



US00D705271S

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

(10) **Patent No.:** **US D705,271 S**

(45) **Date of Patent:** **\*\* May 20, 2014**

(54) **AUGER HOUSING FOR A SNOW THROWER**

4,203,237	A *	5/1980	Enters et al.	37/233
4,255,879	A *	3/1981	Greider	37/245
4,255,880	A	3/1981	McMickle et al.	
D260,898	S *	9/1981	Chieda et al.	D15/12

(71) Applicant: **MTD Products Inc**, Valley City, OH (US)

(Continued)

(72) Inventors: **Ryan Cmich**, Sharon Township, OH (US); **Tim Dilgard**, Ashland, OH (US); **Jimmy N. Eavenson, Sr.**, Aurora, OH (US); **Dave Hein**, Elyria, OH (US); **Joe Jocke**, Grafton Township, OH (US); **Amil Saha**, Hudson, OH (US)

FOREIGN PATENT DOCUMENTS

DE	35 18 442	1/1986
DE	10 2004 003111	8/2004

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Aug. 14, 2013 for corresponding application No. PCT/US2013/026427.

(Continued)

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

*Primary Examiner* — Mark Goodwin

(21) Appl. No.: **29/469,055**

(74) *Attorney, Agent, or Firm* — Wegman, Hessler & Vanderburg

(22) Filed: **Oct. 7, 2013**

**Related U.S. Application Data**

(63) Continuation of application No. 13/465,625, filed on May 7, 2012.

(51) **LOC (10) Cl.** ..... **15-03**

(52) **U.S. Cl.**

USPC ..... **D15/11; D15/12**

(58) **Field of Classification Search**

USPC ..... D15/11, 12; 198/676; 37/251, 242–250, 37/254, 257–260, 227, 214, 266, 252; 180/272; 192/224.2; 172/754, 765, 172/771, 772.5, 816

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,349,506	A *	10/1967	Rubin	37/248
3,484,963	A *	12/1969	Munson et al.	37/252
3,913,247	A *	10/1975	Ruhl	37/258
4,123,857	A	11/1978	Enters et al.	
4,188,738	A *	2/1980	Vohl	37/257

(57) **CLAIM**

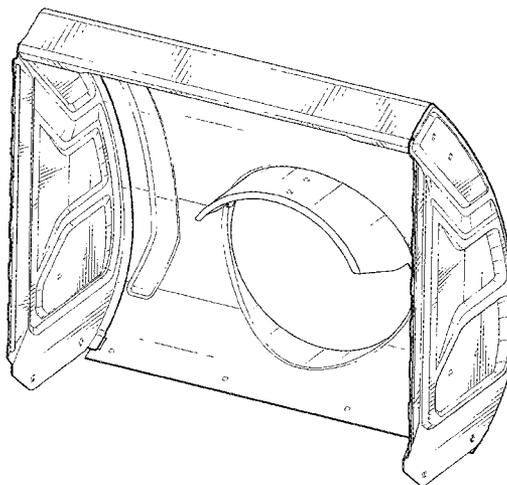
We claim the ornamental design for an auger housing for a snow thrower, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of an auger housing for a snow thrower of the present invention; FIG. 2 is another top front perspective view thereof; FIG. 3 is a top rear perspective view thereof; FIG. 4 is a first side view thereof; FIG. 5 is a second side view thereof; FIG. 6 is a front view thereof; FIG. 7 is a rear view thereof; FIG. 8 is a top view thereof; and, FIG. 9 is a bottom view thereof.

