



US00D642596S

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

(10) **Patent No.:** **US D642,596 S**

(45) **Date of Patent:** **\*\* Aug. 2, 2011**

(54) **SNOWTHROWER POWER HEAD**

(75) Inventors: **Darrell W. Hinklin**, Excelsior, MN (US); **David J. Martin**, Eden Prairie, MN (US); **Chadwick A. Shaffer**, Oakdale, MN (US); **Kevin D. Docken**, Chanhassen, MN (US)

(73) Assignee: **The Toro Company**, Bloomington, MN (US)

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

(21) Appl. No.: **29/381,199**

(22) Filed: **Dec. 16, 2010**

(51) **LOC (9) Cl.** ..... **15-03**

(52) **U.S. Cl.** ..... **D15/12**

(58) **Field of Classification Search** ..... D15/10-12, D15/17, 18; D8/8, 107; 37/245, 227, 244, 37/241, 242, 246, 259, 260, 252, 256; 30/298.1, 30/276; 74/523; 180/19.3; 56/11.8  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,359,661	A	12/1967	Speiser et al.	
3,452,460	A	7/1969	Cope et al.	
3,603,008	A	9/1971	Heth	
D251,786	S	5/1979	Wildgen	
D260,898	S	9/1981	Chieda et al.	
4,294,027	A *	10/1981	Edwards	37/259
4,295,285	A	10/1981	Stevens	
D262,797	S	1/1982	Arthur et al.	
4,322,896	A	4/1982	Miyazawa et al.	
4,325,195	A	4/1982	Comer	
D267,953	S *	2/1983	Berner	D15/12
4,378,644	A *	4/1983	Tuggle et al.	37/244
D269,092	S *	5/1983	Davies, III	D15/12
4,397,088	A	8/1983	Hampel	
D272,742	S	2/1984	Hoshino	
4,476,643	A	10/1984	Hilchey et al.	
D278,537	S	4/1985	Krapowicz et al.	

(Continued)

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/381,202, filed Dec. 16, 2010, Martin et al.

(Continued)

*Primary Examiner* — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Mueting, Raasch & Gebhardt, P.A.

(57) **CLAIM**

The ornamental design for a snowthrower power head, as shown and described.

**DESCRIPTION**

FIG. 1 is an upper left front perspective view of a snowthrower power head showing our new design in use condition;

FIG. 2 is an enlarged left front perspective view thereof;

FIG. 3 is a right side elevation view thereof;

FIG. 4 is a left side elevation view thereof;

FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof;

FIG. 7 is a rear elevation view thereof with unclaimed subject matter removed;

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom plan view thereof;

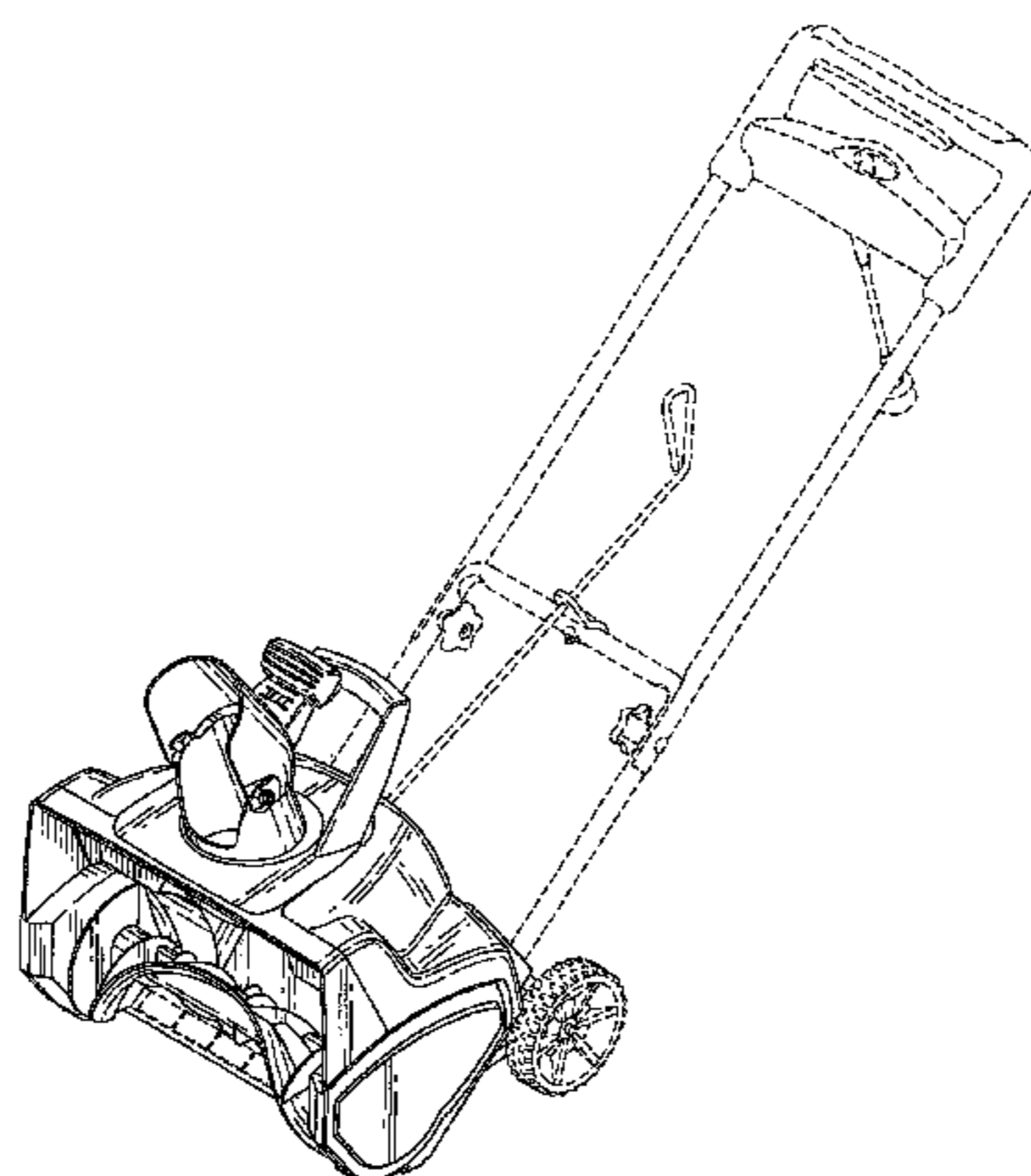
FIG. 10 is a bottom plan view thereof with unclaimed subject matter removed;

FIG. 11 is a left rear perspective view thereof, wherein a corresponding right rear perspective view is a mirror image of FIG. 11; and,

FIG. 12 is a left rear perspective view thereof with unclaimed subject matter removed, wherein a corresponding right rear perspective view is a mirror image of FIG. 12.

