



US00D515803S

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

(10) **Patent No.:** **US D515,803 S**
(45) **Date of Patent:** **** Feb. 28, 2006**

(54) **STRETCHER STRUCTURE USED IN
MULTIPLE COLLAPSIBLE UMBRELLA**

(76) Inventor: **Ching-Chuan You**, Rm. 532, 5Fl., No.
144, Ming Chuan E. Rd., Sec. 3, P.O.
Box 1-79, Taipei (TW), 105

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

(21) Appl. No.: **29/225,737**

(22) Filed: **Mar. 21, 2005**

(51) **LOC (8) Cl.** **03-03**

(52) **U.S. Cl.** **D3/10**

(58) **Field of Classification Search** 135/15.1,
135/20.1, 19, 21, 44, 20.3, 24, 23, 25.1, 25.3,
135/25.34; 297/184.1, 184.15, 184.16, 184.17;
362/101; D3/5-17

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | | |
|-----------|---|---|---------|------------|-------|----------|
| 5,048,550 | A | * | 9/1991 | Su | ..... | 135/25.3 |
| 5,193,565 | A | * | 3/1993 | Huang | ..... | 135/25.2 |
| 5,235,998 | A | * | 8/1993 | Liu | ..... | 135/25.3 |
| 5,297,572 | A | * | 3/1994 | Kuo | ..... | 135/25.3 |
| 5,337,770 | A | * | 8/1994 | Wang | ..... | 135/25.3 |
| 5,472,006 | A | * | 12/1995 | Kuo et al. | ..... | 135/31 |
| 5,494,065 | A | * | 2/1996 | Kuo et al. | ..... | 135/31 |
| 5,533,535 | A | * | 7/1996 | Lin et al. | ..... | 135/20.1 |
| 5,615,697 | A | * | 4/1997 | Lin et al. | ..... | 135/20.1 |
| 5,645,094 | A | * | 7/1997 | Wu | ..... | 135/24 |

| | | | | | | |
|--------------|----|---|---------|---------------|-------|----------|
| 5,909,746 | A | * | 6/1999 | Doster et al. | ..... | 135/25.1 |
| D424,799 | S | * | 5/2000 | Lai | ..... | D3/5 |
| 6,112,755 | A | * | 9/2000 | Lin et al. | ..... | 135/24 |
| 6,338,353 | B1 | * | 1/2002 | Chen | ..... | 135/20.3 |
| 6,626,199 | B1 | * | 9/2003 | Lin et al. | ..... | 135/28 |
| D484,680 | S | * | 1/2004 | You | ..... | D3/10 |
| D489,169 | S | * | 5/2004 | You | ..... | D3/10 |
| D489,170 | S | * | 5/2004 | You | ..... | D3/10 |
| 6,752,509 | B1 | * | 6/2004 | Lin et al. | ..... | 362/102 |
| 2002/0153032 | A1 | * | 10/2002 | Lin et al. | ..... | 135/15.1 |
| 2003/0102020 | A1 | * | 6/2003 | Lin et al. | ..... | 135/15.1 |
| 2005/0013130 | A1 | * | 1/2005 | Li | ..... | 362/102 |
| 2005/0126613 | A1 | * | 6/2005 | Chen | ..... | 135/25.3 |

