



US00D738197S

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

(10) **Patent No.:** **US D738,197 S**

(45) **Date of Patent:** **\*\* Sep. 8, 2015**

(54) **SEED TUBE EXTENSION BRACKET**

(71) Applicant: **SCHAFFERT MANUFACTURING COMPANY, INC.**, Indianola, NE (US)

(72) Inventor: **Paul E. Schaffert**, Indianola, NE (US)

(73) Assignee: **SCHAFFERT MANUFACTURING COMPANY, INC.**, Indianola, NE (US)

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

(21) Appl. No.: **29/446,440**

(22) Filed: **Feb. 22, 2013**

(51) **LOC (10) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/366**

(58) **Field of Classification Search**

USPC ..... D8/381, 280, 382, 354, 366, 353, 363,  
D8/356, 373, 376, 377, 71, 106, 349, 355,  
D8/396; 248/200, 243, 347, 251, 237, 235,  
248/248, 249, 250, 300, 544, 588, 242, 314,  
248/267, 265, 207; 108/152, 108, 137, 42;  
174/68.1, 73.1, 57, 48, 135; 52/687,  
52/686, 506.07, 506.06, 426; D6/572,  
D6/574, 555, 705.6, 566, 549; D25/121,  
D25/164, 126, 61, 55, 48.2, 48.3, 48.7, 119;  
211/134; 482/16, 32; 160/381, 371,  
160/369; 16/225  
CPC ..... E06B 2009/527; E06B 2003/7096;  
E06B 3/9641; E06B 5/00; E06B 2002/7479;  
E06B 2002/7483; A47B 2096/207; B25B  
27/0092; E05D 15/0691; F16B 12/02

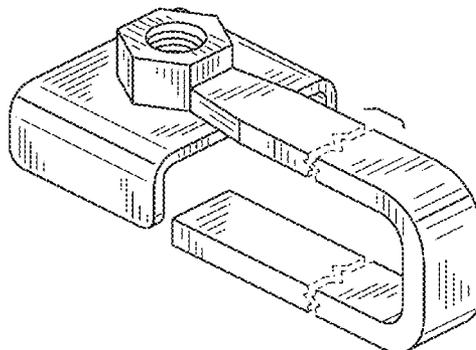
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

13,683 A 10/1855 McCormick  
35,510 A 6/1862 De Haven  
122,299 A 12/1871 Wight et al.  
176,708 A 4/1876 Templin  
183,947 A 10/1876 Lewis  
203,207 A 4/1878 Springer

211,601 A 1/1879 Springer  
221,004 A 10/1879 Strayer  
252,265 A 1/1882 Scofield  
288,661 A 11/1883 Purdy et al.  
308,327 A 11/1884 Runstetler  
322,841 A 7/1885 Miskimen  
410,438 A 9/1889 Patric et al.  
555,897 A 3/1896 Crane  
789,798 A 5/1905 Deterding  
889,947 A 6/1908 Miller  
909,137 A 1/1909 Bellerive  
1,104,602 A 7/1914 Akers  
1,473,297 A 11/1923 Knight  
1,691,466 A 11/1928 Burtner  
1,934,490 A 11/1933 Elliot  
2,096,230 A 10/1937 Elliot  
2,533,374 A 12/1950 Hyland  
2,554,205 A 5/1951 Oehler  
2,849,969 A 9/1958 Taylor  
2,872,883 A 2/1959 Padrick  
3,182,345 A 5/1965 Smith  
3,336,885 A 8/1967 Lebow  
D227,165 S \* 6/1973 Herman ..... D8/356  
4,108,089 A 8/1978 van der Lely  
4,148,267 A 4/1979 Bennett et al.  
4,253,412 A 3/1981 Hogenson  
4,276,836 A 7/1981 Pust  
4,373,455 A 2/1983 Friggstad  
4,420,516 A 12/1983 Ermert et al.  
4,445,445 A 5/1984 Sterrett  
4,446,801 A 5/1984 Machnee et al.  
4,542,705 A 9/1985 Orth  
4,565,141 A 1/1986 Kopecky  
4,580,507 A 4/1986 Dreyer et al.  
D285,205 S 8/1986 Johnson  
4,607,581 A 8/1986 Kopecky  
4,628,841 A 12/1986 Powilleit  
4,671,193 A 6/1987 States  
4,674,419 A 6/1987 Kopecky  
4,779,674 A 10/1988 McNulty  
4,911,090 A 3/1990 Schimke  
5,092,255 A 3/1992 Long et al.  
5,375,542 A 12/1994 Schaffert  
5,425,318 A 6/1995 Keeton  
5,640,915 A 6/1997 Schaffert  
5,673,638 A 10/1997 Keeton  
5,730,074 A 3/1998 Peter  
5,852,982 A 12/1998 Peter  
5,918,557 A 7/1999 Schaffert  
5,996,514 A 12/1999 Arriola et al.  
6,067,917 A 5/2000 Nimberger et al.  
6,082,274 A 7/2000 Peter  
6,082,275 A 7/2000 Schaffert