The broken line showing of the environment, including the handle/control structure protruding upwardly from the power head, is for illustration purposes only and forms no part of the claimed design. Other broken lines that illustrate boundaries of the snowthrower power head also form no part of the claimed design. Further, both the tire tread and the tire/wheel structure that is located within the outer circumference of the tire are illustrated in broken lines and also form no part of the claimed design.

**1 Claim, 12 Drawing Sheets**



# US D642,596 S

Page 2

## U.S. PATENT DOCUMENTS

4,694,594 A 9/1987 Thorud et al.  
D305,125 S \* 12/1989 Hinklin ..... D15/11  
4,908,968 A 3/1990 Thorud et al.  
D314,775 S 2/1991 Yoshida et al.  
RE33,726 E \* 10/1991 Thorud et al. .... 37/244  
D320,731 S 10/1991 Pink et al.  
D320,993 S 10/1991 Pink et al.  
D324,524 S 3/1992 Beihoffer  
D326,457 S 5/1992 Pink et al.  
5,398,431 A 3/1995 Beihoffer et al.  
5,603,173 A \* 2/1997 Brazell ..... 37/244  
5,966,846 A \* 10/1999 Harms et al. .... 37/249  
D424,578 S \* 5/2000 Friberg et al. .... D15/18  
6,182,383 B1 \* 2/2001 Reed, Jr. .... 37/242  
D448,389 S 9/2001 Katoh et al.  
6,470,602 B2 \* 10/2002 White et al. .... 37/244  
6,643,958 B1 \* 11/2003 Krejci ..... 37/223  
6,745,548 B1 6/2004 Phillip et al.  
D519,127 S 4/2006 Shaffer et al.  
D521,530 S 5/2006 Cohen

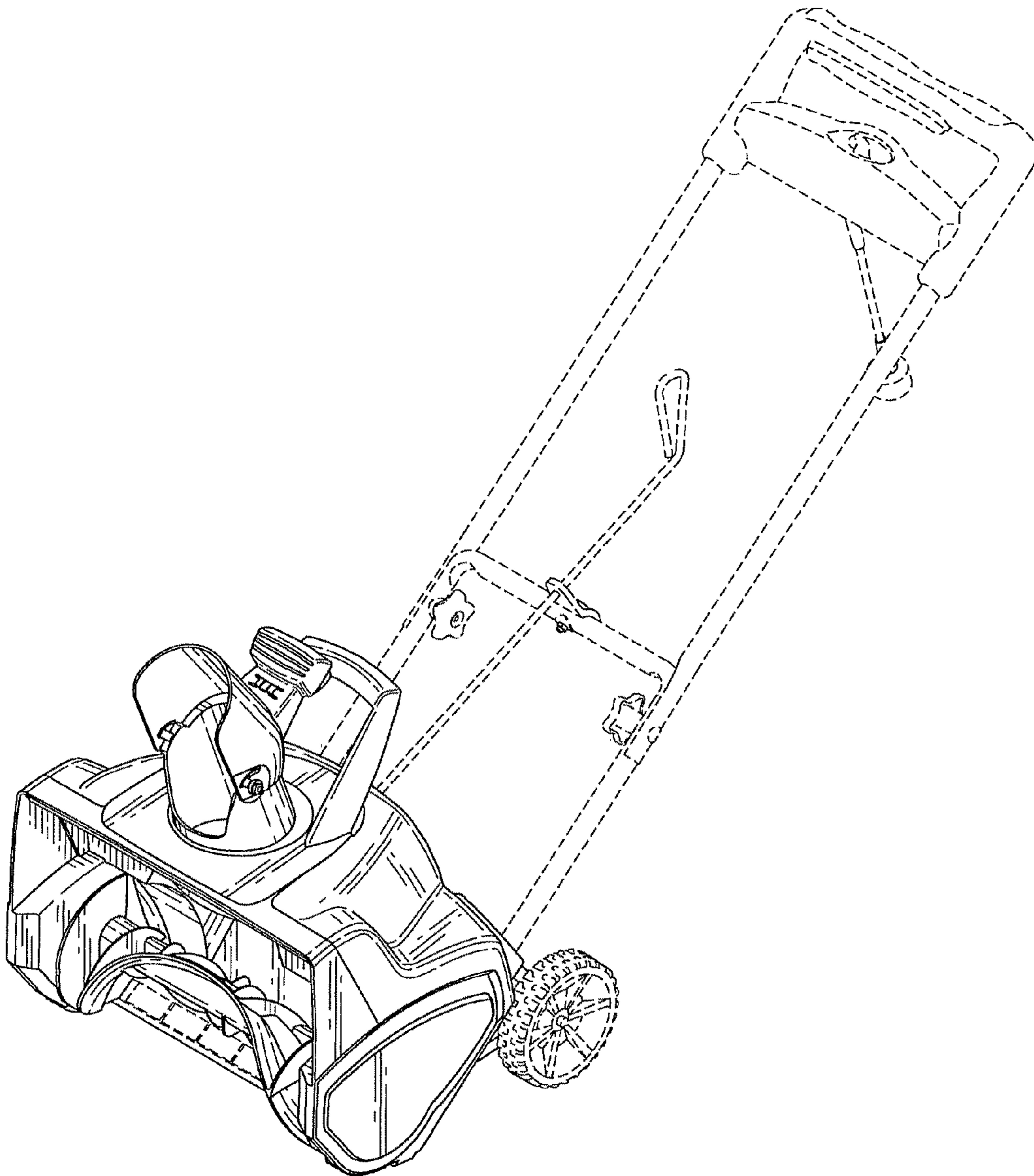
D524,824 S 7/2006 Shaffer et al.  
D544,501 S \* 6/2007 Chung Lee ..... D15/14  
7,257,909 B2 \* 8/2007 Shaffer et al. .... 37/242  
7,472,500 B2 1/2009 White, III  
D603,428 S 11/2009 Tashiro et al.  
7,624,521 B2 \* 12/2009 White et al. .... 37/260  
D610,167 S \* 2/2010 Martin et al. .... D15/14  
D620,030 S \* 7/2010 Baetica ..... D15/14  
D622,291 S \* 8/2010 Martin et al. .... D15/14  
D624,563 S \* 9/2010 Lowe et al. .... D15/18  
2002/0020083 A1 \* 2/2002 White et al. .... 37/244  
2008/0163520 A1 \* 7/2008 White et al. .... 37/260  
2008/0163521 A1 \* 7/2008 White ..... 37/260

## OTHER PUBLICATIONS

“Toro® Electric Snowthrowers: 1800 Power Curve®; 1200 Power Curve®; Electric Power Shovel™,” The Toro Company, Form #490-5760-C, 1995; 2 pgs.