The ornamental design which is claimed is shown in solid lines in the drawings. Any broken lines in the drawings are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,300,295 A 11/1981 Heismann  
 4,325,195 A 4/1982 Comer  
 4,346,526 A 8/1982 Mattson et al.  
 4,346,527 A 8/1982 Schmidt  
 4,360,983 A 11/1982 Krug  
 D270,057 S \* 8/1983 Nakamura ..... D15/12  
 4,398,606 A \* 8/1983 Herscher ..... 172/42  
 D272,742 S \* 2/1984 Hoshino ..... D15/11  
 4,457,086 A 7/1984 Bacon  
 4,477,989 A 10/1984 Vachon  
 4,498,253 A 2/1985 Schmidt  
 4,541,187 A 9/1985 Phelps  
 4,597,203 A 7/1986 Middleton  
 4,619,061 A 10/1986 Swanson  
 4,679,338 A 7/1987 Middleton  
 4,680,881 A 7/1987 Cloutier  
 4,694,594 A 9/1987 Thorud et al.  
 4,765,073 A 8/1988 Cloutier  
 4,852,279 A \* 8/1989 Gerbrandt ..... 37/252  
 4,869,003 A 9/1989 O'Loughlin  
 4,951,403 A 8/1990 Olmr  
 D314,775 S \* 2/1991 Yoshida et al. .... D15/11  
 RE33,726 E 10/1991 Thorud et al.  
 5,101,585 A \* 4/1992 Gerbrandt ..... 37/252  
 5,123,186 A \* 6/1992 Matsushita et al. .... 37/251  
 5,127,174 A \* 7/1992 Takeshita ..... 37/250  
 5,174,053 A \* 12/1992 Takeshita ..... 37/258  
 5,398,432 A 3/1995 Vohl  
 5,450,910 A 9/1995 Strzyzewski  
 5,758,436 A \* 6/1998 Harms ..... 37/249  
 5,813,152 A 9/1998 Weight

