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(12) **United States Design Patent**
Spencer

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(54) **HEAVY DUTY SCRAPER AND ROOT CHOPPER TOOL**

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

(21) Appl. No.: **29/303,512**

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(51) **LOC (9) Cl.** **08-01**

(52) **U.S. Cl.** **D8/7**

(58) **Field of Classification Search** D8/7,
D8/10; 30/169, 320, 164.6, 315; 172/13,
172/18, 371

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,166,831	A *	1/1916	Grotzky	.....	172/381
1,931,349	A *	10/1933	Habig	.....	30/315
D97,592	S *	11/1935	Council	.....	D8/7
2,236,323	A *	3/1941	Stachowiak	.....	30/169
3,358,776	A *	12/1967	Alecci	.....	172/18
D211,747	S *	7/1968	Odell	.....	D8/7
3,398,419	A *	8/1968	Carlos	.....	15/111
D274,117	S *	6/1984	Lapps	.....	D8/7
D274,687	S *	7/1984	Hass	.....	D8/7
4,598,476	A *	7/1986	Grasse		
5,301,429	A *	4/1994	Bundy	.....	30/169

5,915,794	A	6/1999	Neff		
6,138,769	A *	10/2000	Breyer	.....	172/380
6,837,528	B1 *	1/2005	Britt	.....	294/49
7,293,361	B1 *	11/2007	Miller	.....	30/164.6
7,325,625	B1 *	2/2008	Winters	173/90
D570,063	S *	5/2008	Manak	D32/49

* cited by examiner

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(57) **CLAIM**

The ornamental design for a heavy duty scraper and root chopper tool, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a heavy duty scraper and root chopper tool showing my new design;

FIG. 2 is a rear elevation view;

FIG. 3 is a right elevation view;

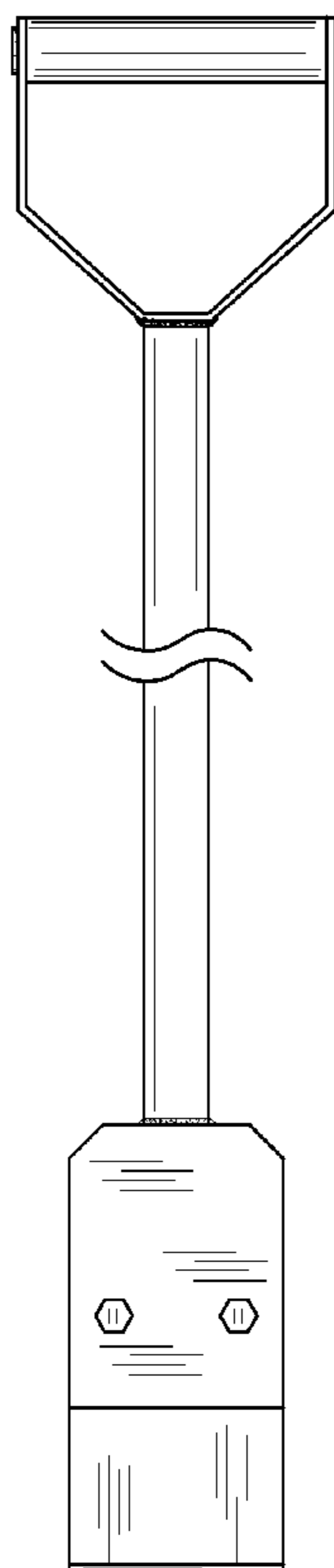
FIG. 4 is a top plan view

FIG. 5 is a bottom plan view; and,

FIG. 6 is a right side isometric view of a heavy duty scraper and root chopper tool showing my new design.

The tool is shown broken away to indicate indeterminate length.