\* cited by examiner

*Fig. 1*



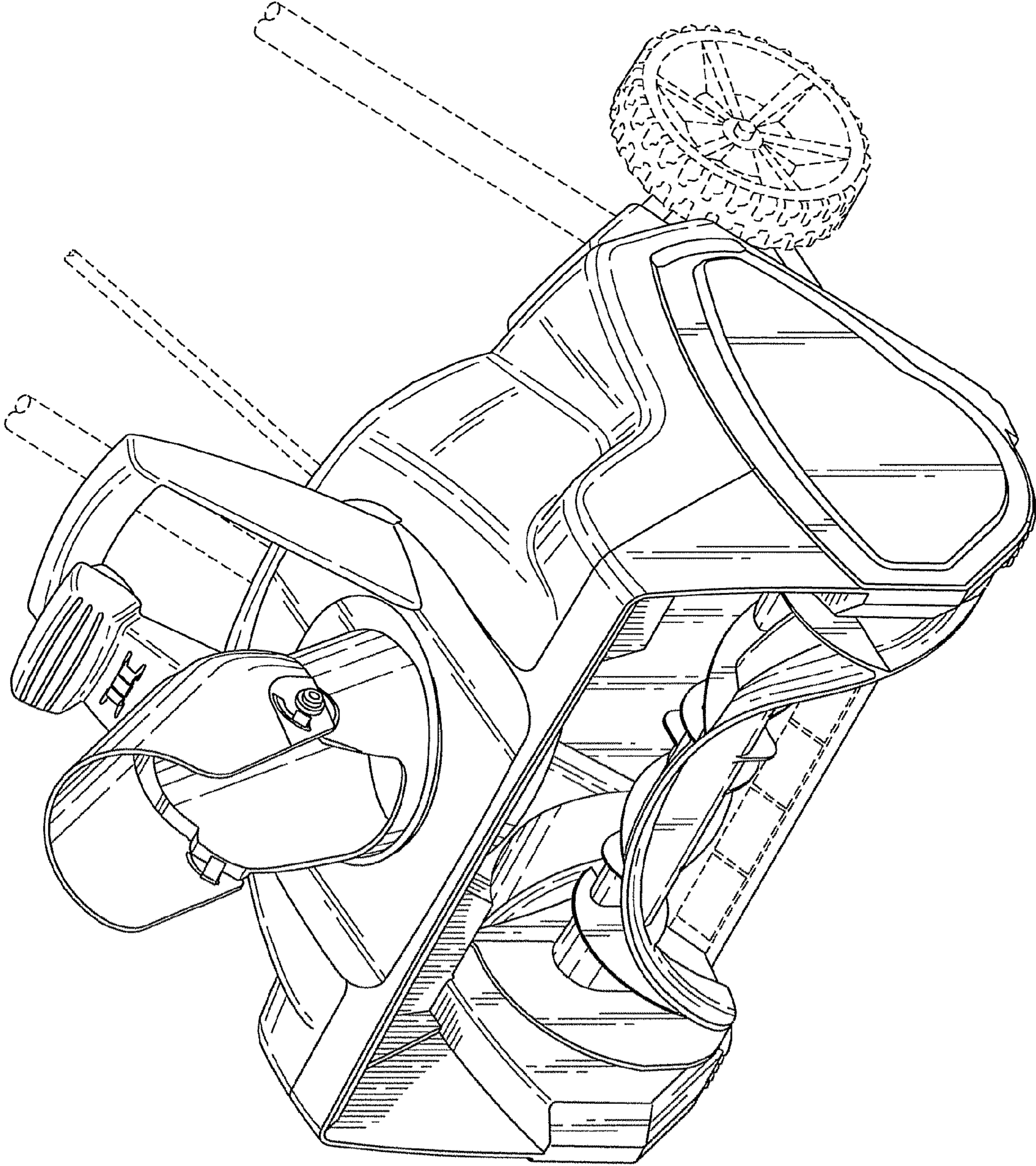
