

US00D757656S

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

(10) **Patent No.:** **US D757,656 S**
(45) **Date of Patent:** **** May 31, 2016**

- (54) **ELECTRICAL BUS BAR**
- (71) Applicants: **Norman R. Byrne**, Ada, MI (US);
Robert L. Knapp, Rockford, MI (US);
Steven K. Meek, Grand Rapids, MI (US);
Matthew R. Andree, Rockford, MI (US)
- (72) Inventors: **Norman R. Byrne**, Ada, MI (US);
Robert L. Knapp, Rockford, MI (US);
Steven K. Meek, Grand Rapids, MI (US);
Matthew R. Andree, Rockford, MI (US)

D516,522 S	3/2006	Kondas	
D516,523 S	3/2006	Kondas	
7,008,249 B2	3/2006	McCoy et al.	
D519,941 S	5/2006	Kondas	
D553,573 S	10/2007	Kondas	
D554,066 S	10/2007	Kondas	
D554,589 S	11/2007	Kondas	
D560,615 S	1/2008	Kondas	
D576,558 S *	9/2008	Chiang	D13/154
7,488,204 B2	2/2009	Hsu	
D588,544 S	3/2009	Knepper	
7,614,921 B2	11/2009	Sikora	
D607,833 S *	1/2010	Yang	D13/154
7,641,510 B2	1/2010	Byrne	

(Continued)

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

FOREIGN PATENT DOCUMENTS

- (21) Appl. No.: **29/524,545**
- (22) Filed: **Apr. 21, 2015**
- (51) **LOC (10) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/154**
- (58) **Field of Classification Search**
USPC D13/133, 154, 184, 199
See application file for complete search history.

JP 5-176433 7/1993

Primary Examiner — Daniel Bui

(74) *Attorney, Agent, or Firm* — Garner, Linn, Burkhardt & Flory, LLP

(57) **CLAIM**

The ornamental design for an electrical bus bar, as shown and described.

