



US00D592474S

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

(10) **Patent No.:** **US D592,474 S**  
(45) **Date of Patent:** **\*\* May 19, 2009**

(54) **MULTI-FUNCTION PLIERS**

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

(21) Appl. No.: **29/325,141**

(22) Filed: **Sep. 26, 2008**

(51) **LOC (9) Cl.** ..... **08-05**

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

(58) **Field of Classification Search** ..... D8/1,  
D8/4, 5, 14, 51, 52, 54-58, 71-75, 78, 105,  
D8/107; D24/133, 140, 143, 152-154, 216,  
D24/148; 81/300, 302, 318-338, 342, 351,  
81/415-424, 424.5, 426, 426.5, 427, 427.5;  
D19/72

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

432,933	A *	7/1890	Fletcher	81/424
851,794	A *	4/1907	Bernard	81/424
2,541,435	A *	2/1951	Nock	D24/153
2,755,541	A *	7/1956	Kruger	81/426
2,802,383	A *	8/1957	Babyak	D8/54
2,986,870	A *	6/1961	Blais	81/422
3,019,442	A *	2/1962	Hoeckele	D8/52
3,519,188	A *	7/1970	Erhardt, Jr.	81/423
3,826,160	A *	7/1974	Allen et al.	81/418
3,984,041	A *	10/1976	LePage et al.	D8/52

4,189,964	A *	2/1980	Gray	30/241
D312,952	S *	12/1990	Berto	D8/52
5,277,089	A *	1/1994	McGushion	81/418
5,590,573	A *	1/1997	Detable	81/423
5,735,857	A *	4/1998	Lane	81/418
5,884,540	A *	3/1999	Mo	81/423
D436,302	S *	1/2001	Lin	D8/52
6,282,796	B1 *	9/2001	Lin	30/364
6,691,548	B1 *	2/2004	Schnepper	72/409.01
7,431,723	B2 *	10/2008	Hazebrouck	81/300
2008/0173144	A1 *	7/2008	Hiller	81/337

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a multi-function pliers, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a multi-function pliers showing our new design thereof;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

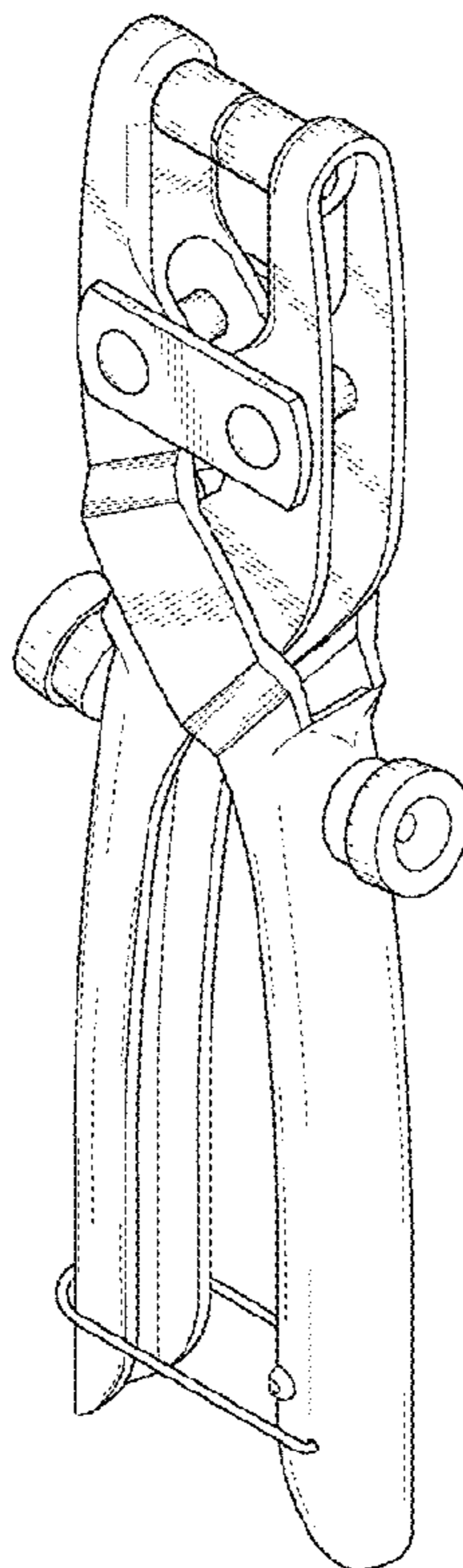
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 5 Drawing Sheets**