6,119,608	A	9/2000	Peterson et al.	
6,209,466	B1	4/2001	Wodrich	
6,220,191	B1	4/2001	Peter	
6,283,050	B1	9/2001	Schaffert	
6,397,767	B1	6/2002	Dietrich, Sr.	
6,453,832	B1	9/2002	Schaffert	
6,530,334	B2	3/2003	Hagny	
D473,124	S *	4/2003	Wu et al.	D8/356
D473,448	S *	4/2003	Wu et al.	D8/356
6,763,773	B2	7/2004	Schaffert	
7,121,216	B2	10/2006	Schaffert	
D587,100	S *	2/2009	Allsopp	D8/356
7,552,689	B2	6/2009	Schaffert	
D612,226	S *	3/2010	Dinh	D8/356
7,942,102	B2	5/2011	Schaffert	
2003/0051650	A1	3/2003	Engelke et al.	
2007/0113763	A1	5/2007	Schaffert	
2009/0084295	A1	4/2009	Schaffert	
2010/0212558	A1	8/2010	Schaffert	

## FOREIGN PATENT DOCUMENTS

DE	3114771	10/1982
DE	3321490	12/1984
DE	3441610	5/1986

## OTHER PUBLICATIONS

Author Unknown, "1200 Series Advanced Seed Meter Planters", Catalog of Case IH, a brand of CNH Americal LLC, 2005, 1-35.

Author Unknown, "Cost-Effective Solutions for Real-World Needs", Yetter Profitable Solutions, at least as early as Dec. 21, 2007, 1-29.

Author Unknown, "Keeton Seed Firmer", found at web-page, <http://precisionplanting.com/html/keeton.html>, at least as early as Dec. 30, 2000, 1 page.

Author Unknown, "Keeton Seed Firmer", Brochure of J & K Enterprises, 1994, 2 pages.

Author Unknown, "Keeton Seed Firmer", Precision Planting, at least as early as Apr. 9, 2001, 4 pages.

Author Unknown, "Seed to Soil Inforcer", Seed Flap, Spring 1995, 1 page.

Author Unknown, "Tube Alignment Brackets", M & J Cotton Farms, Inc., at least as early as Oct. 30, 1995, 1 page.

Author Unknown, "We Know It's All About Strong Roots", Yetter Profitable Solutions, at least as early as Dec. 21, 2007, 1-27.

Finck, Charlene, "Put seed in its place", Farm Journal, Jan. 1995, 3 pages.

US Preliminary Amendment dated Jun. 23, 1997, U.S. Appl. No. 08/881,176, 4 pages.

US Notice of Allowance dated Sep. 29, 1998, U.S. Appl. No. 08/881,176, 4 pages.

US Notice of Allowance dated Jan. 21, 1999, U.S. Appl. No. 08/881,176, 3 pages.

US Preliminary Amendment dated May 2, 2000, U.S. Appl. No. 09/563,106, 4 pages.

US Notice of Allowance dated May 7, 2002, U.S. Appl. No. 09/832,740, 6 pages.

US Notice of Allowance dated Jun. 30, 2006, U.S. Appl. No. 10/819,565, 4 pages.

US Restriction Requirement dated Nov. 21, 2007, U.S. Appl. No. 11/169,050, 7 pages.

US Notice of Non-Compliant Response to Restriction Requirement dated Feb. 13, 2008, U.S. Appl. No. 11/169,050, 3 pages.