(56) **References Cited**

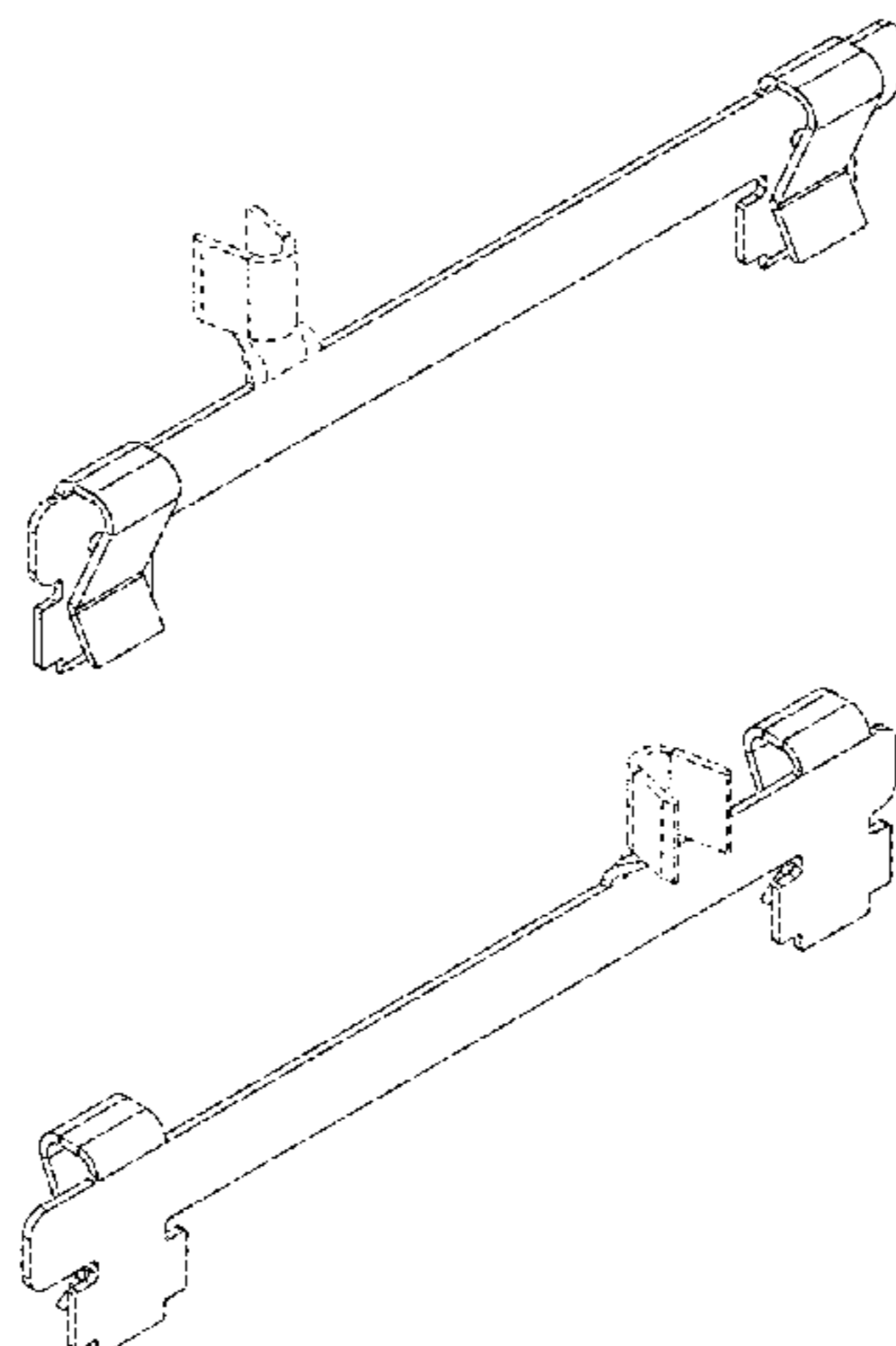
DESCRIPTION

U.S. PATENT DOCUMENTS

3,226,678 A	12/1965	Dekko et al.	
4,313,646 A	2/1982	Millhimes et al.	
D313,392 S *	1/1991	Sachs	D13/133
5,096,431 A	3/1992	Byrne	
5,104,332 A	4/1992	McCoy	
D336,284 S *	6/1993	Pruett	D13/154
5,434,749 A	7/1995	Nakayama	
5,503,565 A	4/1996	McCoy	
5,584,714 A	12/1996	Karst et al.	
5,670,743 A	9/1997	Welch et al.	
5,713,757 A	2/1998	Karst et al.	
5,915,984 A	6/1999	Rupert et al.	
6,247,961 B1	6/2001	McCoy	
6,488,540 B2	12/2002	Coyle, Jr. et al.	
D478,315 S	8/2003	Kondas	
D478,316 S	8/2003	Kondas	
6,652,303 B2	11/2003	Stockel et al.	
D486,790 S	2/2004	Kondas	

FIG. 1 is a bottom perspective view of an electrical bus bar showing our new design;
 FIG. 2 is a top perspective view thereof;
 FIG. 3 is a top plan view thereof;
 FIG. 4 is a bottom plan view thereof;
 FIG. 5 is a front elevation view thereof;
 FIG. 6 is a rear elevation view thereof;
 FIG. 7 is a right side elevation view thereof;
 FIG. 8 is a left side elevation view thereof;
 FIG. 9 is a front perspective view thereof, shown in use condition; and,
 FIG. 10 is another front perspective view thereof, shown in use condition.
 In the drawings, the broken lines depict unclaimed subject matter only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,771,239	B1	8/2010	Hsiao	8,920,201	B2	12/2014	Byrne
8,496,492	B2	7/2013	Byrne	9,048,598	B2	6/2015	Byrne et al.
8,585,419	B2	11/2013	Byrne	9,166,308	B2	10/2015	Byrne
8,616,926	B2	12/2013	Byrne	2004/0238337	A1	12/2004	Kondas et al.
8,736,106	B2	5/2014	Byrne et al.	2008/0032534	A1	2/2008	Laukhuf
D714,227	S *	9/2014	Buck	2008/0280475	A1	11/2008	Byrne
			D13/154	2009/0239402	A1	9/2009	Byrne
				2009/0239403	A1	9/2009	Byrne
				2012/0115343	A1	5/2012	Plattner