* cited by examiner

Primary Examiner—Sandra S. Snapp

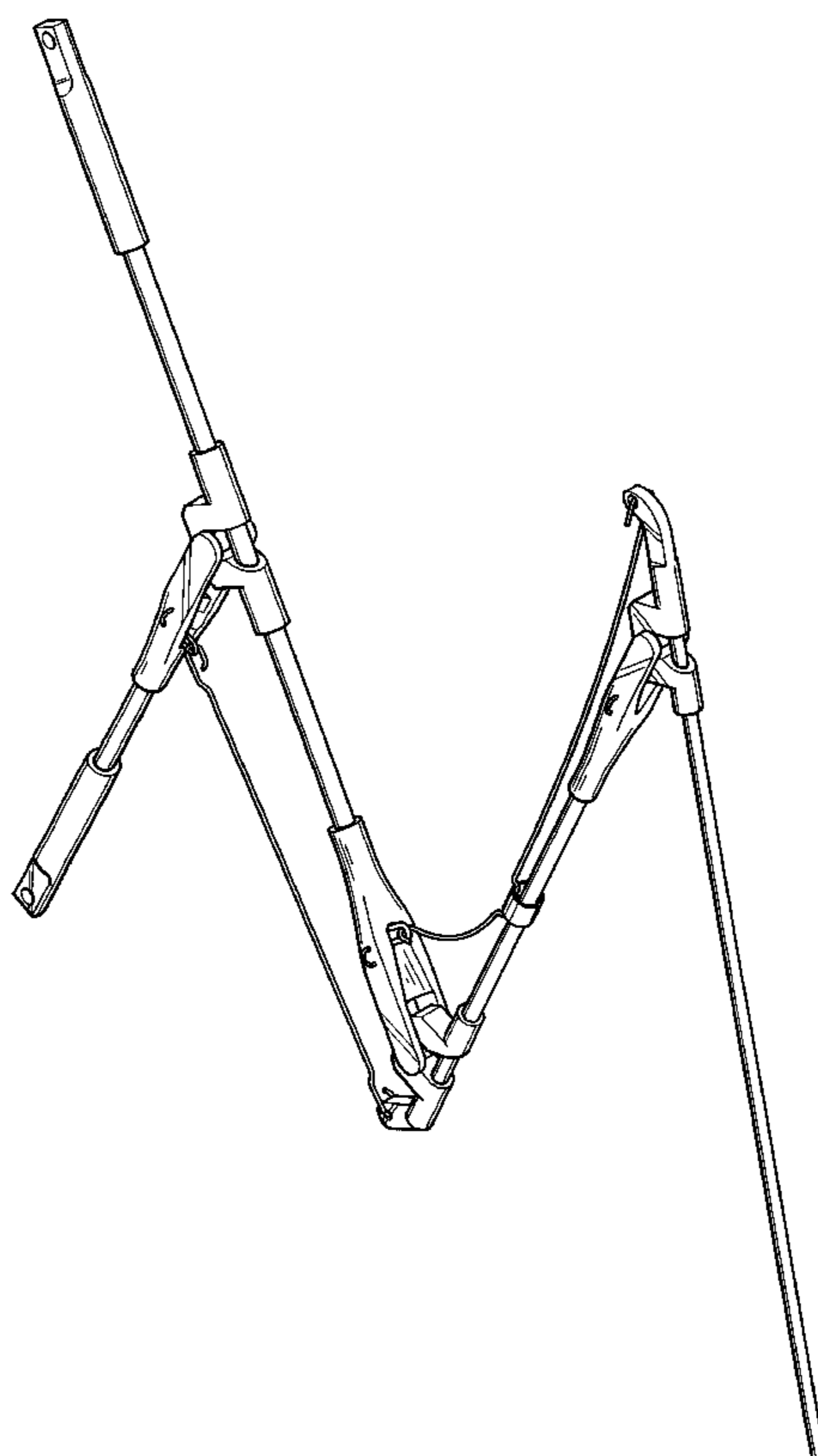
(57) **CLAIM**

The ornamental design for a stretcher structure used in multiple collapsible umbrella, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the stretcher structure used in multiple collapsible umbrella of this invention;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left view thereof;
FIG. 5 is a right view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