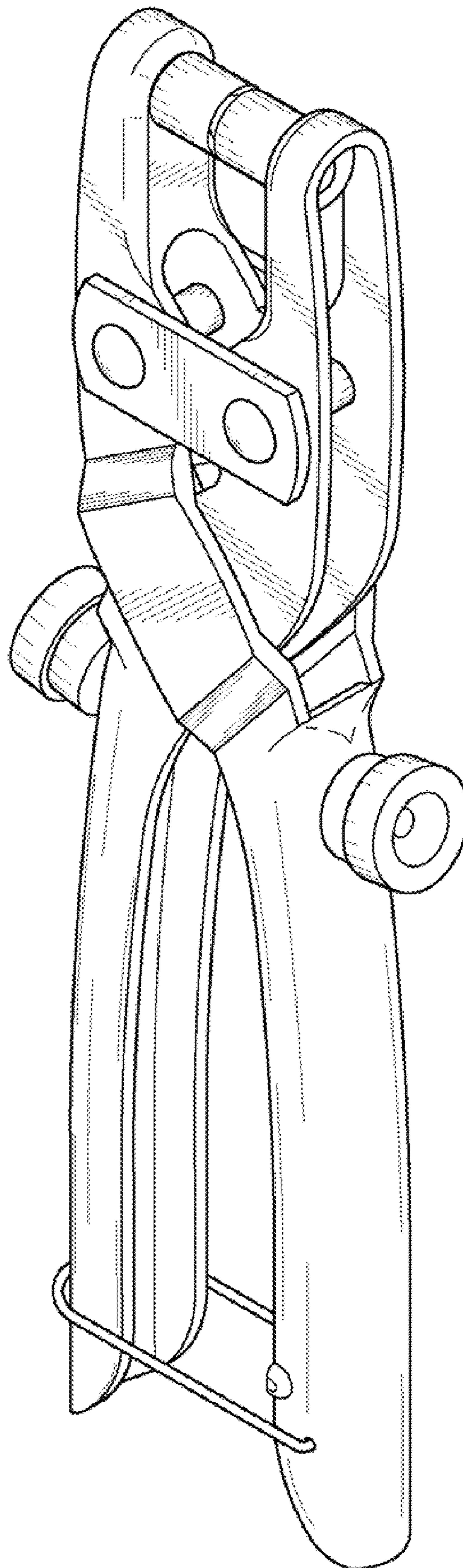


FIG. 1

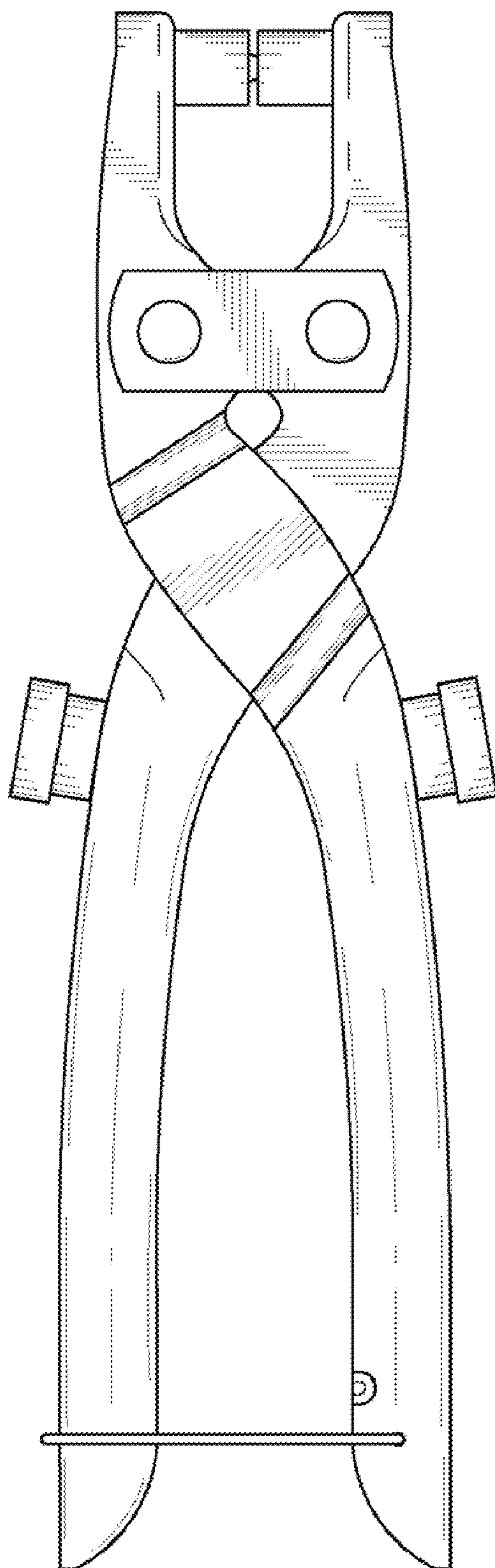