* cited by examiner

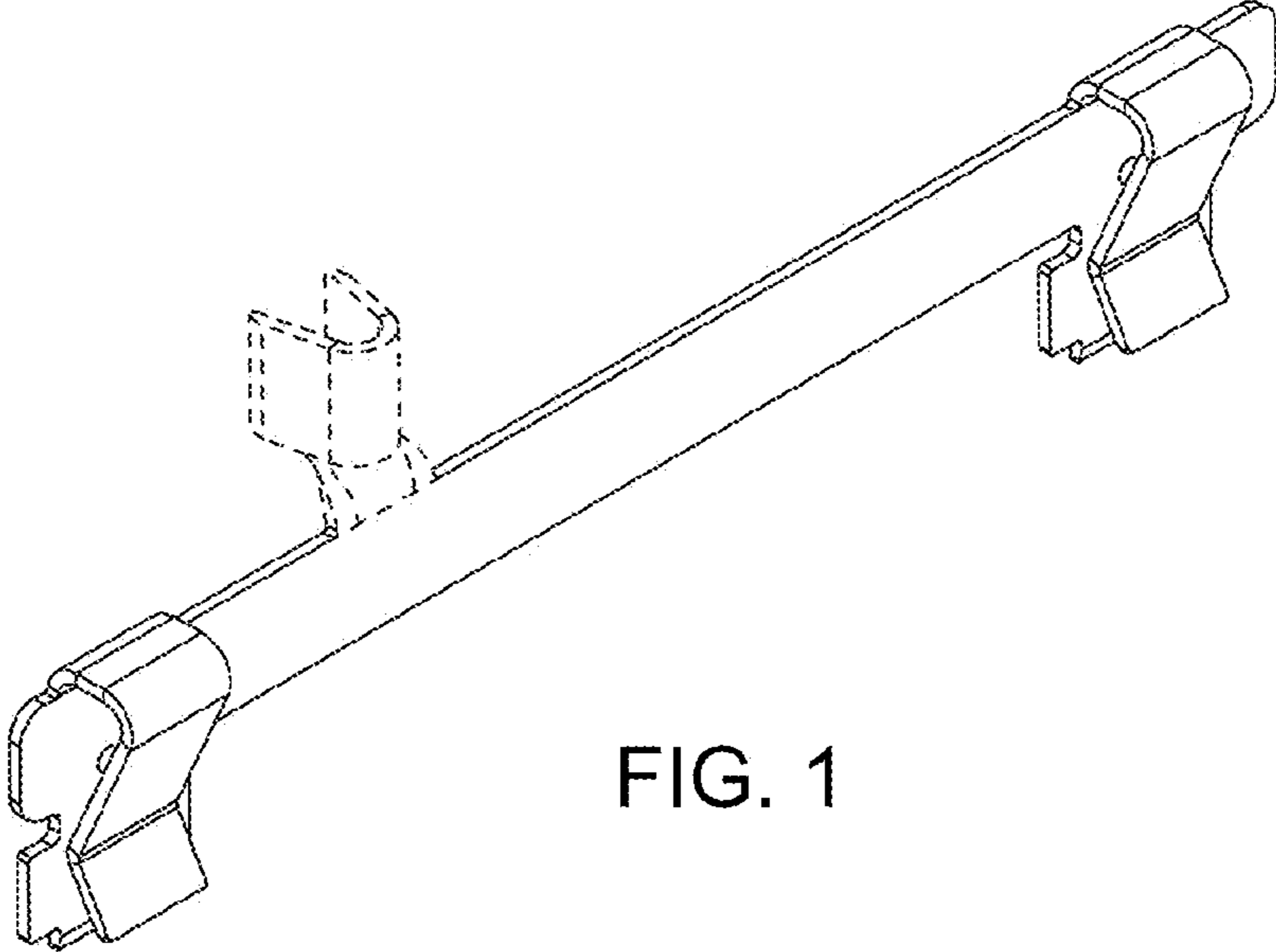


FIG. 1