1 Claim, 3 Drawing Sheets



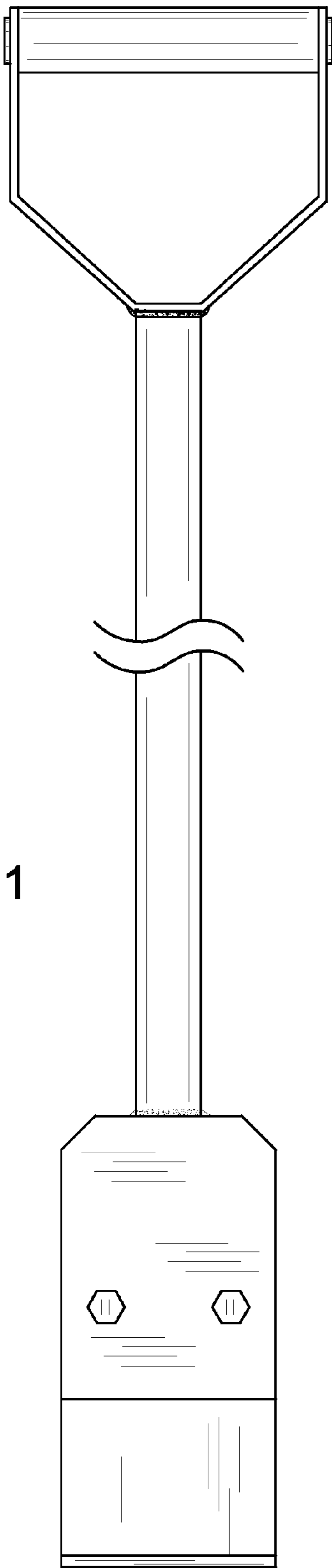


FIG. 1

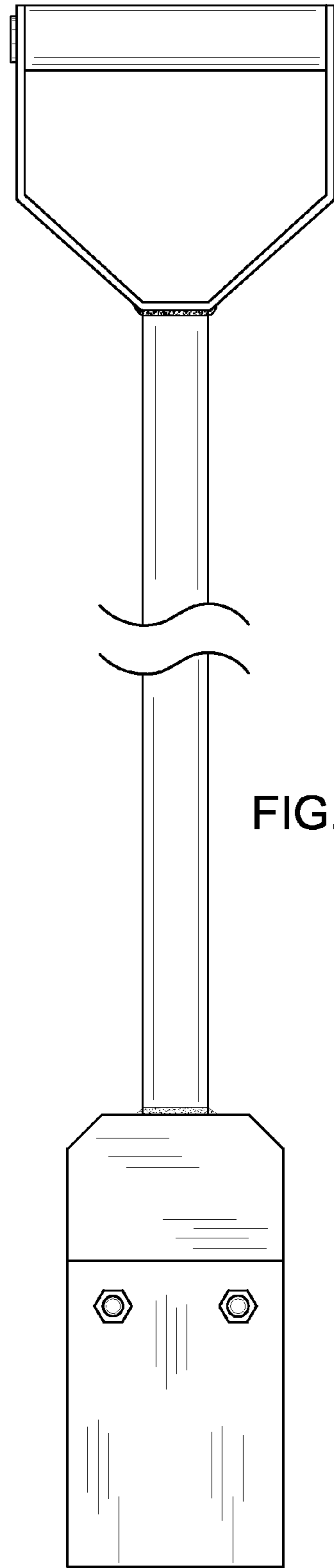


FIG. 2

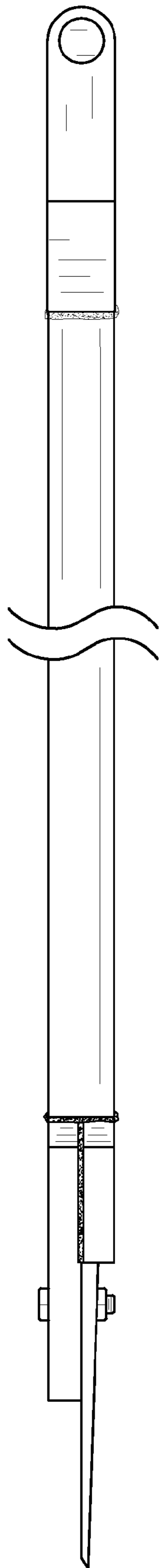