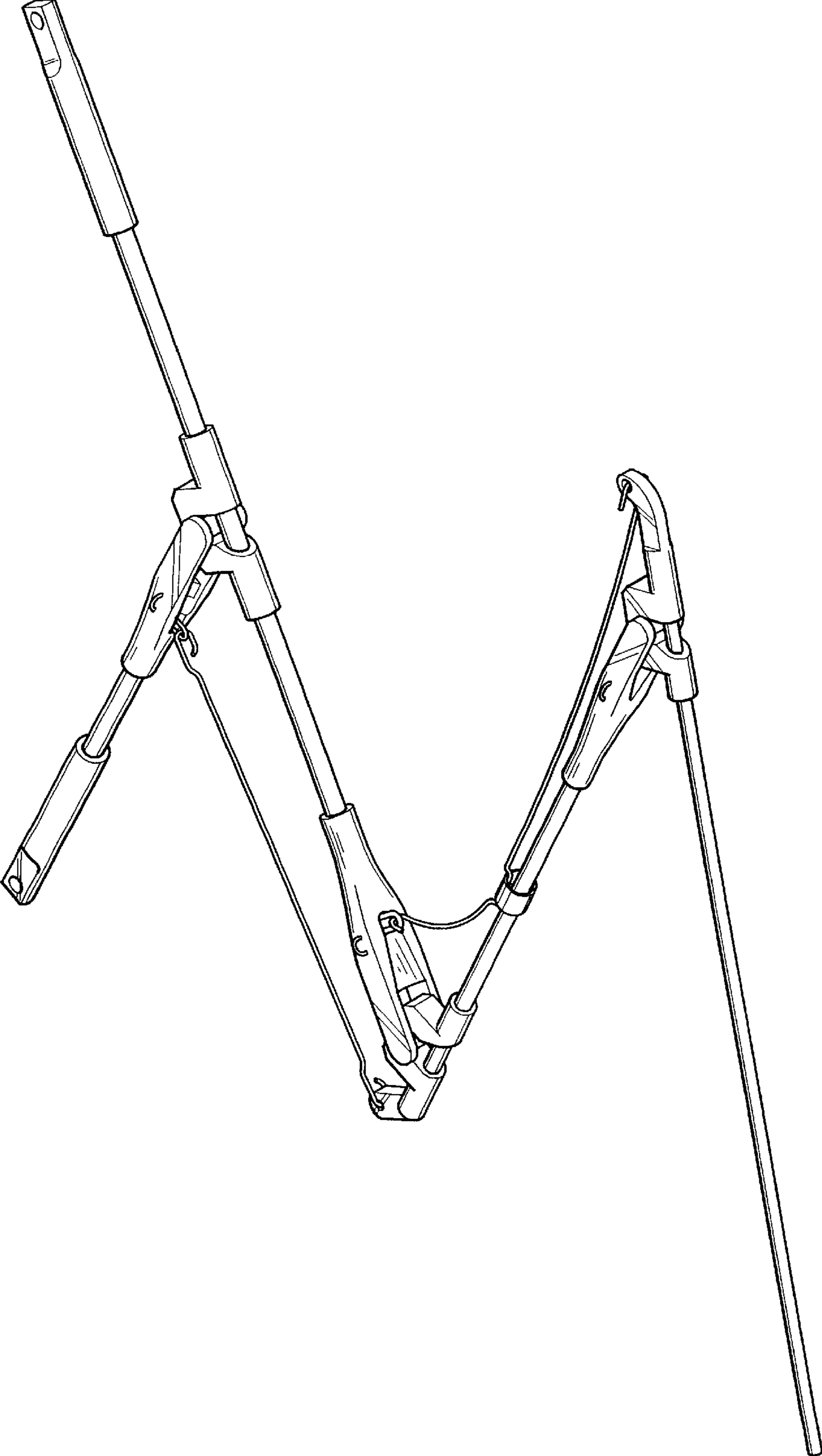


FIG. 1

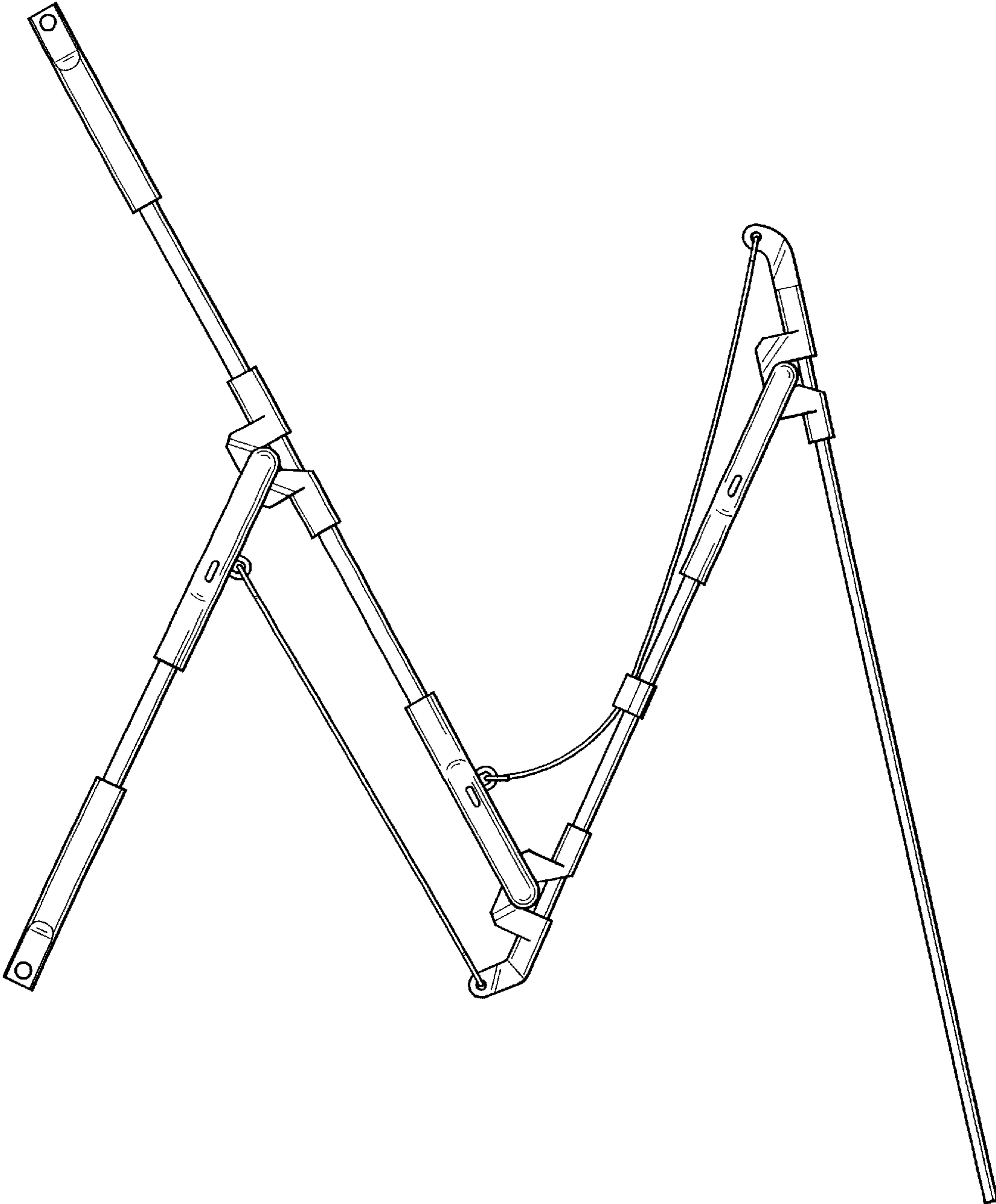


FIG. 2