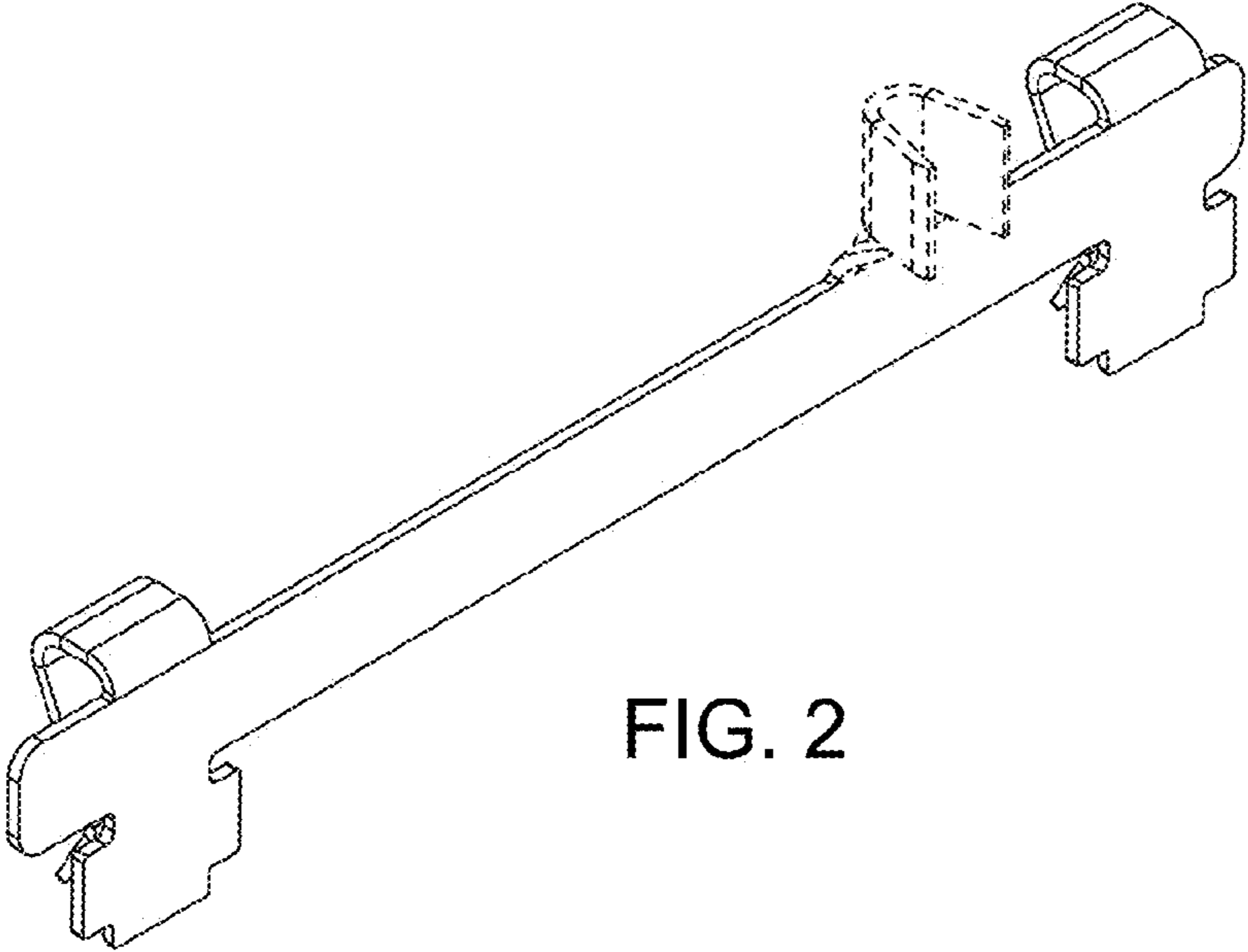


FIG. 2

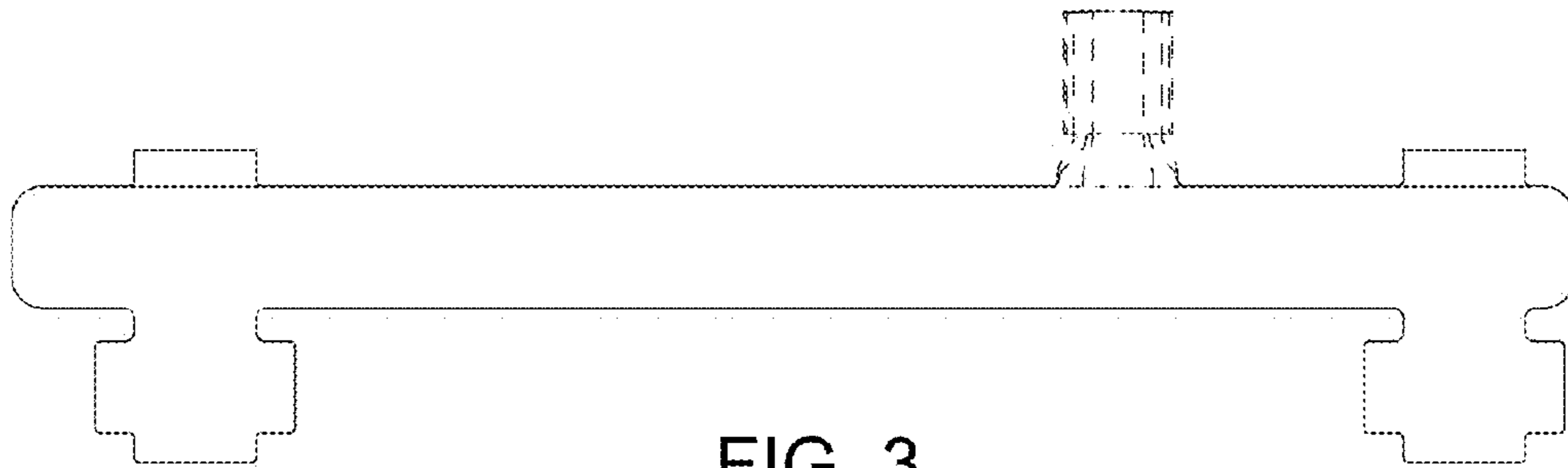