US Notice of Allowance dated Nov. 17, 2008, U.S. Appl. No. 11/169,050, 4 pages.

US Notice of Allowance dated Feb. 25, 2009, U.S. Appl. No. 11/169,050, 4 pages.

US Restriction Requirement dated May 1, 2009, U.S. Appl. No. 11/862,477, 8 pages.

US Terminal Disclaimer dated Oct. 15, 2010, U.S. Appl. No. 12/493,703, 1 page.

US Restriction Requirement dated Oct. 29, 2010, U.S. Appl. No. 12/773,645, 5 pages.

US Notice to File Corrected Application Papers dated Feb. 18, 2011, U.S. Appl. No. 12/493,703, 3 pages.

US Response to Notice to File Corrected Application Papers dated Mar. 15, 2011, U.S. Appl. No. 12/493,703, 5 pages.

US Response to Rule 312 Communication dated Mar. 23, 2011, U.S. Appl. No. 12/493,703, 2 pages.

US Supplemental Notice of Allowability dated Apr. 1, 2011, U.S. Appl. No. 12/493,703, 4 pages.

US Supplemental Notice of Allowability dated Apr. 11, 2011, U.S. Appl. No. 12/493,703, 4 pages.

US Terminal Disclaimer dated May 9, 2011, U.S. Appl. No. 12/773,645, 1 page.

US Response and Terminal Disclaimer to Non-Final Office Action dated May 9, 2011, U.S. Appl. No. 12/773,645, 5 pages.

US Request for Continue Examination dated Sep. 29, 2011, U.S. Appl. No. 12/773,645, 1 page.

US Supplemental Amendment and Response to Final Office Action dated Oct. 4, 2011, U.S. Appl. No. 12/773,645, 8 pages.

US Restriction Requirement dated Oct. 24, 2011, U.S. Appl. No. 12/773,645, 6 pages.

US Response to Restriction Requirement dated Nov. 23, 2011, U.S. Appl. No. 12/773,645, 8 pages.

\* cited by examiner

*Primary Examiner* — Robert M Spear

*Assistant Examiner* — Eliza Bennett-Hattan

(74) *Attorney, Agent, or Firm* — Dorsey & Whitney LLP

(57)

## CLAIM

The ornamental design for an seed tube extension bracket, as shown and described.

## DESCRIPTION

FIG. 1 shows a front perspective view of a seed tube extension bracket;

FIG. 2 shows a top view of the bracket of FIG. 1;

FIG. 3 shows a left elevation view of the bracket of FIG. 1, the right elevation view being a mirror image thereof;

FIG. 4 shows a bottom view of the bracket of FIG. 1;

FIG. 5 shows a front elevation view of the bracket of FIG. 1;

FIG. 6 shows a rear elevation view of the bracket of FIG. 1;

FIG. 7 shows a front perspective view of a second example bracket;

FIG. 8 shows a top view of the bracket of FIG. 7;

FIG. 9 shows a left elevation view of the bracket of FIG. 7, the right elevation view being a mirror image thereof;

FIG. 10 shows a bottom view of the bracket of FIG. 7;

FIG. 11 shows a front elevation view of the bracket of FIG. 7;

FIG. 12 shows a rear elevation view of the bracket of FIG. 7;

FIG. 13 shows a front perspective view of a third example bracket;

FIG. 14 shows a top view of the bracket of FIG. 13;

FIG. 15 shows a left elevation view of the bracket of FIG. 13, the right elevation view being a mirror image thereof;

FIG. 16 shows a front elevation view of the bracket of FIG. 13;

FIG. 17 shows a rear elevation view of the bracket of FIG. 13;

FIG. 18 shows a bottom view of the bracket of FIG. 13;

FIG. 19 shows a front perspective view of a fourth example bracket;

FIG. 20 shows a top view of the bracket of FIG. 19;

FIG. 21 shows a left elevation view of the bracket of FIG. 19, the right elevation view being a mirror image thereof;

FIG. 22 shows a front elevation view of the bracket of FIG. 19;

FIG. 23 shows a rear elevation view of the bracket of FIG. 19; and,

FIG. 24 shows a bottom view of the bracket of FIG. 19.

The left elevation view of the bracket is symmetrical to the right elevation view of the bracket.

