



US00D675734S

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

(10) **Patent No.:** **US D675,734 S**
(45) **Date of Patent:** **** Feb. 5, 2013**

(54) **STAPLE INSERTION DEVICE**

(75) Inventors: **Daniel F. Cheney**, San Antonio, TX (US); **Adam T. Knight**, San Antonio, TX (US); **Eric A. Marcano**, San Antonio, TX (US); **David J. Pancratz**, Helotes, TX (US)

(73) Assignee: **BioMedical Enterprises, Inc.**, San Antonio, TX (US)

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

(21) Appl. No.: **29/374,316**

(22) Filed: **Jul. 27, 2011**

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/145**

(58) **Field of Classification Search** D24/133,
D24/145; D8/390; 227/175.1, 175.3, 107,
227/110, 124, 902; 606/60, 75, 86 R, 139,
606/148, 213, 219

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,209,754	A *	10/1965	Brown	.....	D24/145
4,402,445	A *	9/1983	Green	.....	D24/145
4,836,205	A *	6/1989	Barrett	.....	D24/145
5,346,115	A *	9/1994	Perouse et al.	.....	227/179.1
6,436,110	B2 *	8/2002	Bowman et al.	.....	606/75
7,111,768	B2 *	9/2006	Cummins et al.	.....	227/175.1
7,846,164	B2 *	12/2010	Castillo et al.	.....	606/86 R
2005/0096660	A1	5/2005	Allen		
2010/0063506	A1 *	3/2010	Fox et al.	.....	606/75
2010/0237128	A1	9/2010	Miller et al.		

FOREIGN PATENT DOCUMENTS

EP	0826340	3/1998
EP	1870042	12/2007
FR	2716105	8/1995
FR	2758252	7/1998
WO	WO 2008129061	10/2008

OTHER PUBLICATIONS

BME Speed. [Retrieved on Aug. 14, 2012]. Retrieved from the Internet: <URL: <http://footandanklefixation.blogspot.com/2011/11/new-product-bme-speed.html>>.*