FIG. 3



FIG. 4



FIG. 5

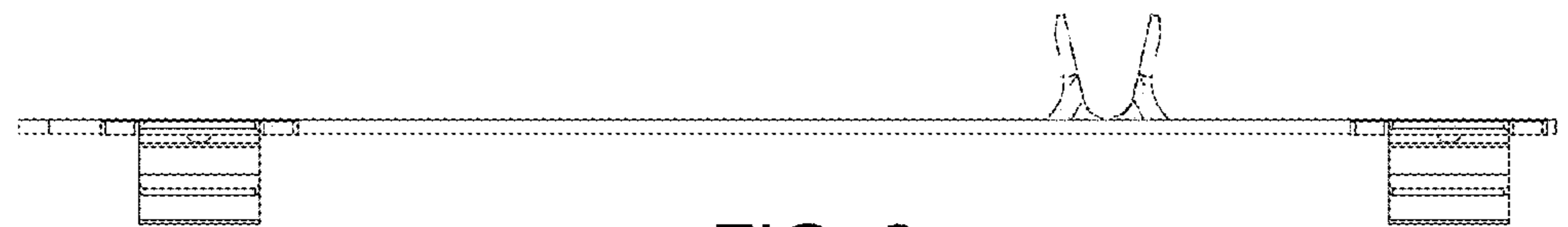