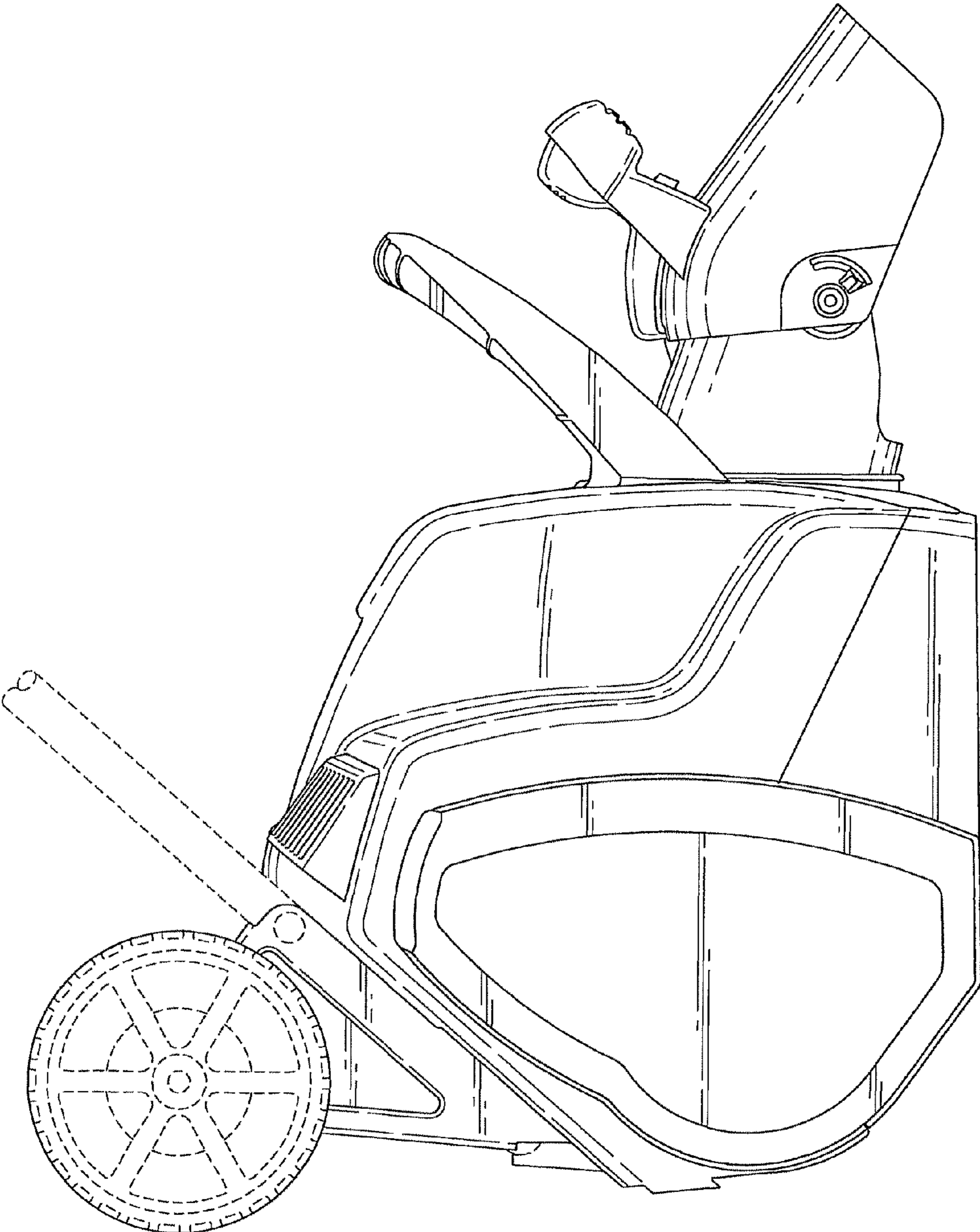
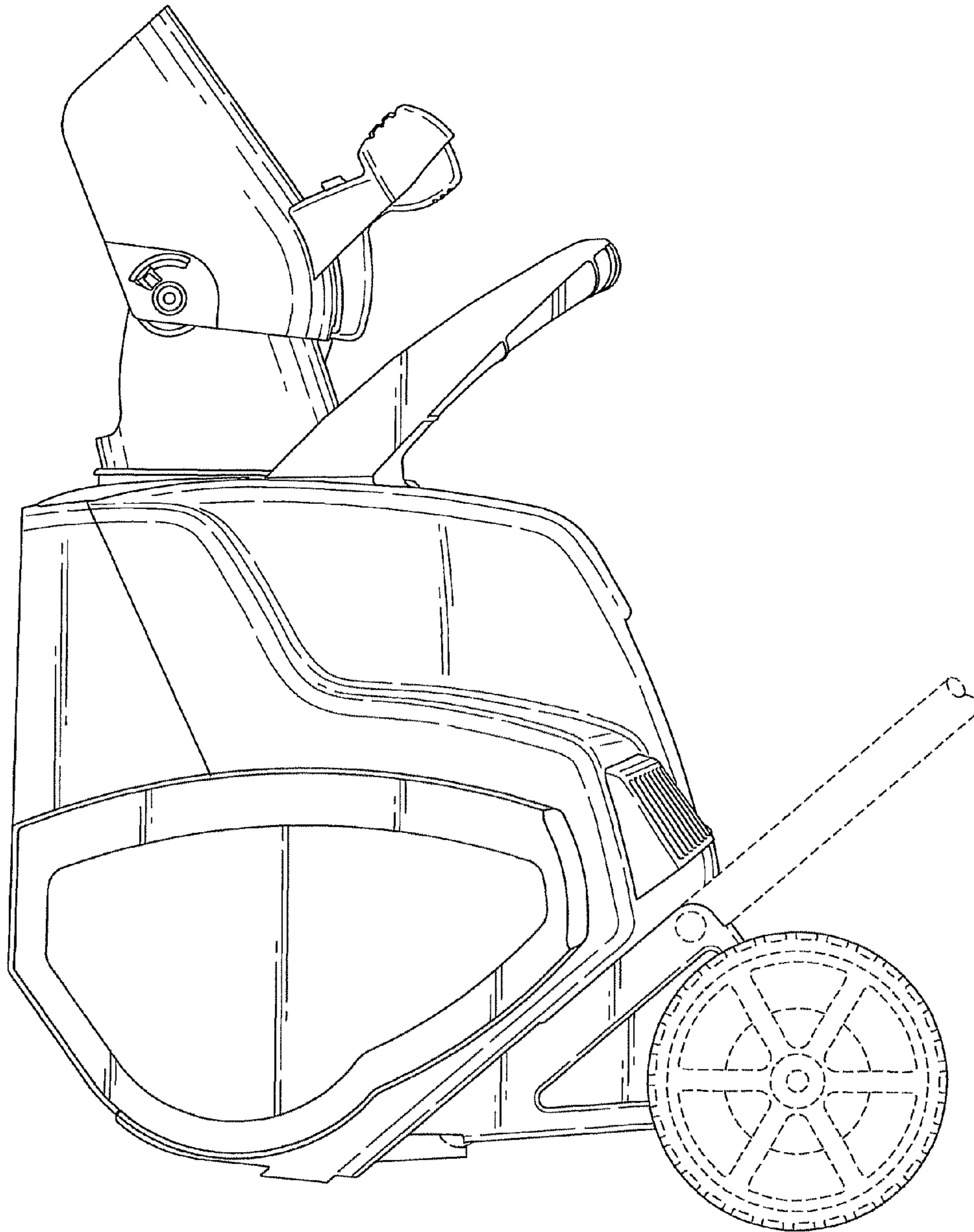