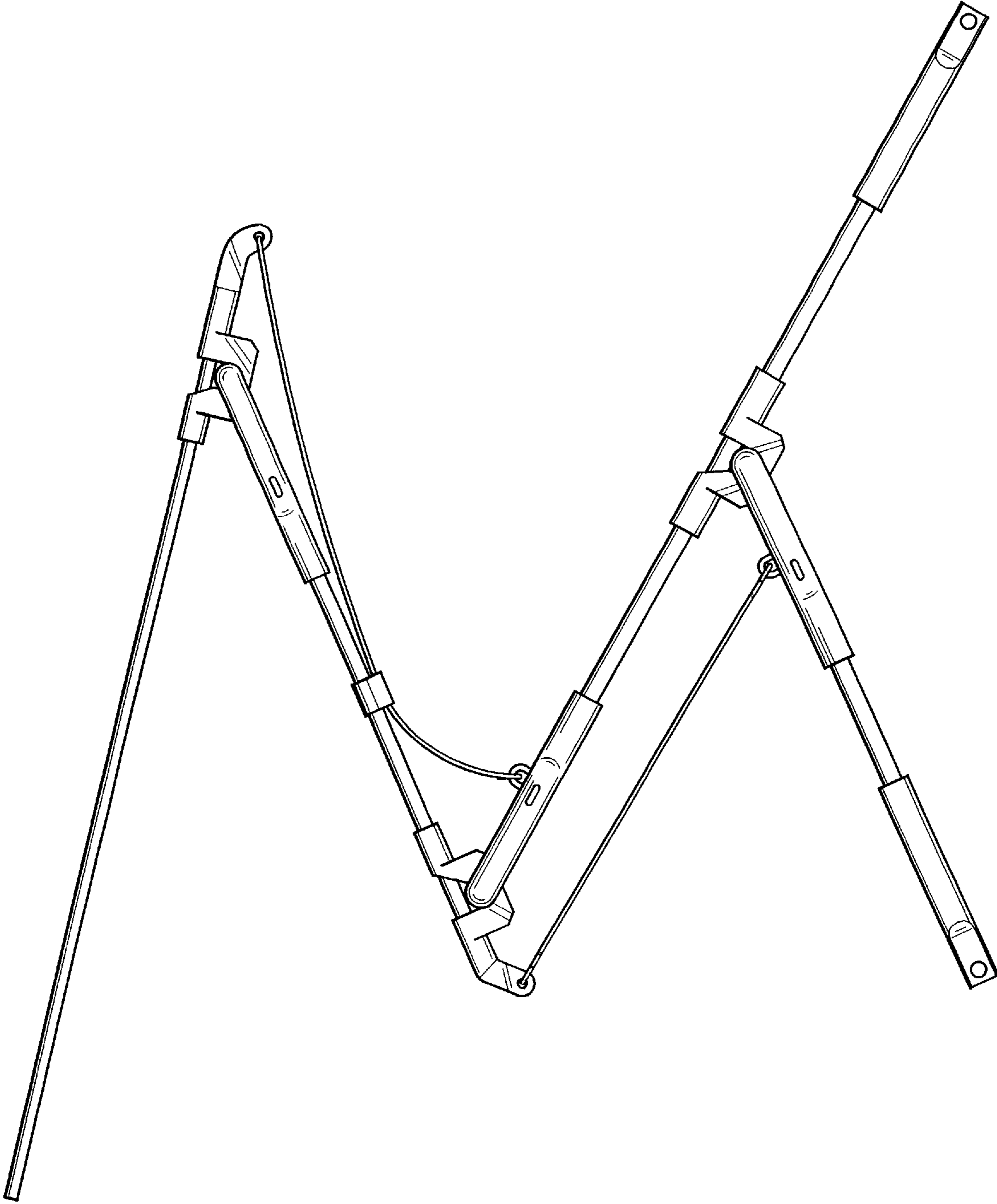


FIG. 3

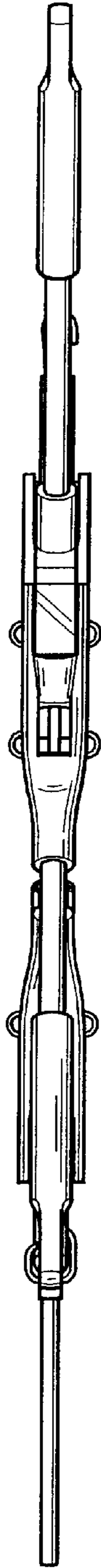


FIG. 4

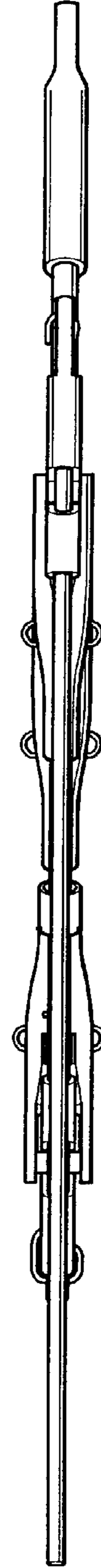