FIG. 6

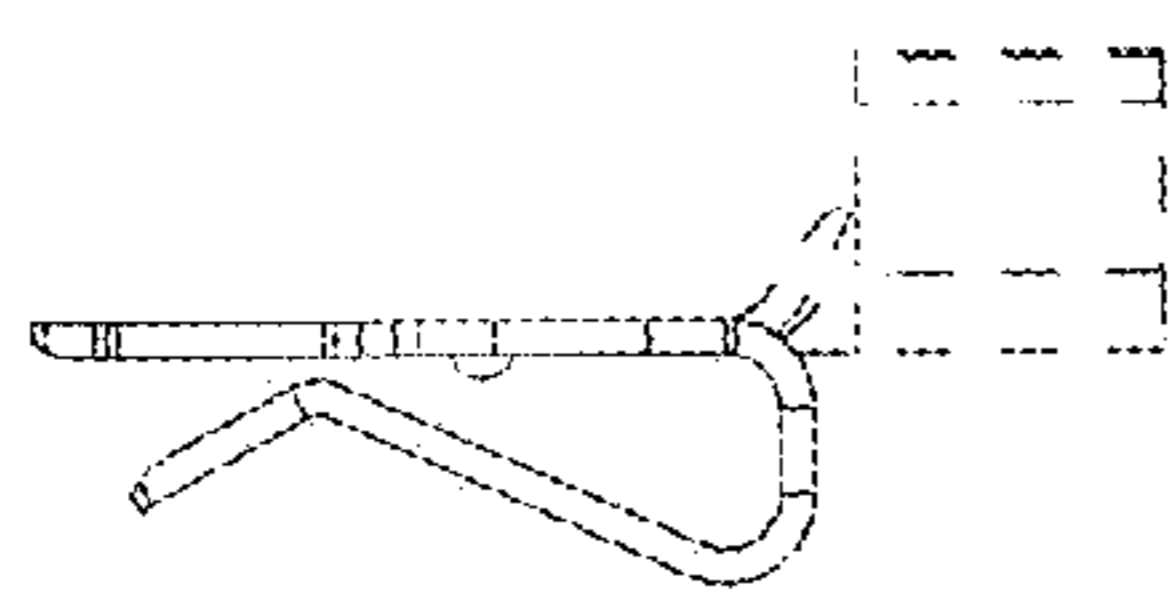


FIG. 7