FIG. 2

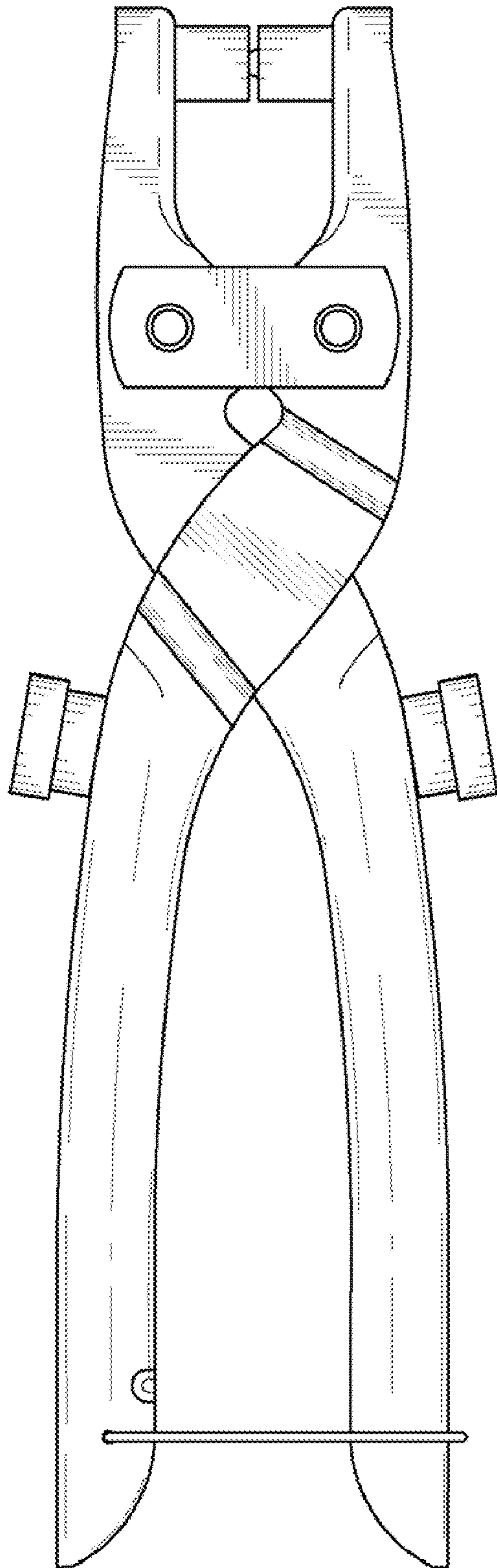


FIG. 3

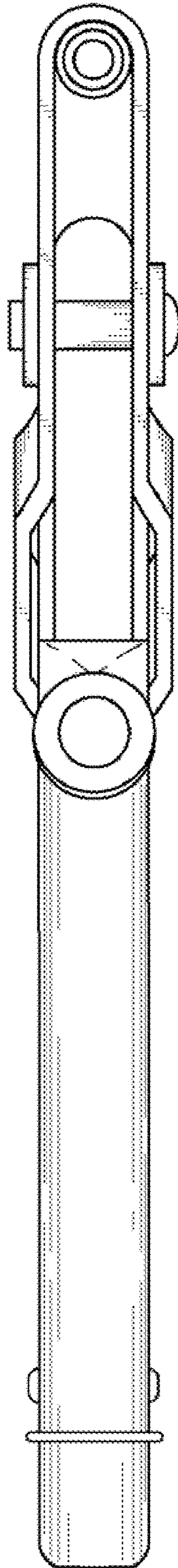