Fig. 2

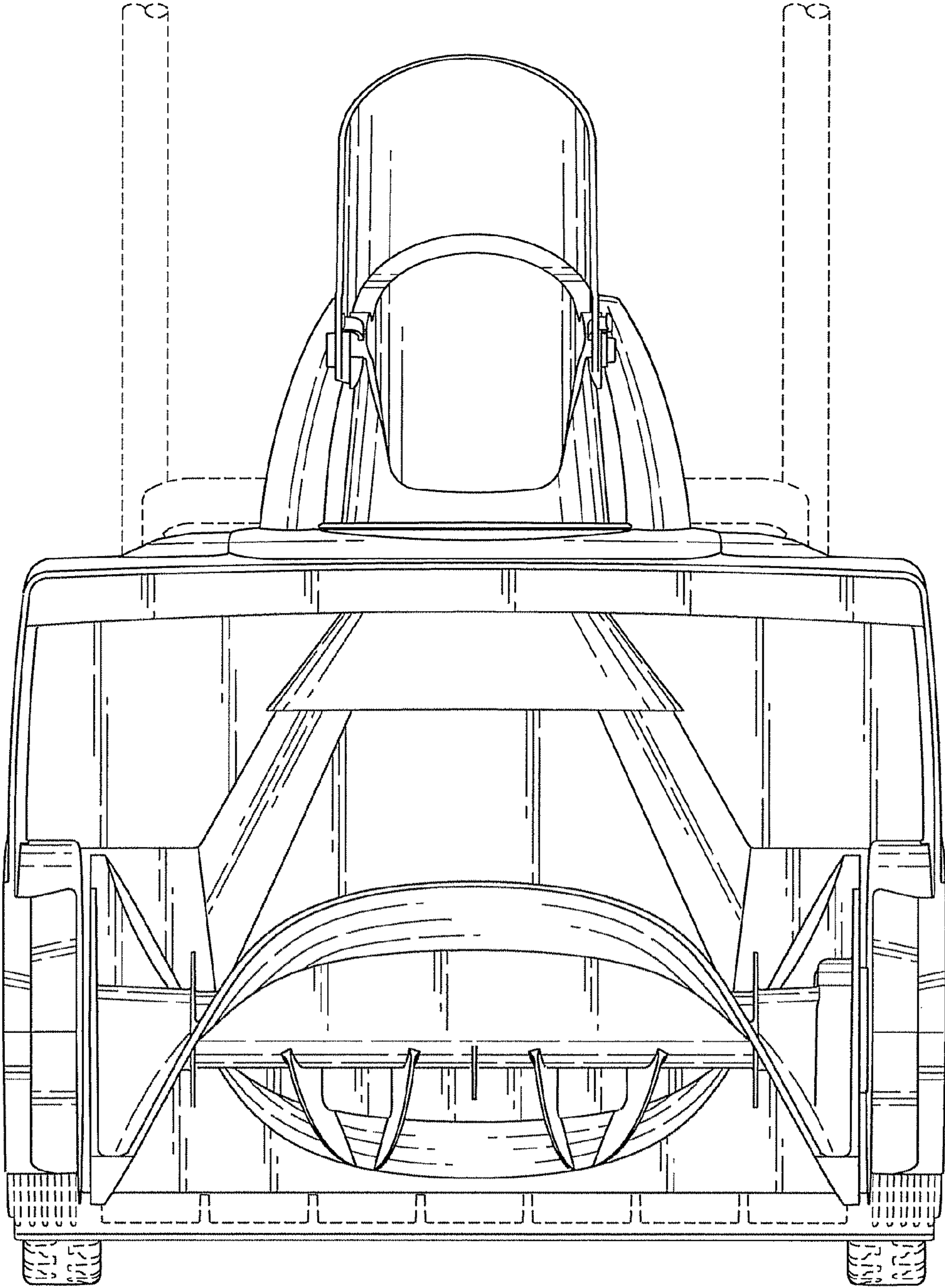
*Fig. 3*



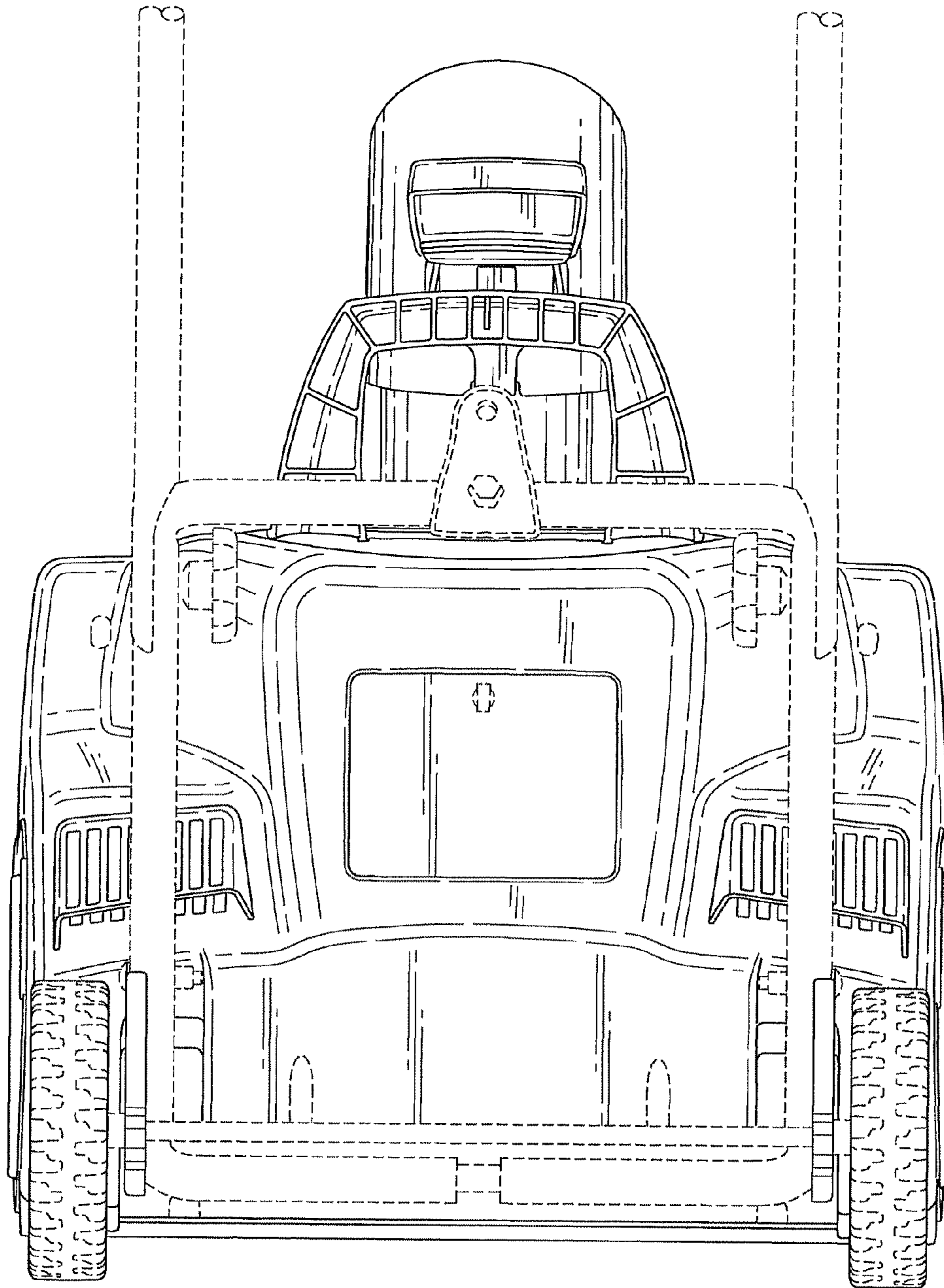