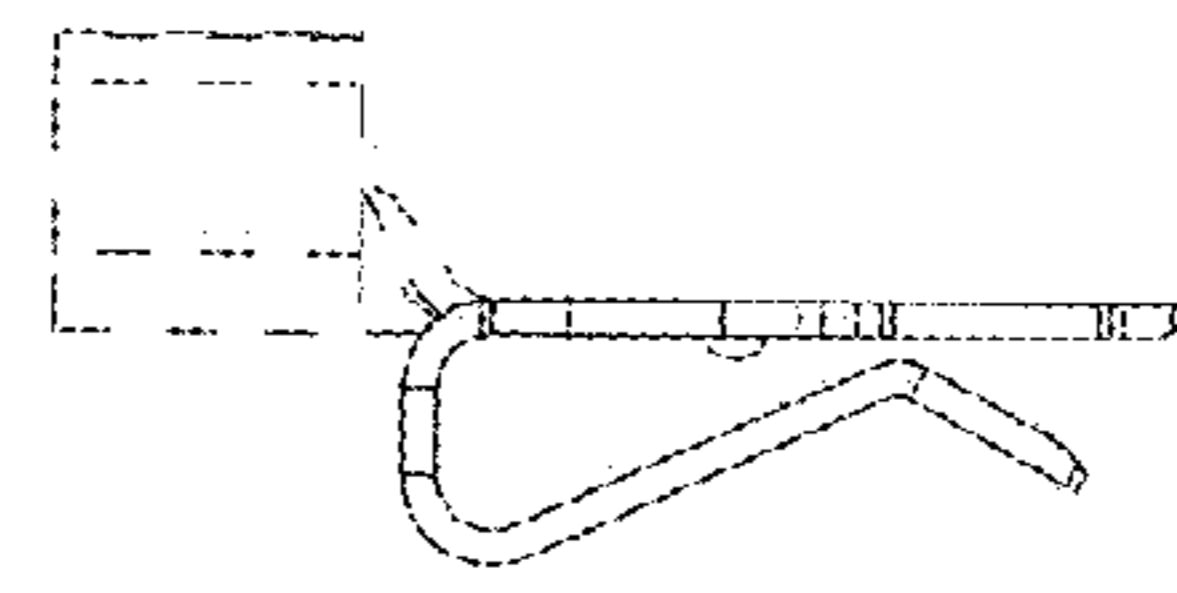


FIG. 8

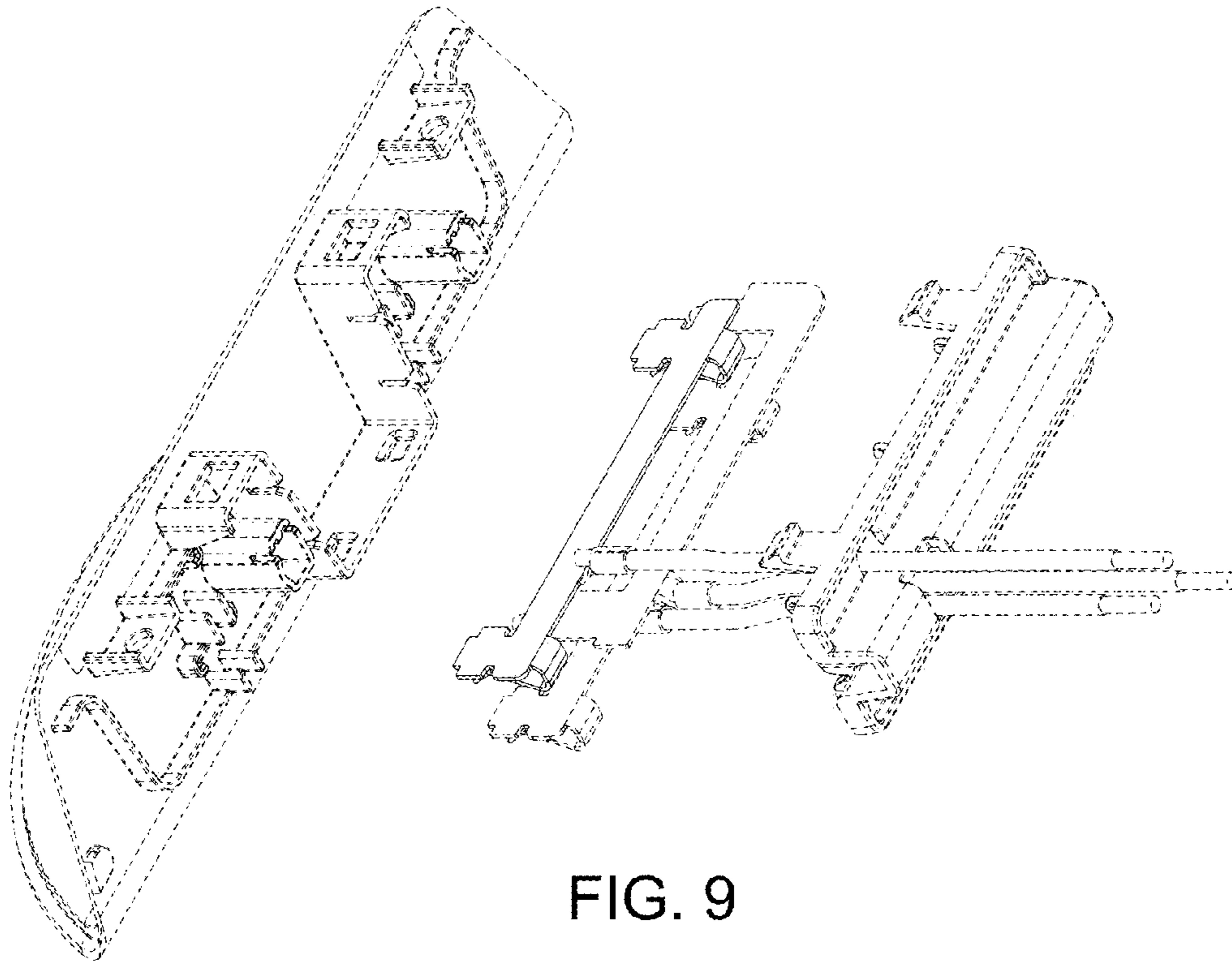