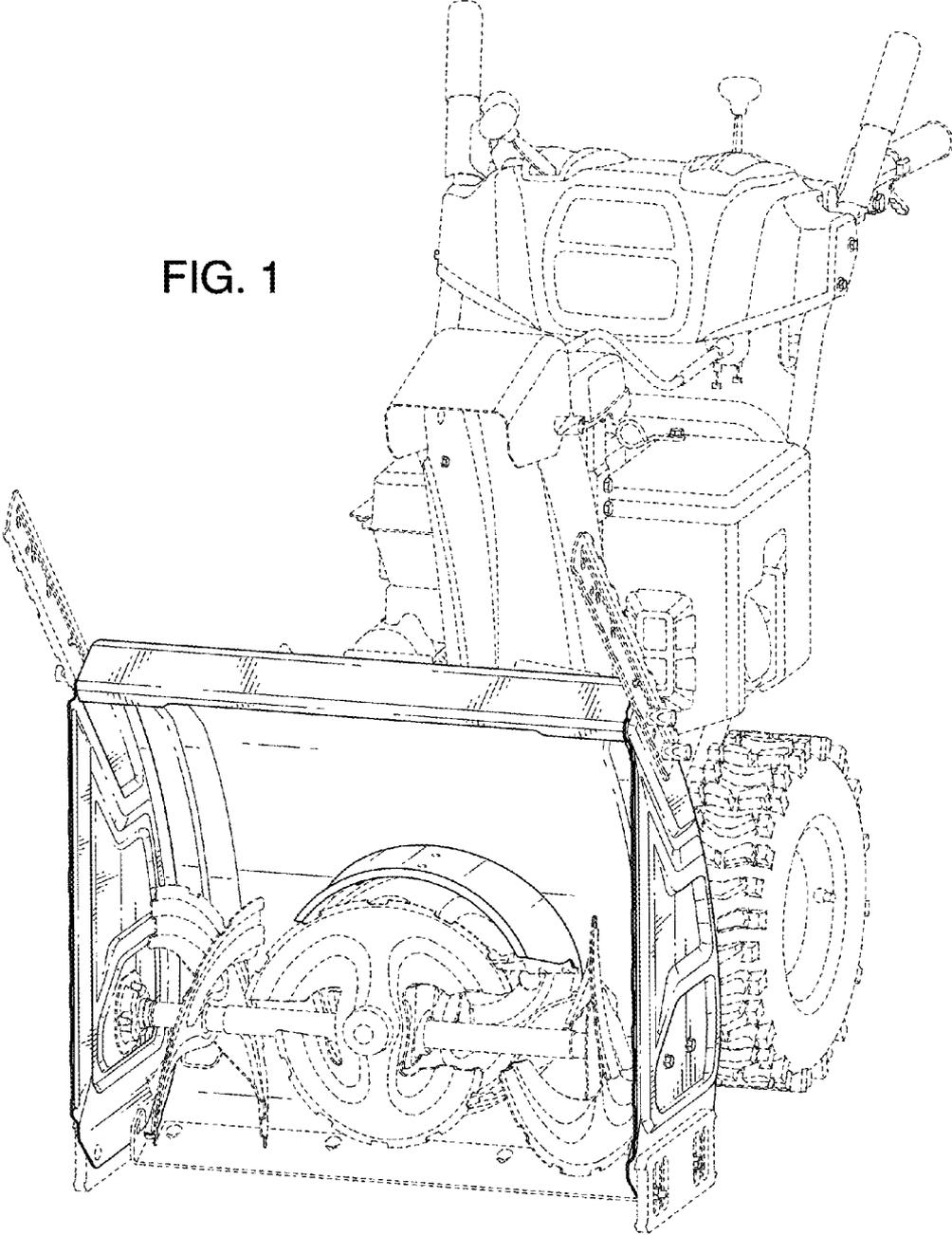
5,966,846 A \* 10/1999 Harms et al. .... 37/249  
 6,131,316 A \* 10/2000 Yoshina et al. .... 37/242  
 6,199,306 B1 \* 3/2001 Kauppila et al. .... 37/249  
 6,260,293 B1 7/2001 Monroe  
 6,318,003 B1 11/2001 Heismann  
 6,327,798 B1 \* 12/2001 Sakai et al. .... 37/249  
 6,353,212 B1 3/2002 Smith  
 D457,171 S \* 5/2002 Fowler ..... D15/11  
 6,470,602 B2 \* 10/2002 White et al. .... 37/244  
 6,499,238 B2 \* 12/2002 Kluck et al. .... 37/261  
 6,560,905 B2 5/2003 Monroe  
 D494,193 S \* 8/2004 Martin et al. .... D15/12  
 D498,770 S \* 11/2004 Yuzuriha ..... D15/12  
 D500,053 S \* 12/2004 Yuzuriha et al. .... D15/12  
 6,860,041 B2 \* 3/2005 Sakai et al. .... 37/250  
 6,865,826 B1 \* 3/2005 Lakin ..... 37/233  
 D508,700 S \* 8/2005 Sakai et al. .... D15/11  
 6,922,921 B2 \* 8/2005 Sakai et al. .... 37/257  
 6,938,364 B2 \* 9/2005 White et al. .... 37/248  
 D554,155 S \* 10/2007 Yuzuriha ..... D15/12  
 7,305,777 B2 \* 12/2007 Kettering et al. .... 37/233  
 D603,428 S \* 11/2009 Tashiro et al. .... D15/12  
 D604,333 S \* 11/2009 Yuzuriha et al. .... D15/12  
 7,703,223 B2 \* 4/2010 Walker et al. .... 37/260  
 D617,350 S \* 6/2010 Cummings ..... D15/11  
 8,402,680 B2 \* 3/2013 Steinike et al. .... 37/251  
 2004/0255492 A1 \* 12/2004 White et al. .... 37/244

OTHER PUBLICATIONS

Airport Technologies Inc; "Snow Wolf" flyer; published prior to Mar. 2, 2011.