*Fig. 4*



*Fig. 5*

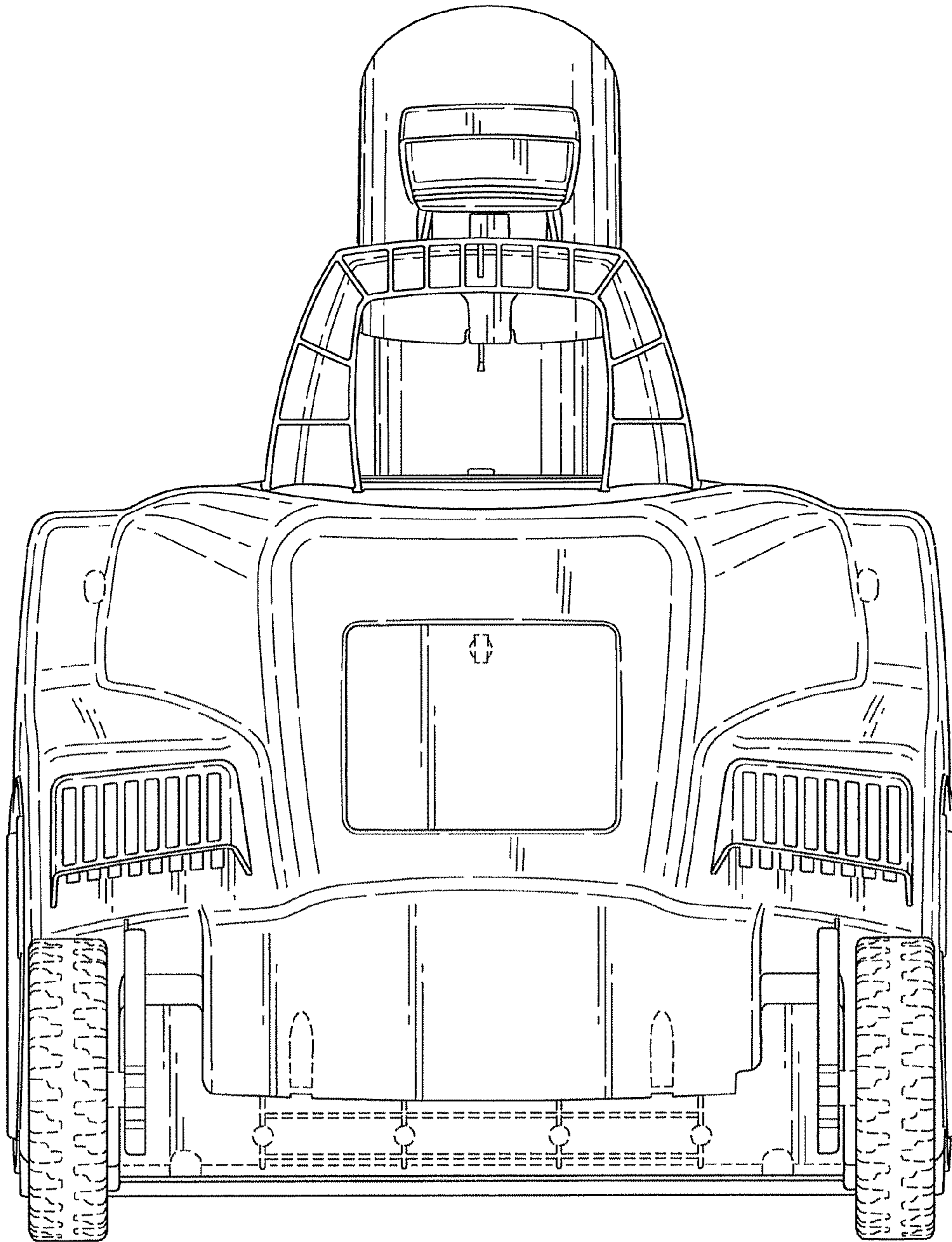


*Fig. 6*

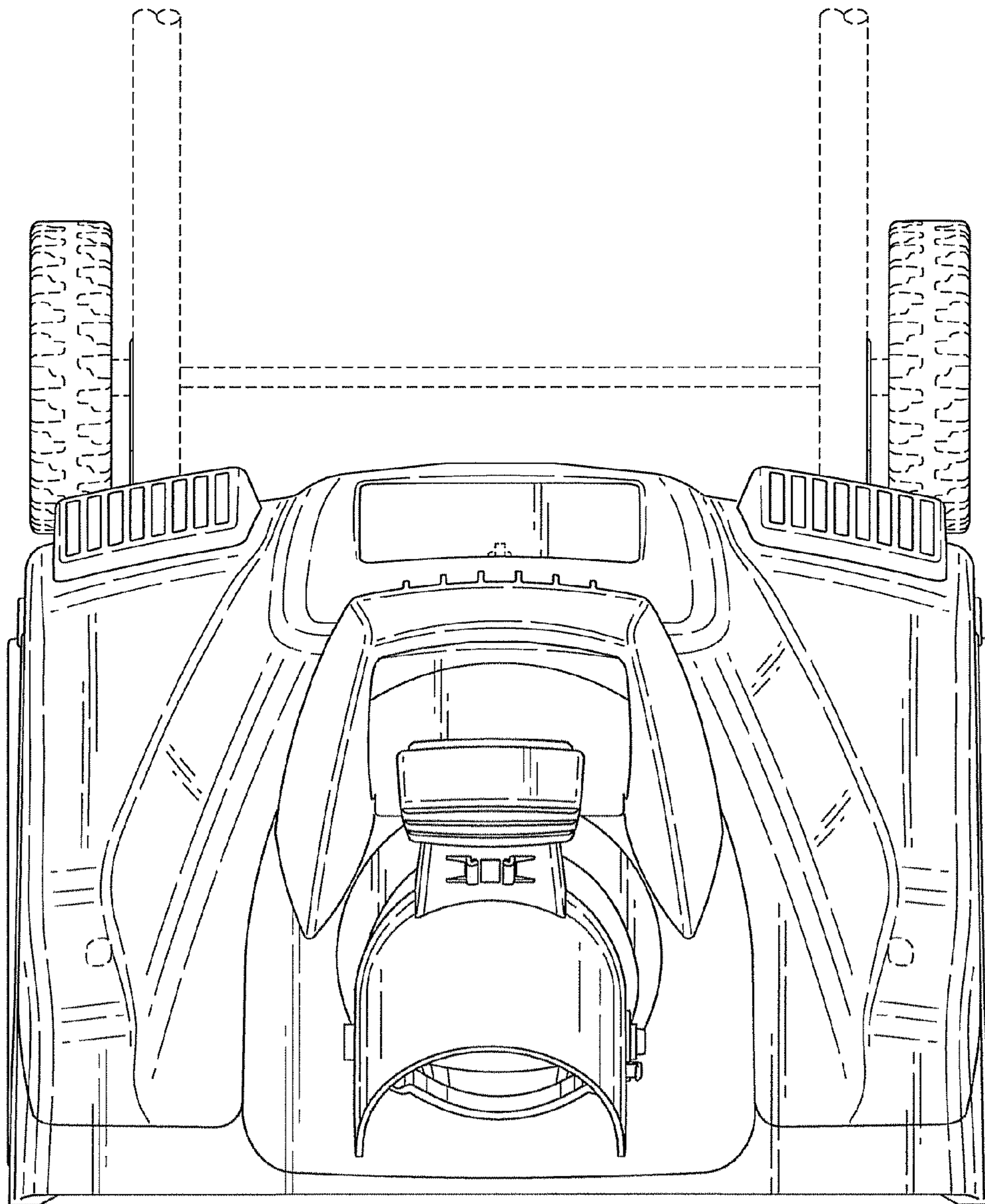