* cited by examiner

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Christopher L. Makay

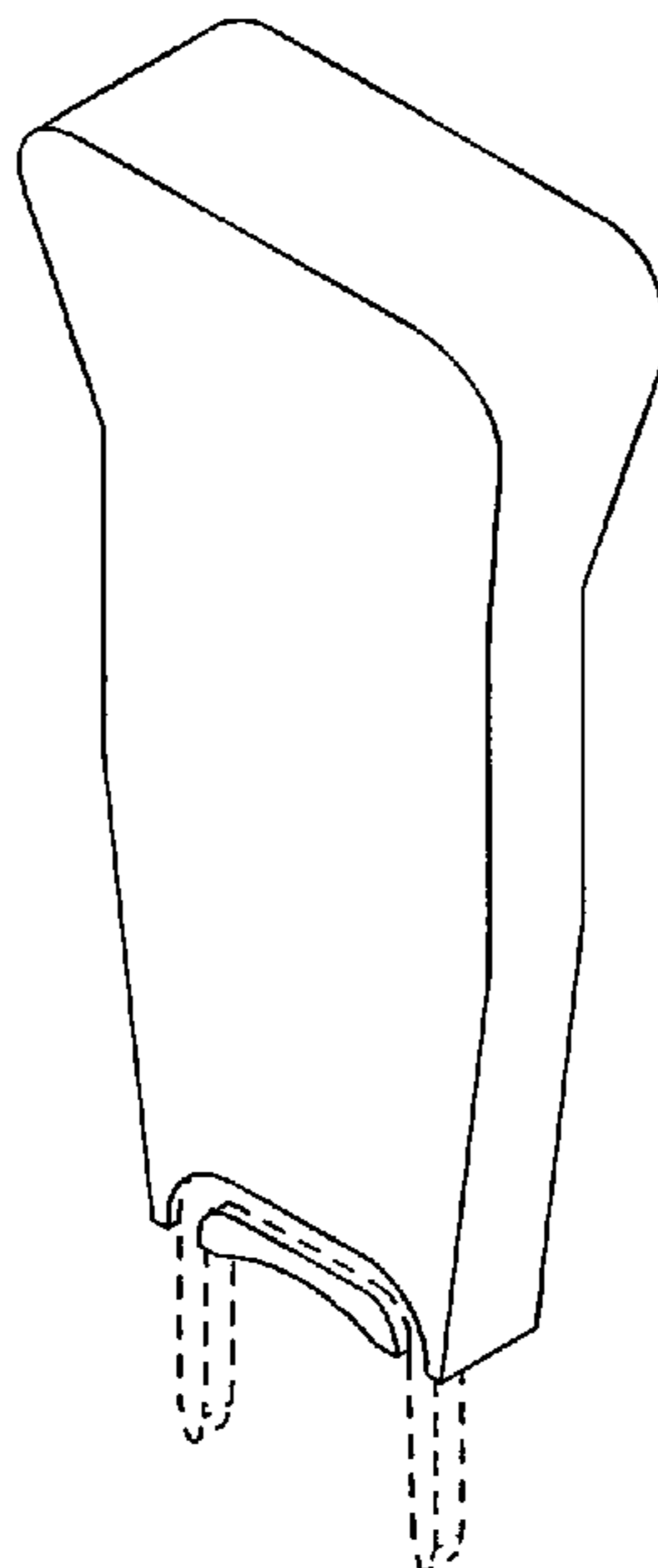
(57) **CLAIM**

The ornamental design for a staple insertion device, as shown and described.

DESCRIPTION

FIG. 1 is a front plan view of the staple insertion device according to our new design;
FIG. 2 is a rear plan view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a perspective view thereof; and,
FIG. 8 is a perspective view thereof illustrating use with a medical staple.
The broken lines shown in FIG. 8 represent a medical staple within the staple insertion device that forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