FIG. 4

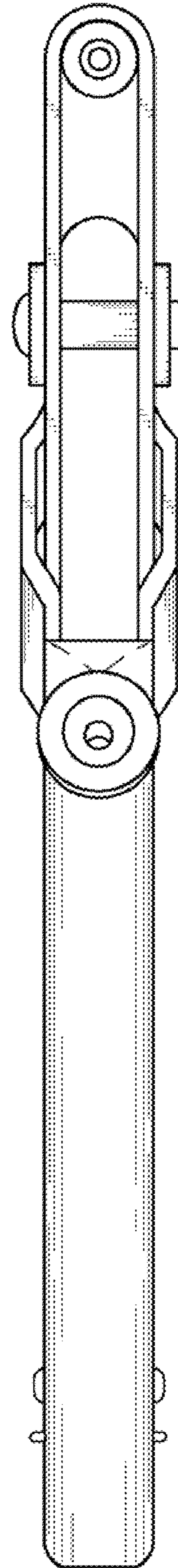


FIG. 5

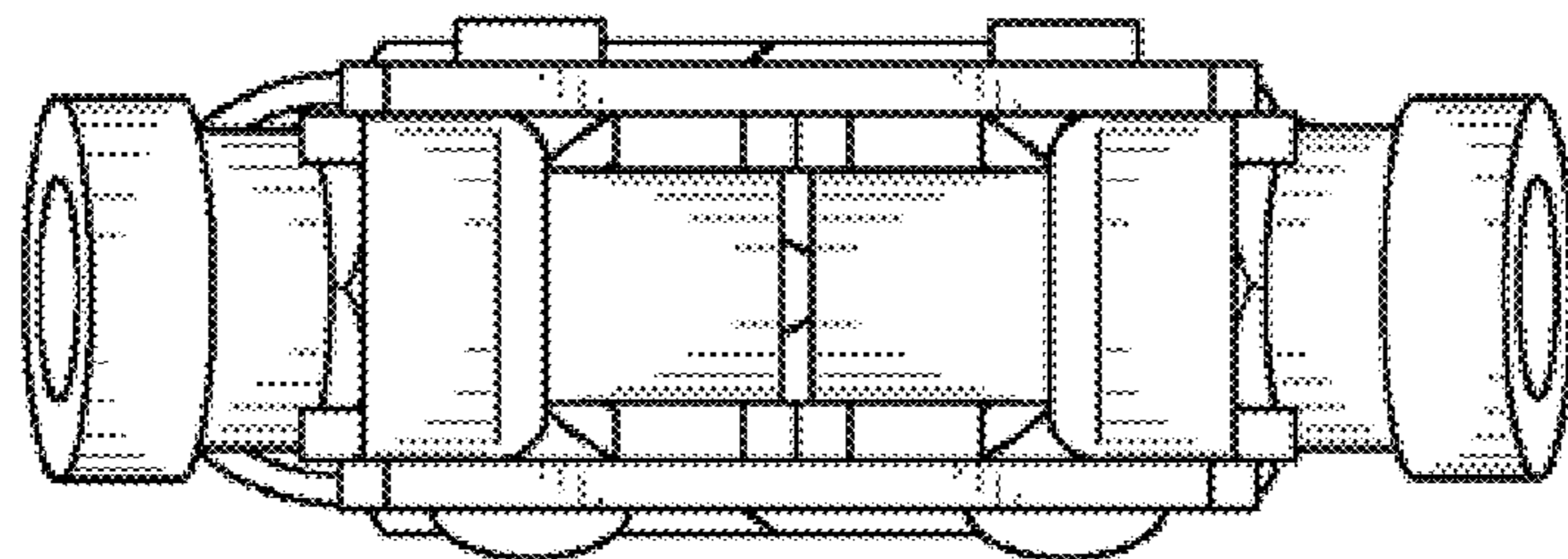


FIG. 6

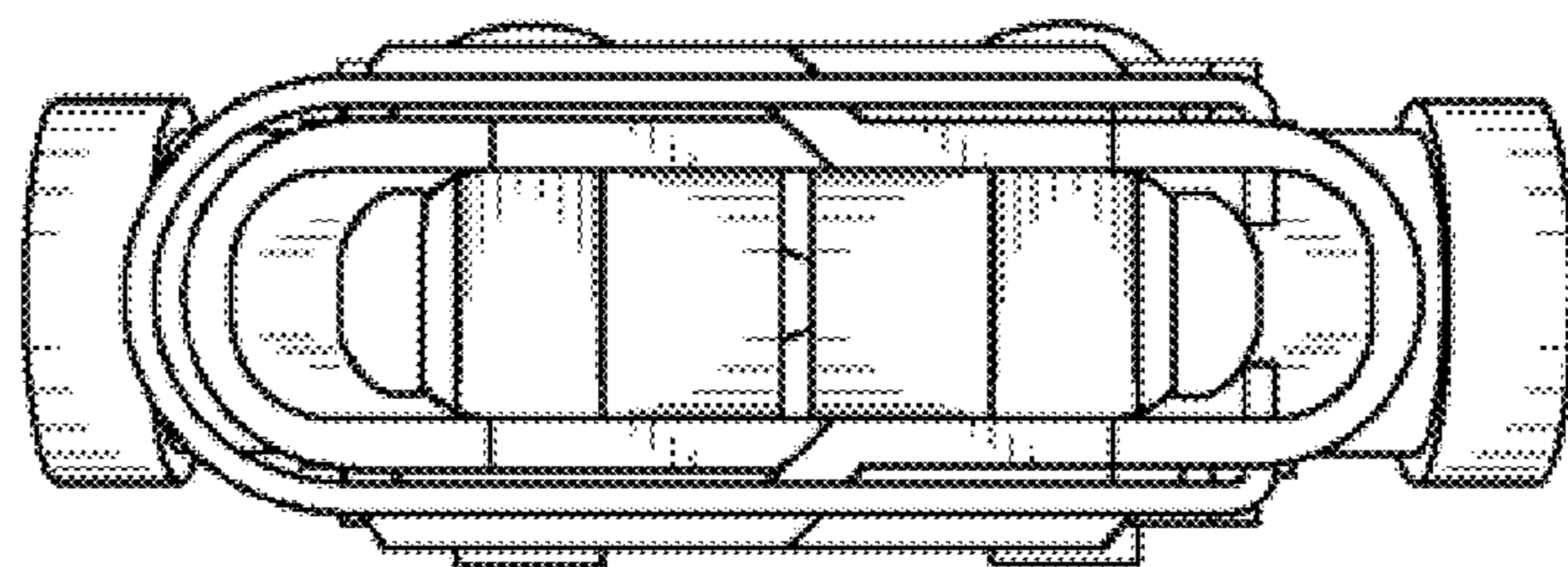


FIG. 7