\* cited by examiner

FIG. 1



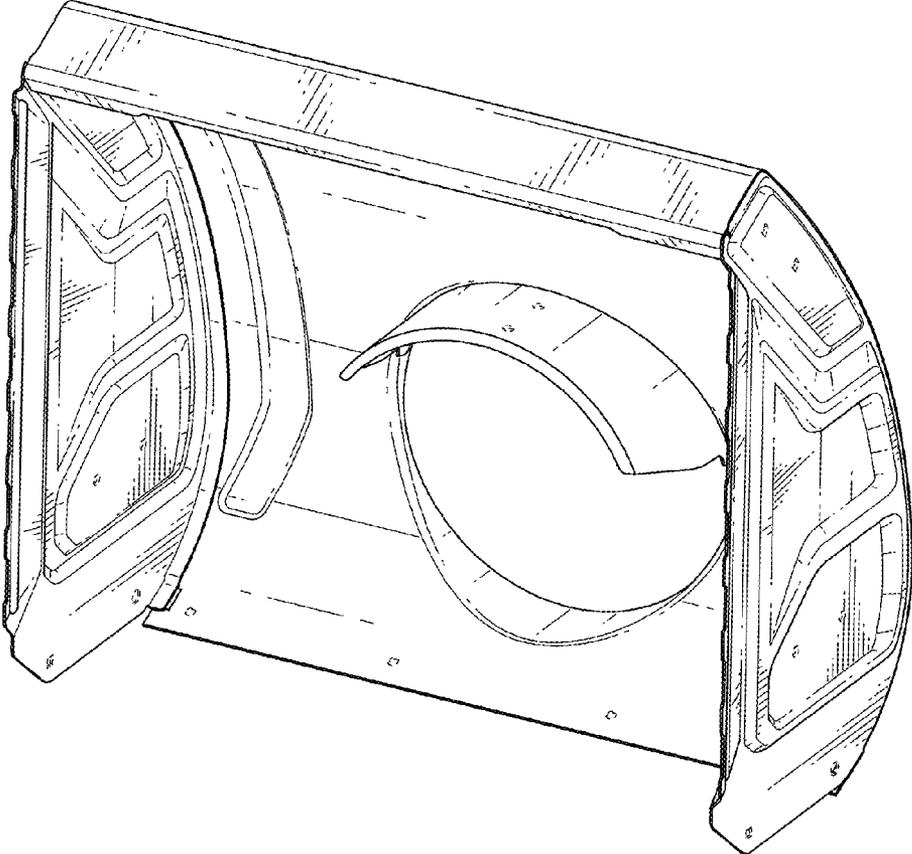


FIG. 2

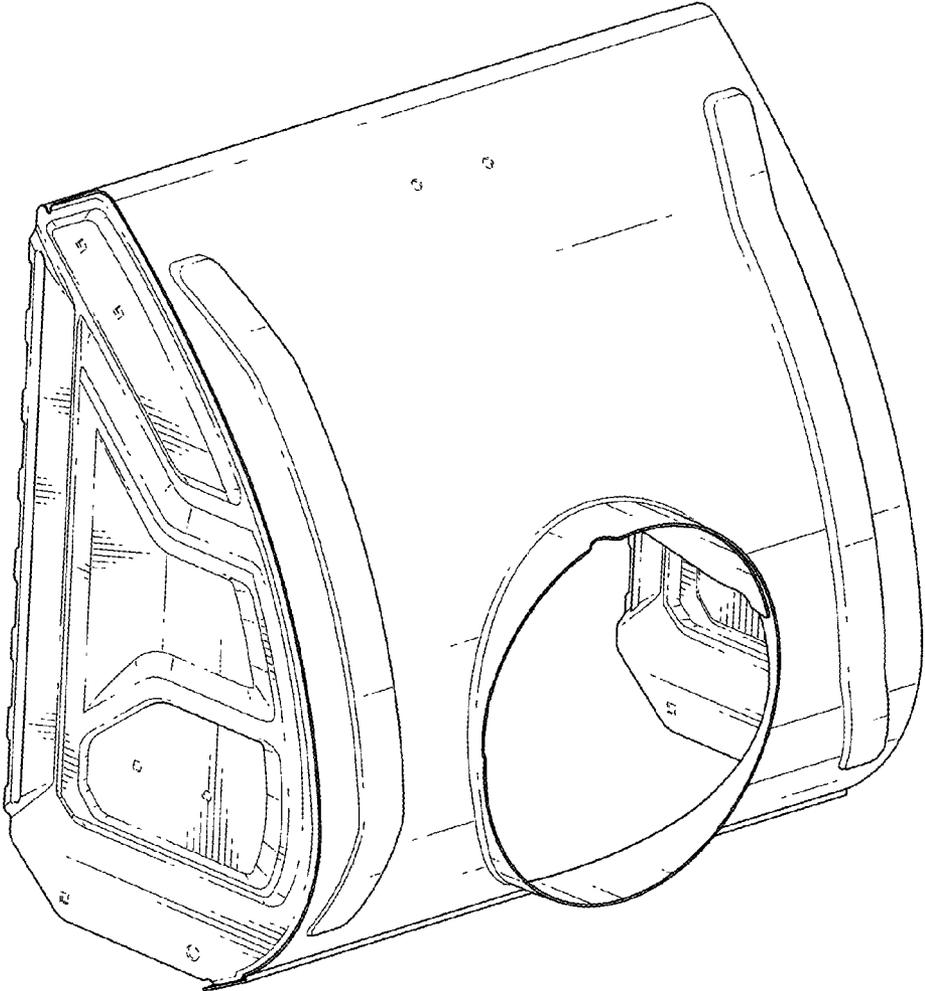