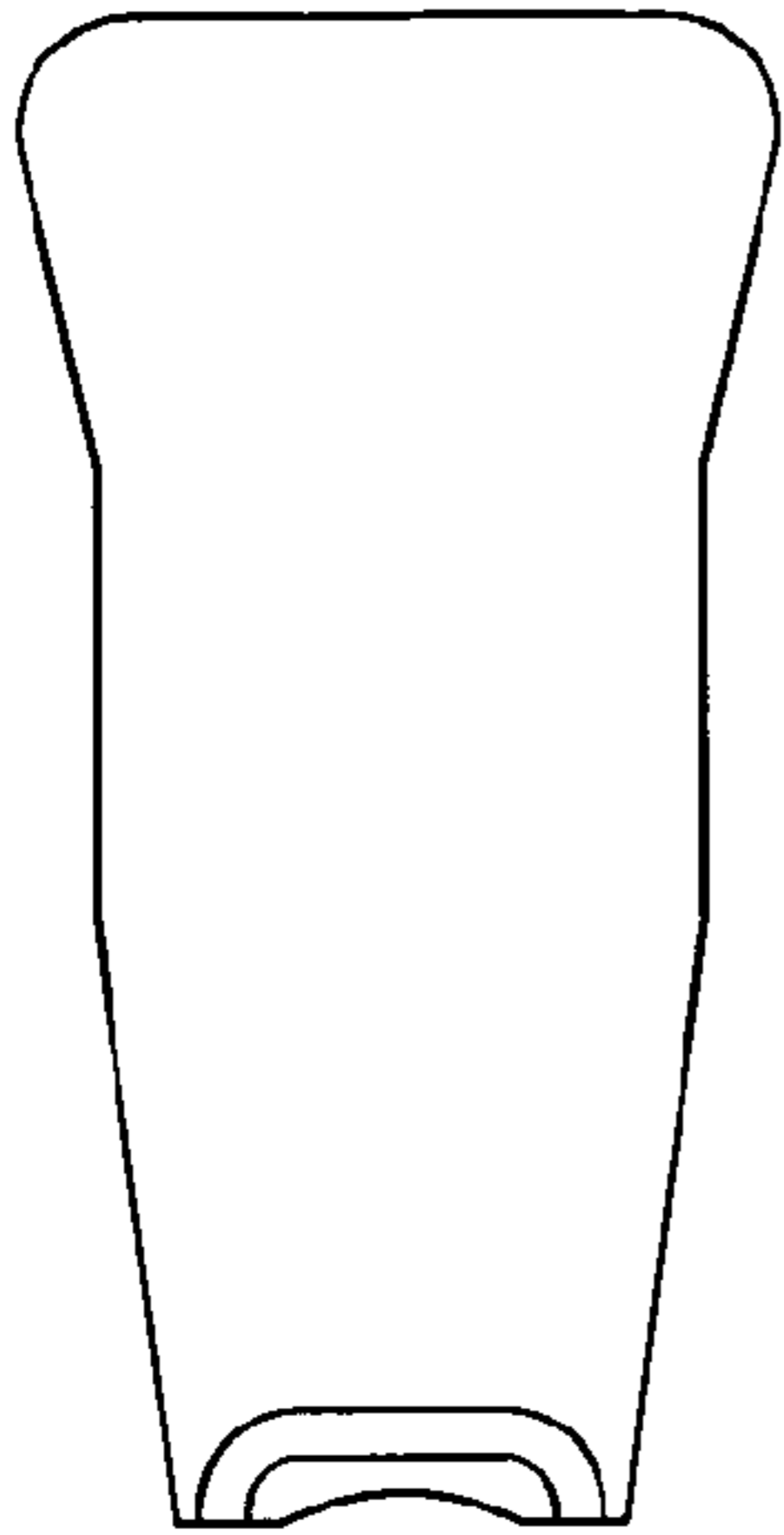


FIG. 1

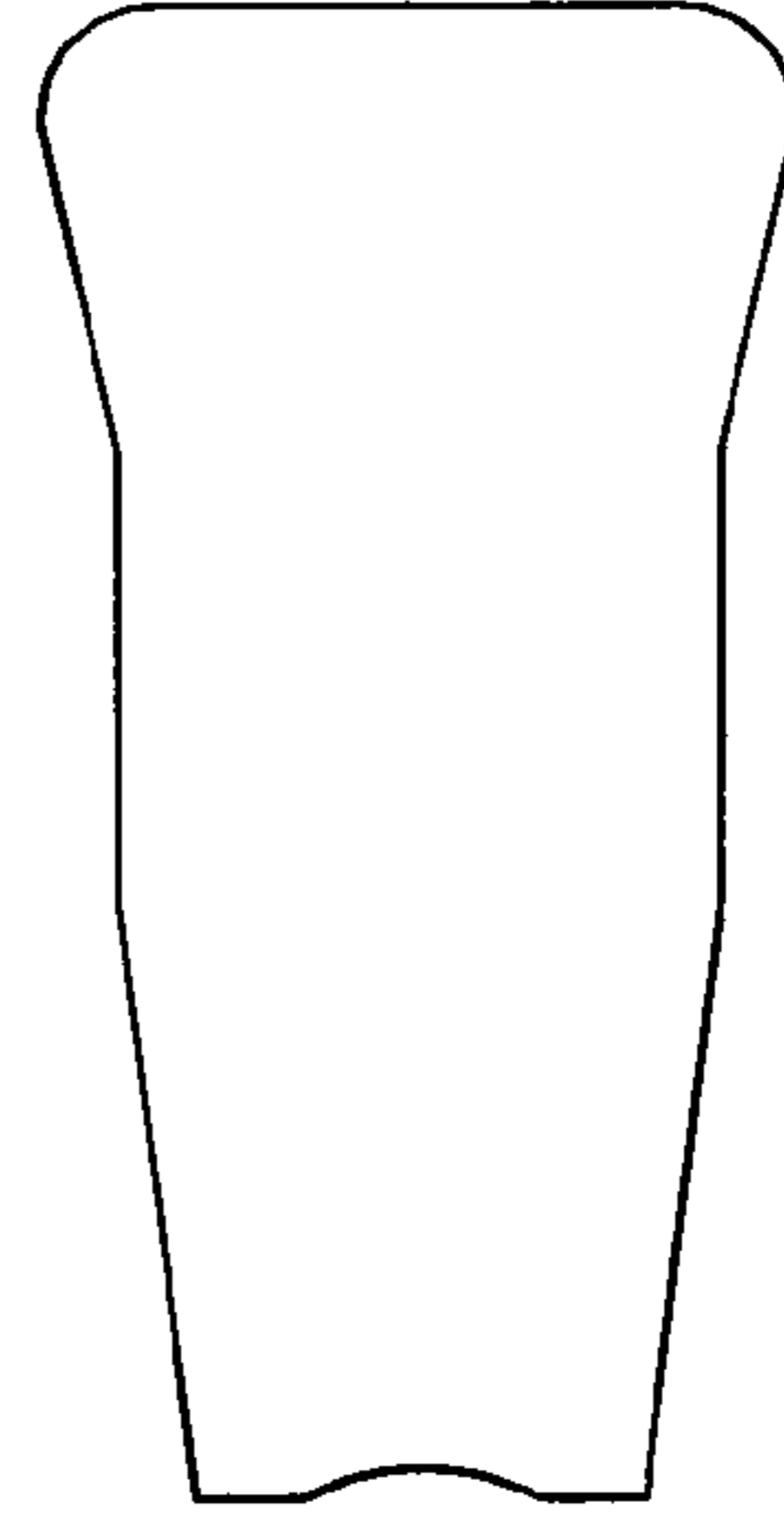


