovel, Item No. 4 (Located in Examiner's Office).

*Primary Examiner*—Susan J. Lucas  
*Assistant Examiner*—Cynthia E. Ramirez  
*Attorney, Agent, or Firm*—Thomas W. Tolpin

[57] **CLAIM**

The ornamental design for a multi-ice scraper, as shown and described.

#### DESCRIPTION

FIG. 1 is a perspective view of a mini-ice scraper showing our new design;

FIG. 2 is a front view thereof;

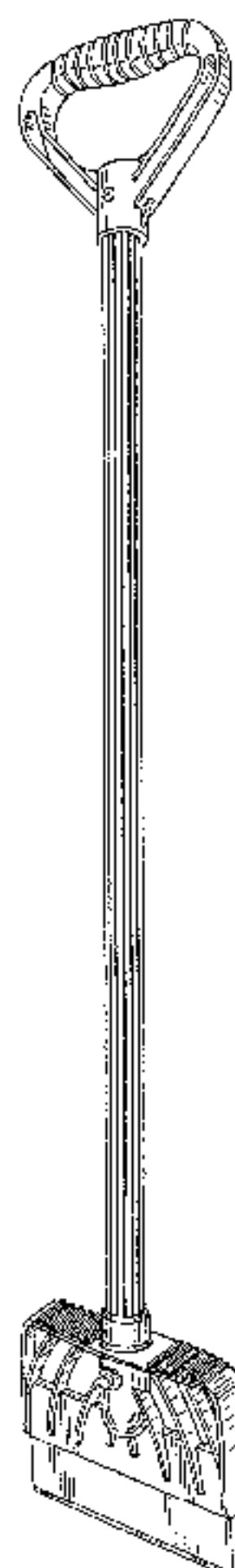
FIG. 3 is a left side view thereof, the right side view being a mirror image and symmetrical thereto;

FIG. 4 is a back view thereof;

FIG. 5 is a bottom end view thereof; and,

FIG. 6 is a top view thereof.

**1 Claim, 2 Drawing Sheets**



U.S. PATENT DOCUMENTS

864,338	8/1907	Schertzer .	4,149,744	4/1979	Bonnes .....	294/54
930,660	8/1909	Gifford .	4,247,141	1/1981	Grint .....	294/49
964,453	7/1910	Robarge .	4,280,727	7/1981	Germain .....	294/54
967,270	8/1910	Tiedt .	4,538,847	9/1985	Lapshansky .....	294/51
1,042,352	10/1912	Kohler .	4,655,494	4/1987	Eads et al. ....	294/49
1,107,583	8/1914	Burchell .	4,690,447	9/1987	Adams .....	294/57
1,260,276	3/1918	Miller .	4,848,073	7/1989	Germain et al. ....	56/400.17
1,435,061	11/1922	Halsey .	4,878,704	11/1989	Jacanin, Jr. et al. ....	294/54.5
1,839,285	1/1932	Winkie .	4,993,768	2/1991	Ewen .....	294/51
1,931,349	10/1933	Habig .....	5,228,734	7/1993	Pollastro .....	294/54.5
3,119,596	1/1964	Pratt .....	5,419,600	5/1995	Tisbo et al. ....	294/54.5
3,177,026	4/1965	Cowan .....	5,435,063	7/1995	Russo .....	30/164.5
3,680,641	8/1972	Hein .....	5,520,430	5/1996	Clark et al. ....	294/54.5
			5,533,768	7/1996	Mitchell .....	294/54.5