FIG. 3

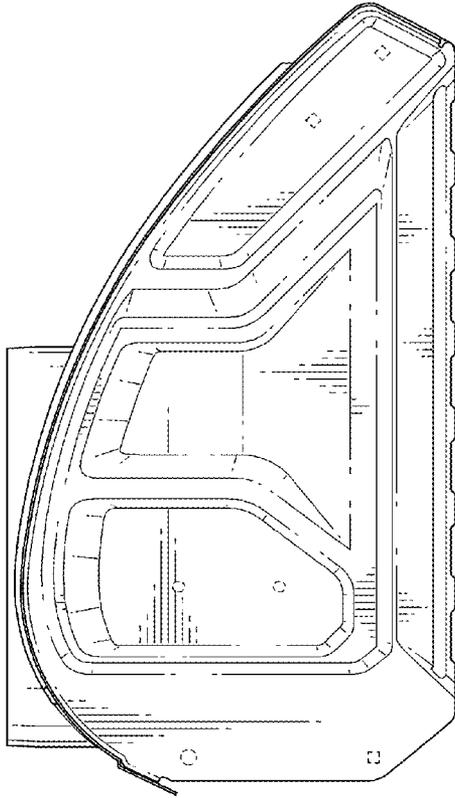


FIG. 4

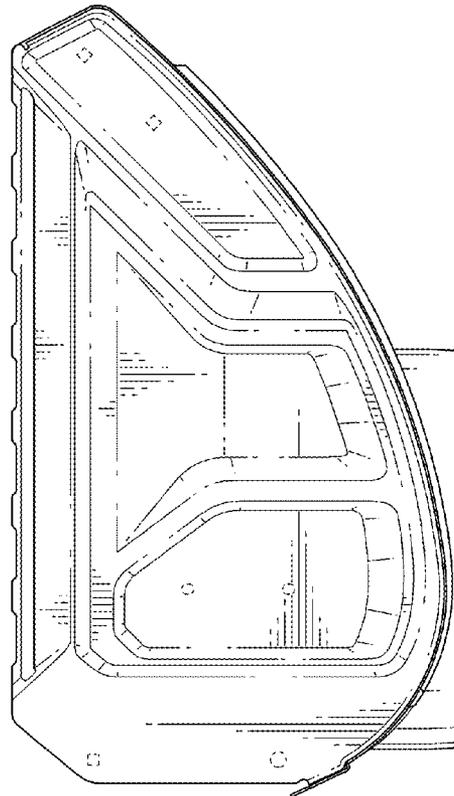