FIG. 3

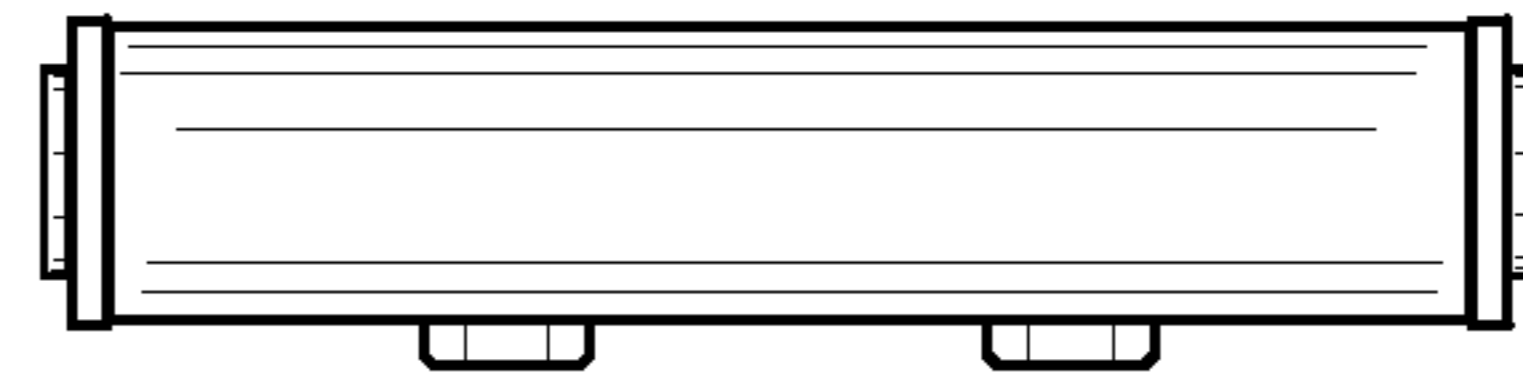


FIG. 4

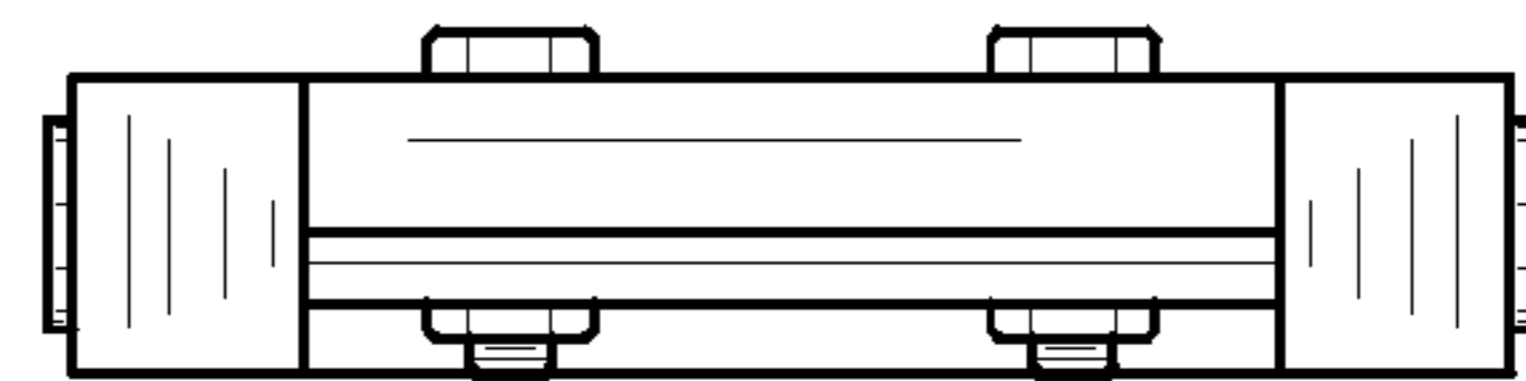


FIG. 5

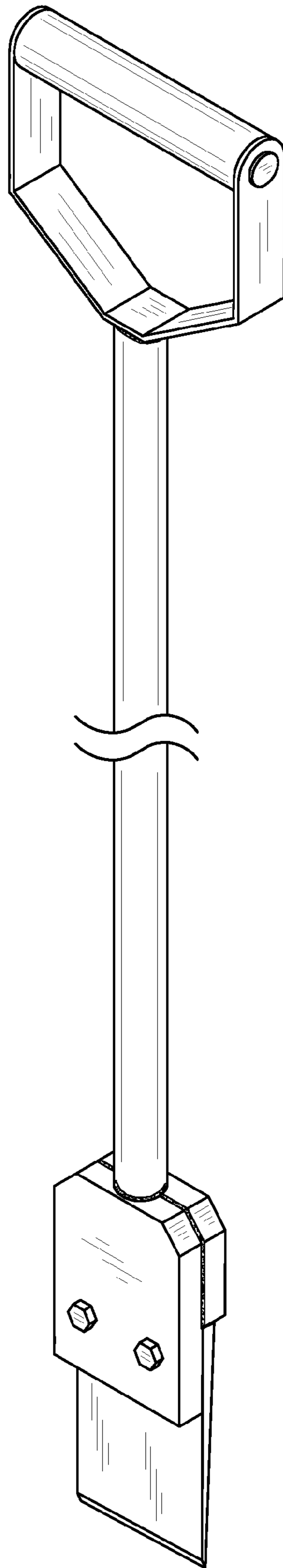


FIG. 6