The dashed lines in FIGS. 1-6 & 13-18 depict unclaimed environmental subject matter only, and form no part of the claimed design. The dash-dot-dash lines in the figures represent the claim boundaries.

The seed tube extension bracket is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

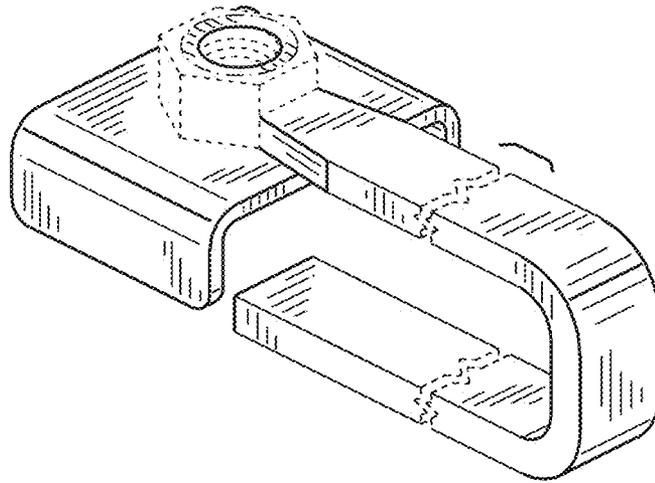


FIG. 1

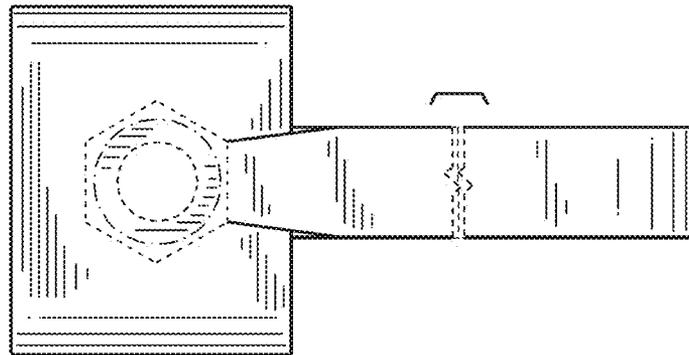