FIG. 5

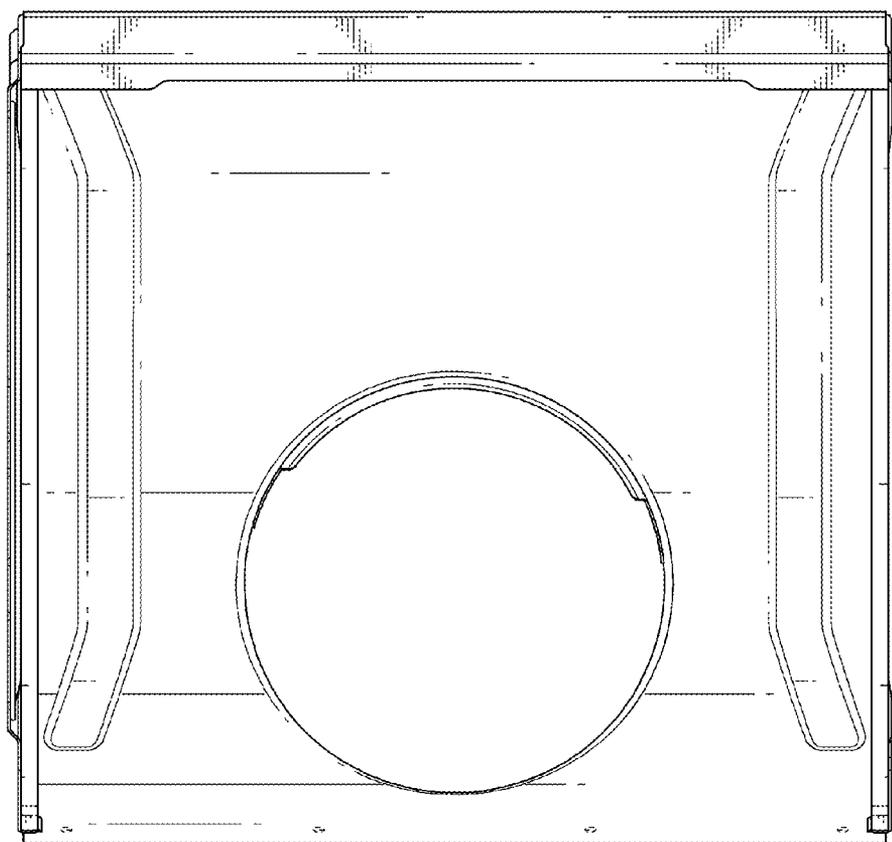


FIG. 6

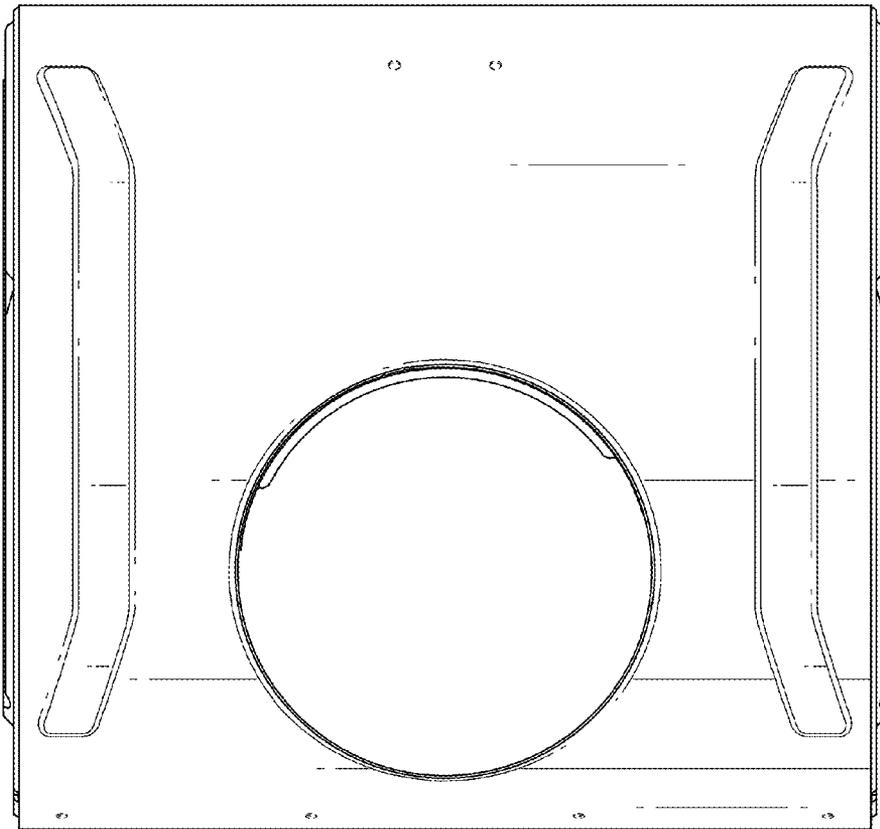