FIG. 9

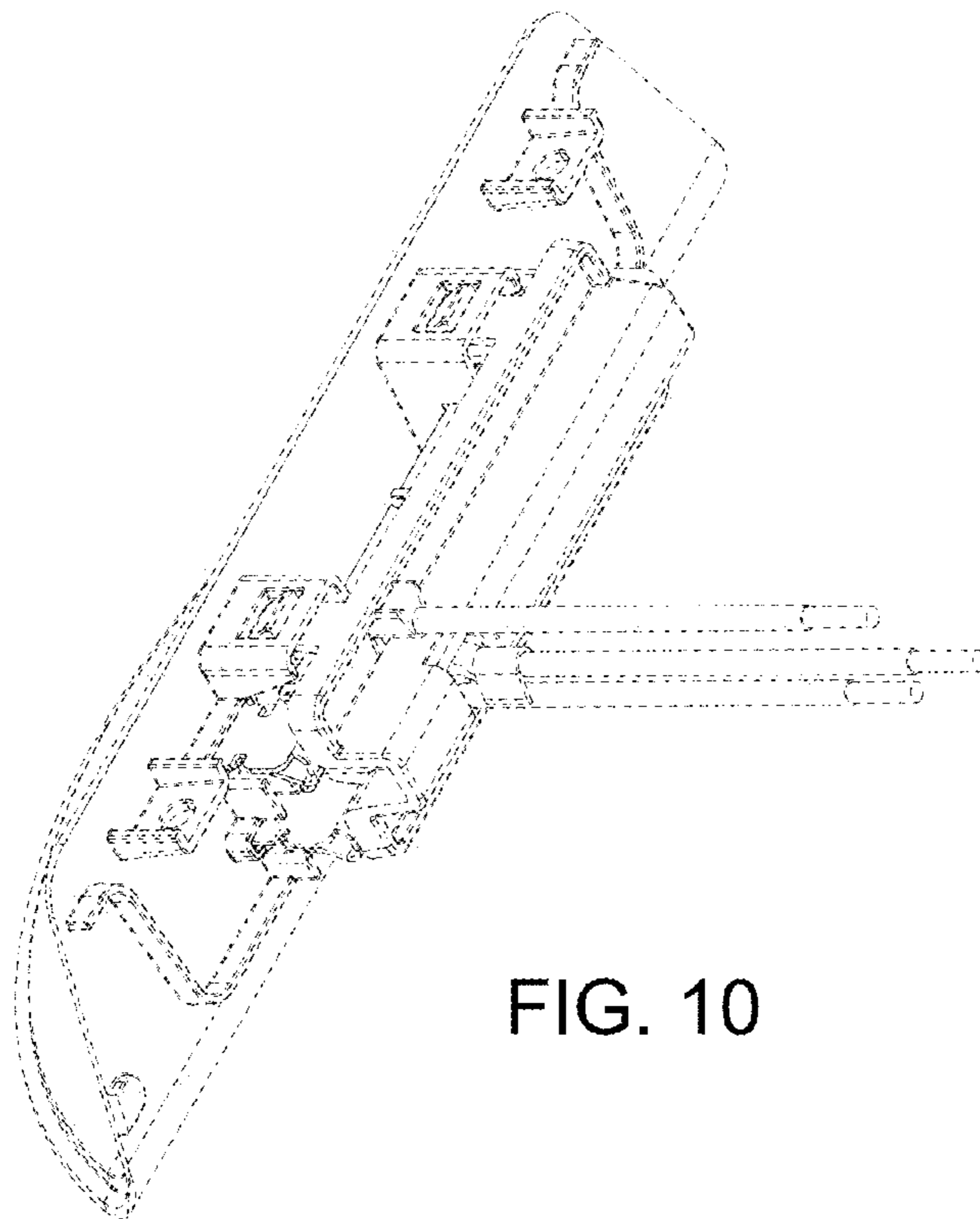


FIG. 10