FIG.1

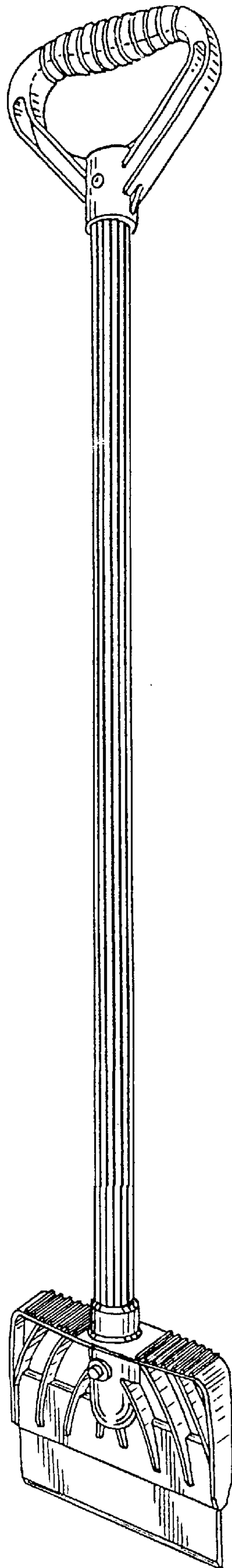


FIG.2

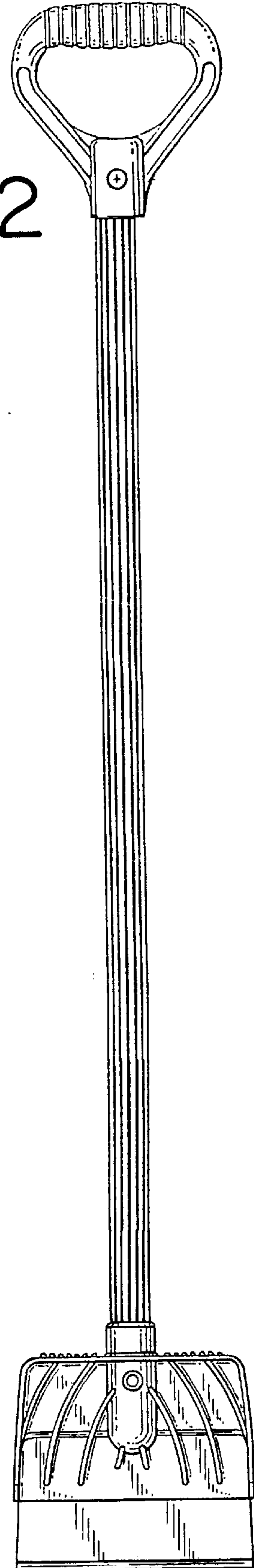


FIG.3

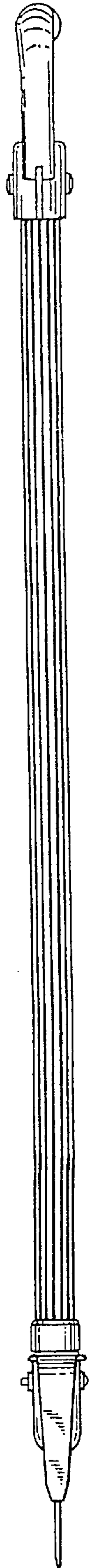


FIG.4

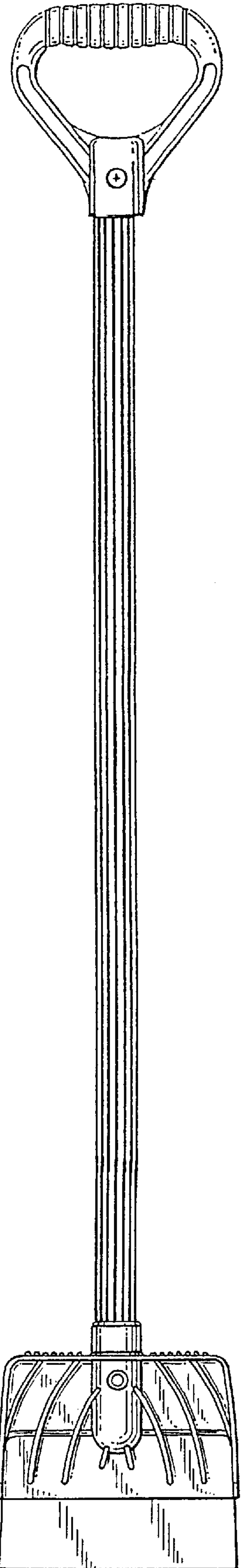


FIG.5



FIG.6