FIG. 2

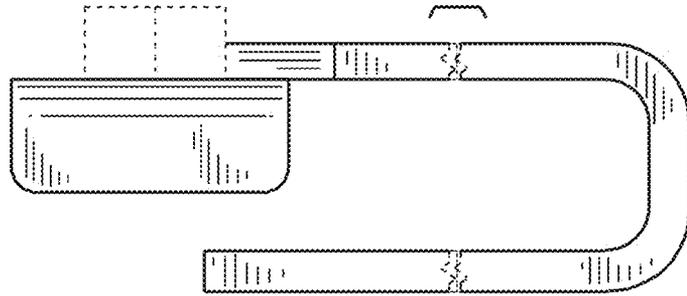


FIG. 3

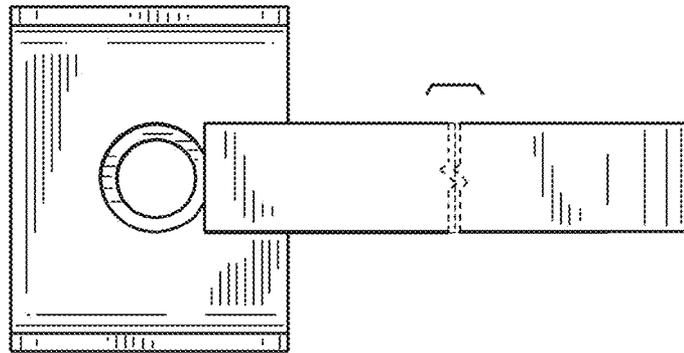


FIG. 4

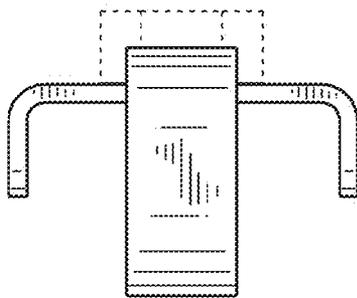


FIG. 5

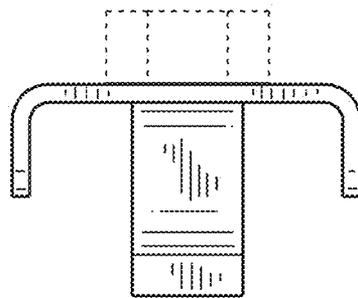


FIG. 6

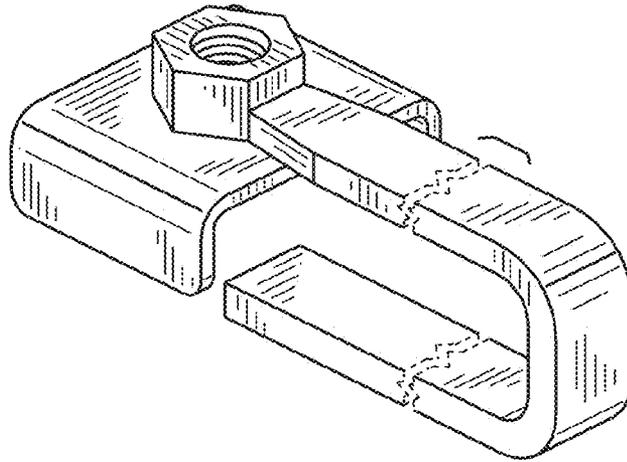


FIG. 7

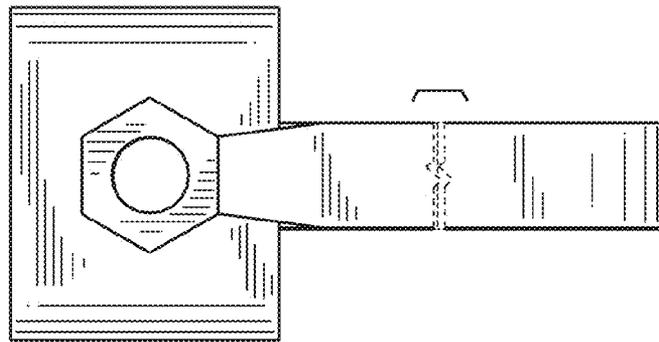


FIG. 8

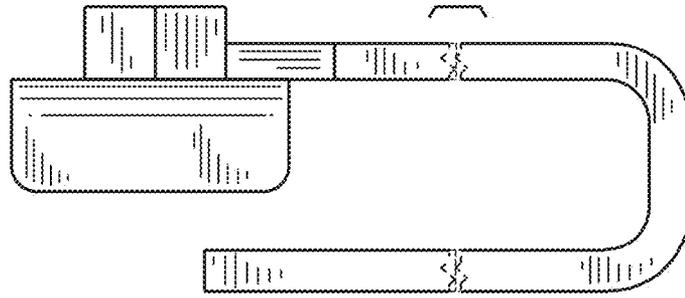


FIG. 9