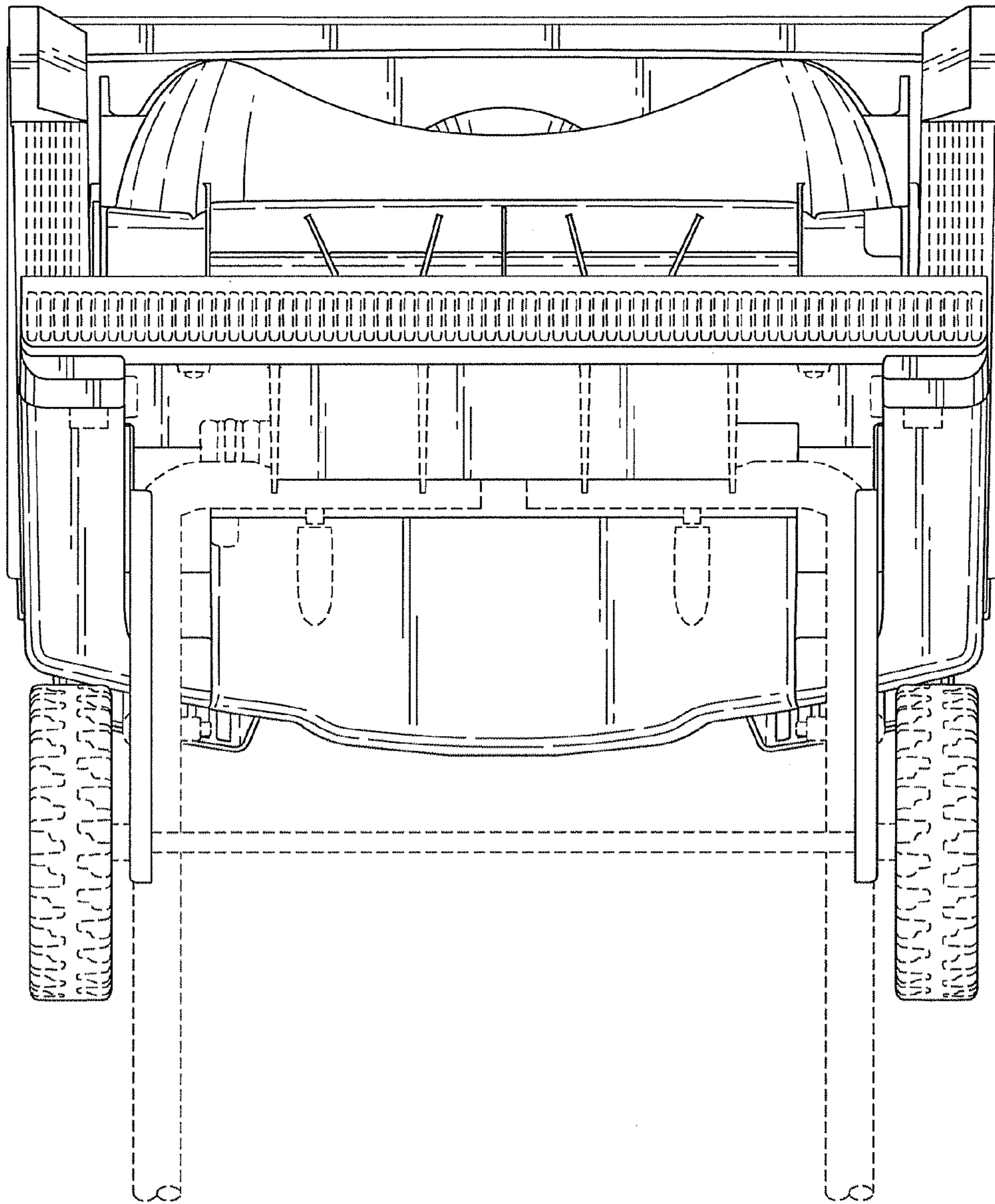
*Fig. 7*



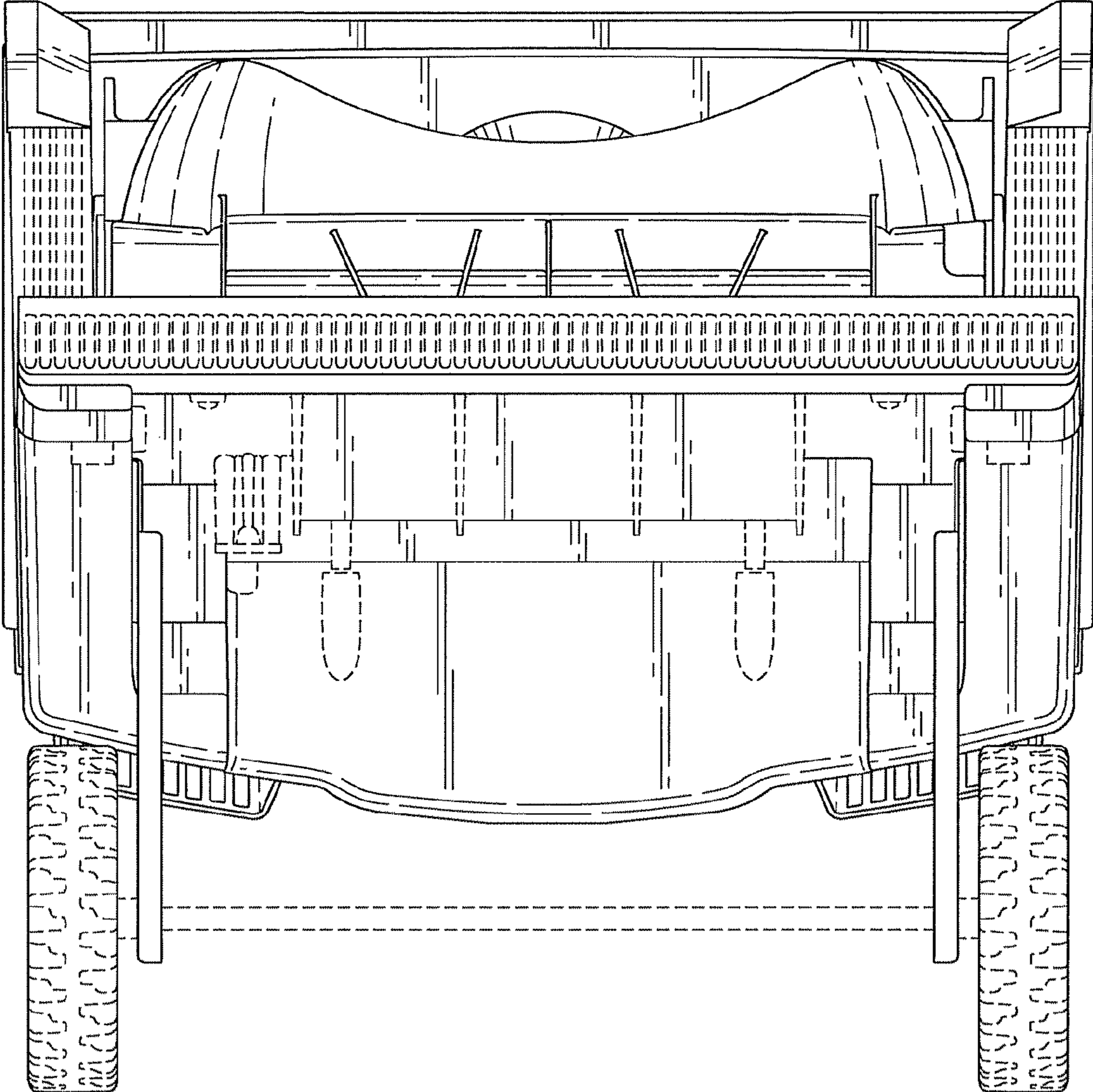