FIG. 7

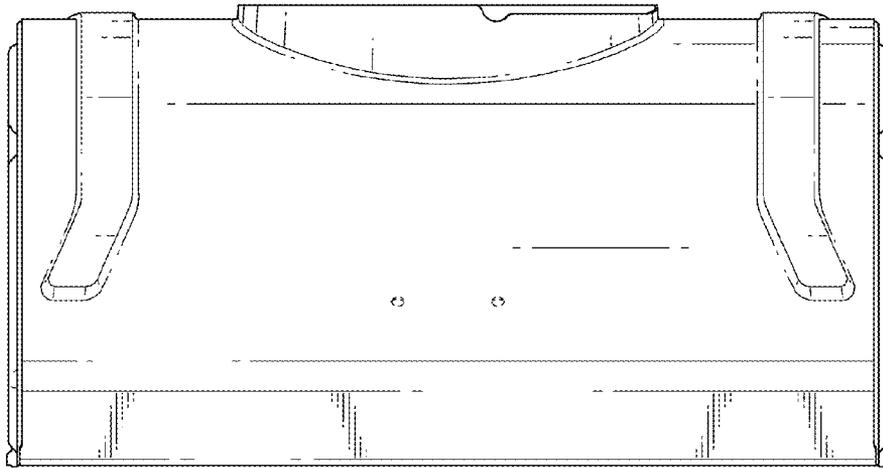


FIG. 8

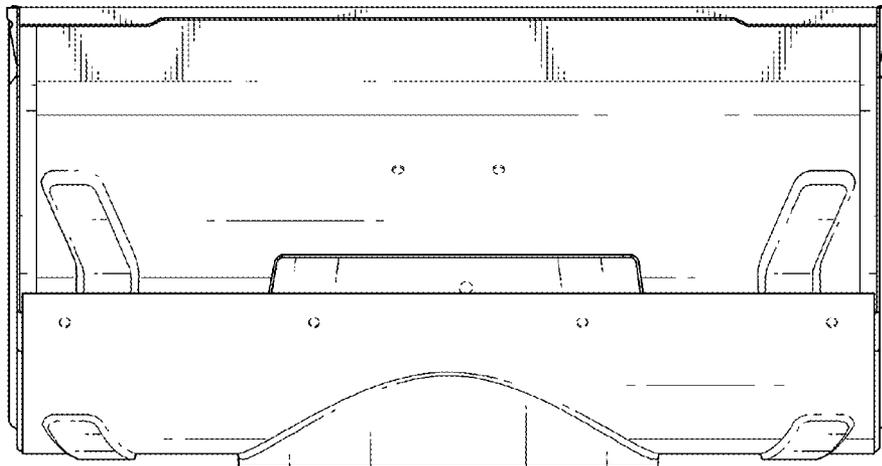


FIG. 9