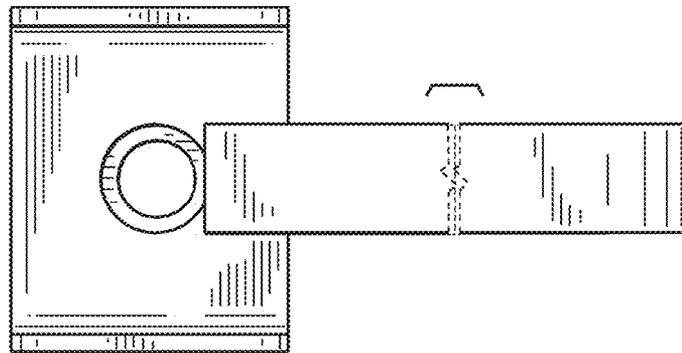


FIG. 10

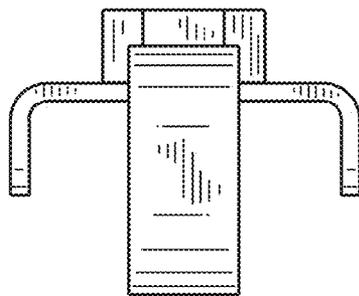


FIG. 11

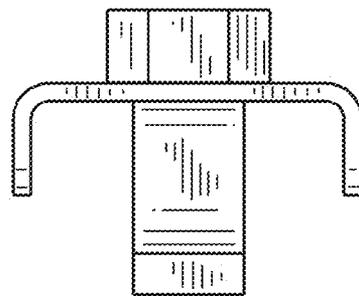


FIG. 12

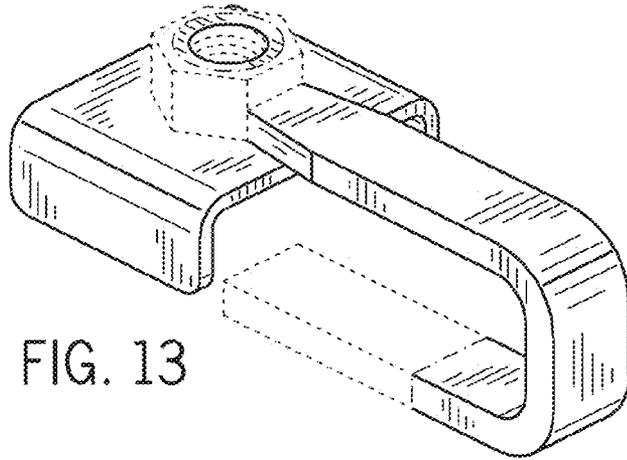


FIG. 13

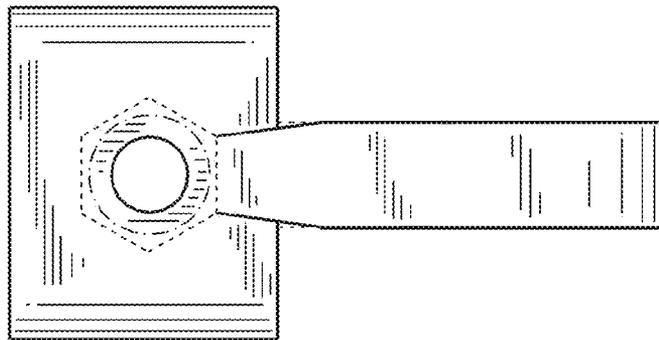


FIG. 14

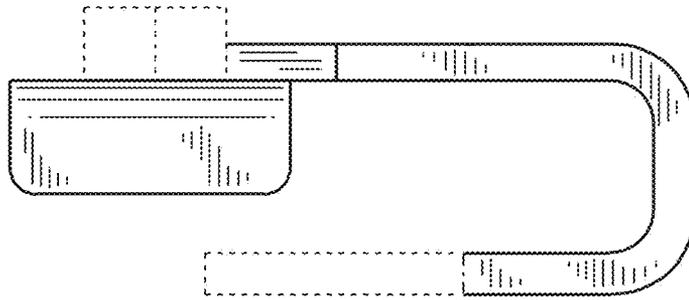


FIG. 15

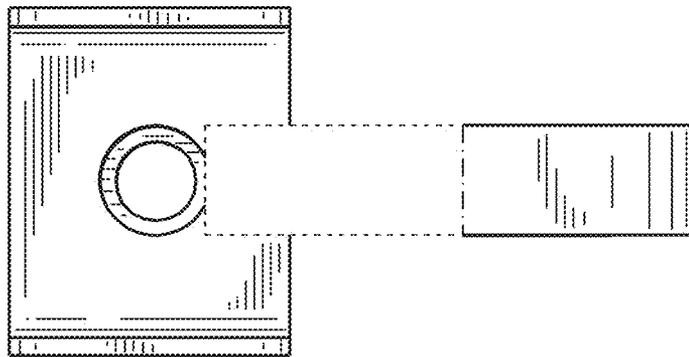


FIG. 16

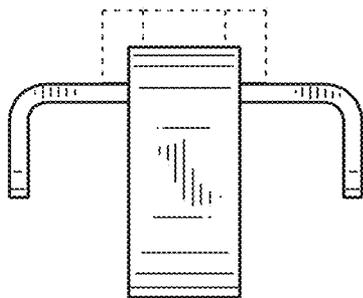