*Fig. 8*



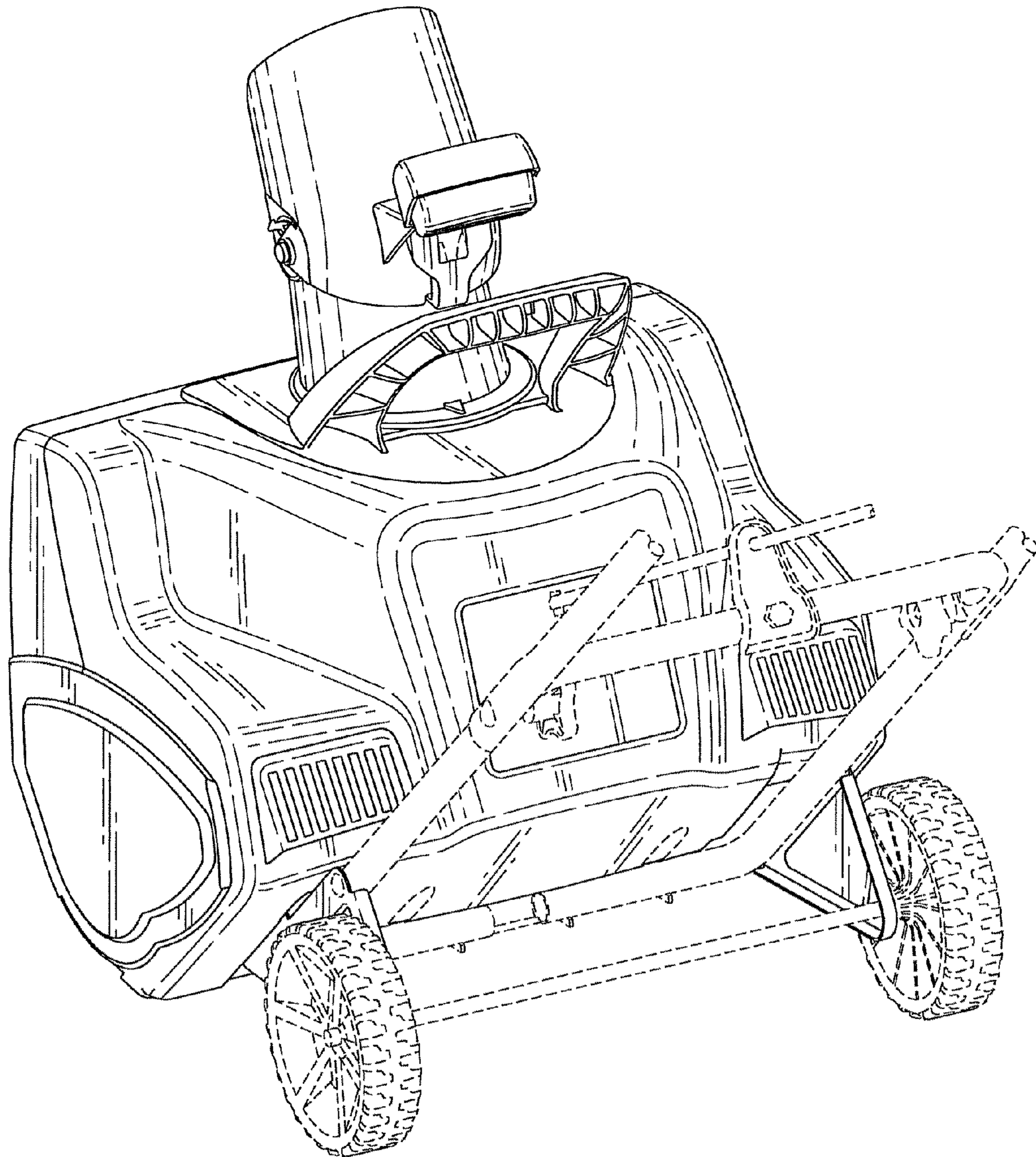
*Fig. 9*



*Fig. 10*



*Fig. 11*



*Fig. 12*