FIG. 5

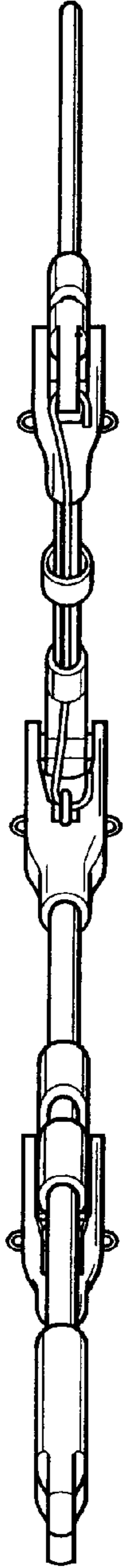


FIG. 6

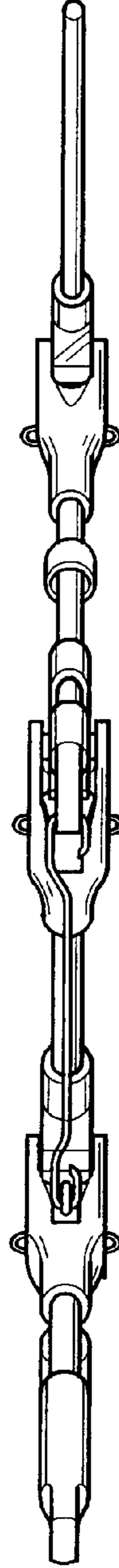


FIG. 7