FIG. 17

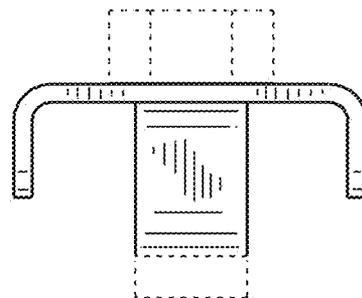


FIG. 18

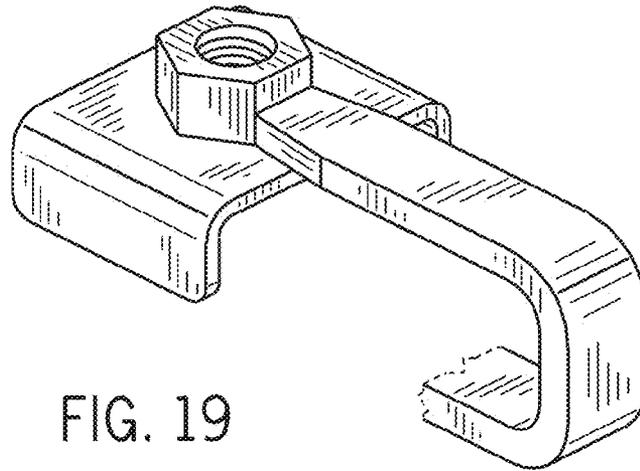


FIG. 19

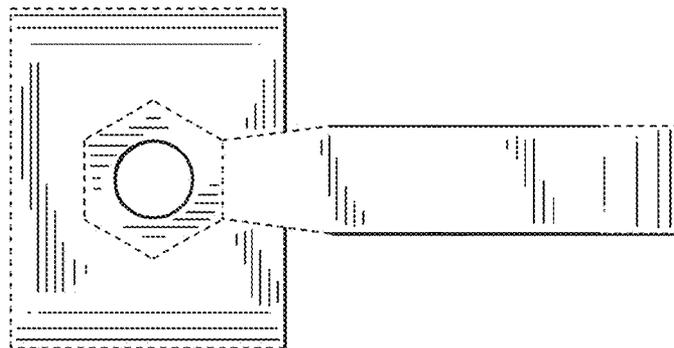


FIG. 20

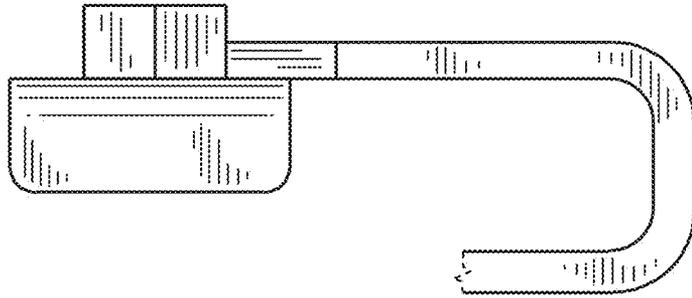


FIG. 21

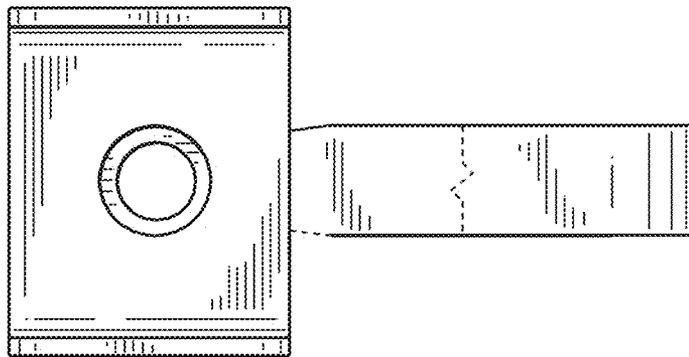


FIG. 22

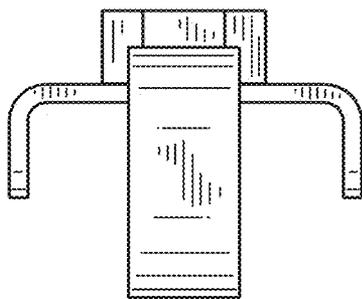


FIG. 23

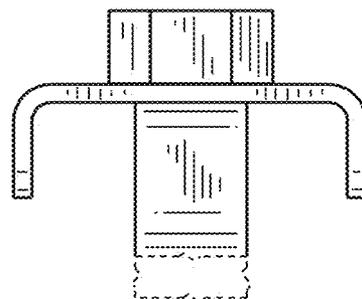


FIG. 24