FIG. 2

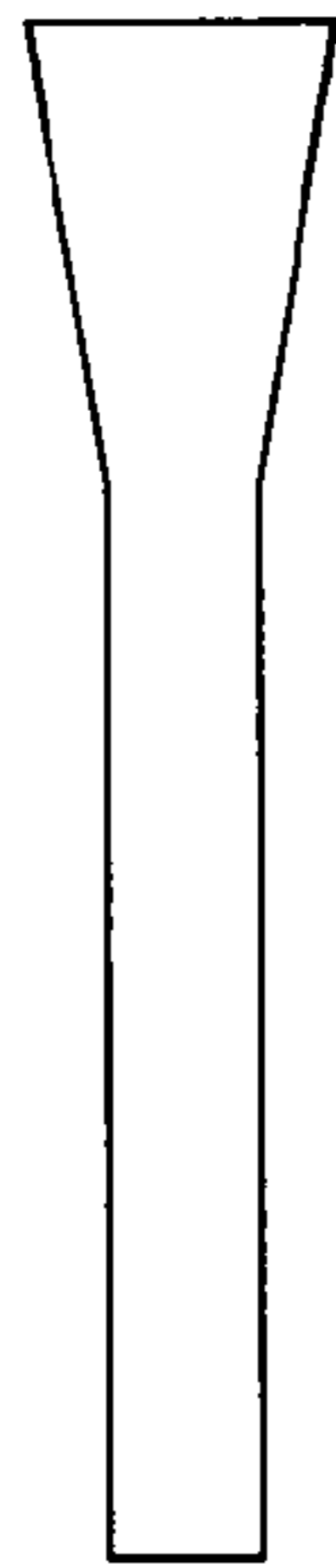


FIG. 3

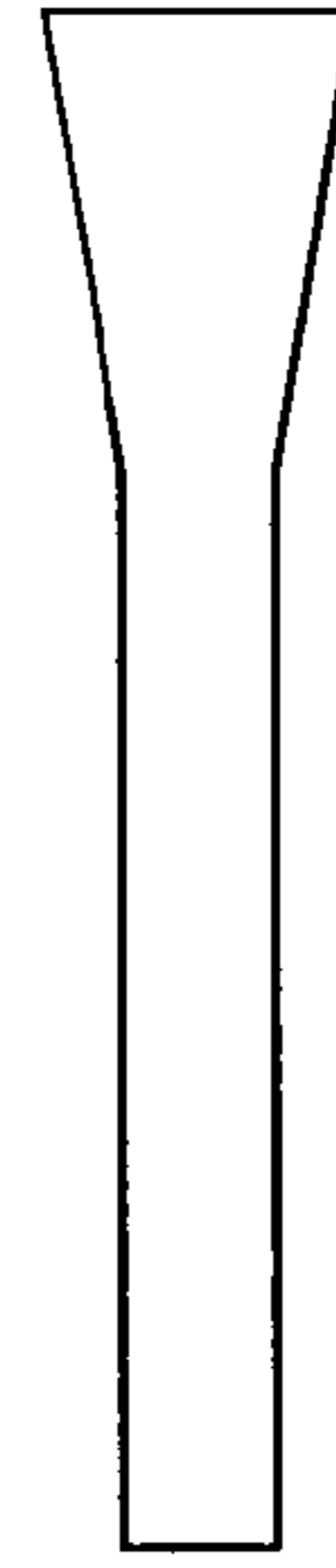


FIG. 4



FIG. 5

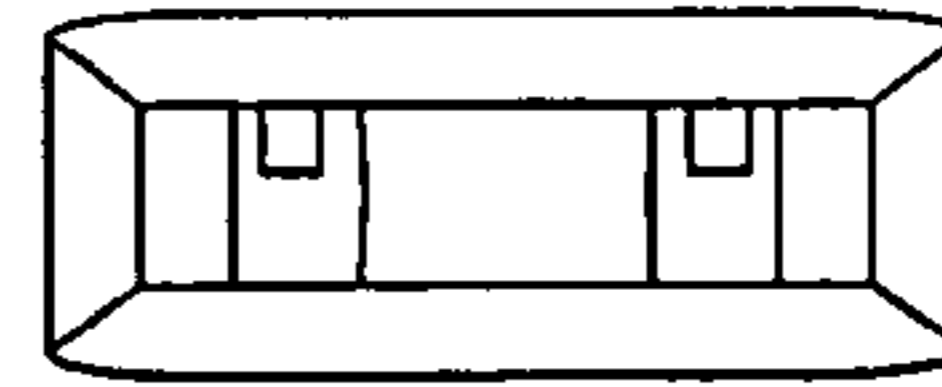


FIG. 6

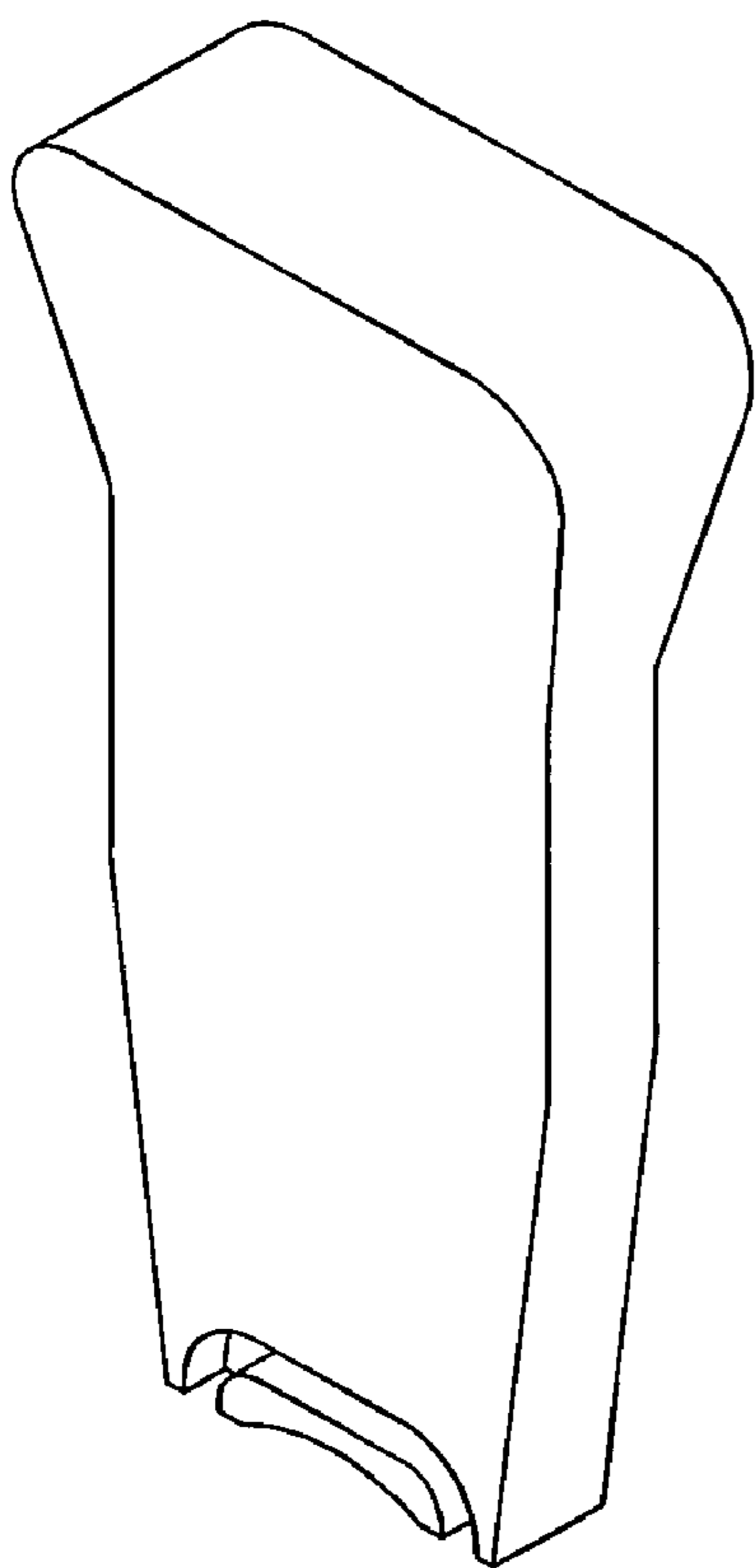


FIG. 7

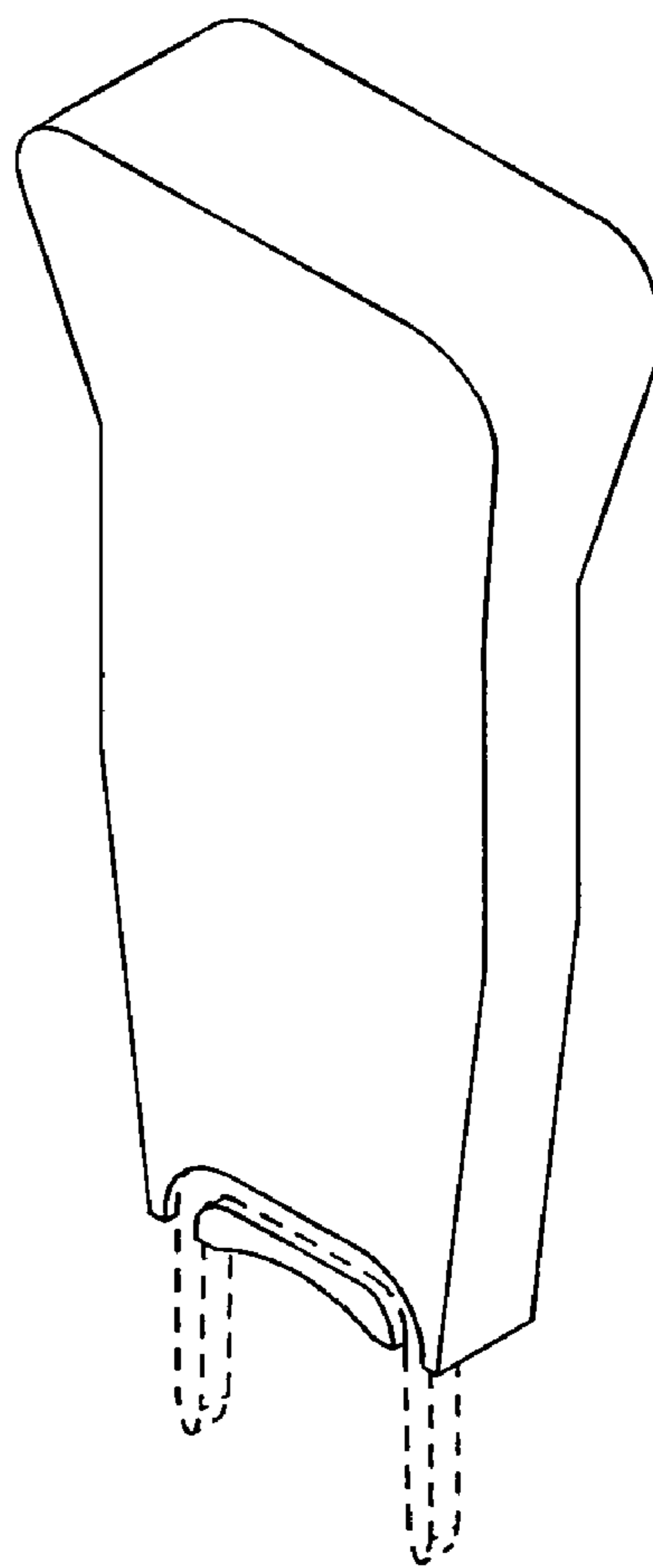


FIG. 8