



US00D953077S

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

(10) **Patent No.:** **US D953,077 S**

(45) **Date of Patent:** **\*\* May 31, 2022**

- (54) **METAL RING ARCH**
- (71) Applicant: **Shenzhen Xinyi International Trade Co., Ltd.**, Guangdong (CN)
- (72) Inventor: **Meng Zhuang**, Hunan (CN)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/820,123**
- (22) Filed: **Dec. 20, 2021**
- (51) **LOC (13) Cl.** ..... **06-06**
- (52) **U.S. Cl.**  
USPC ..... **D6/677.5**
- (58) **Field of Classification Search**  
USPC ..... D11/52; D25/31, 100; D6/672, 673, D6/677, 677.5, 682, 682.1  
CPC ..... E04B 1/32; Y10S 362/806; F16L 37/086; A47F 5/02; A47F 7/0057; A47F 7/0078  
See application file for complete search history.

- D402,431 S \* 12/1998 Peterson ..... D25/100
- D426,878 S \* 6/2000 Denney ..... D23/410
- D466,335 S \* 12/2002 Dowding ..... D6/403
- 7,766,284 B2 \* 8/2010 Boschetto ..... A01G 5/04  
D26/9
- D923,946 S \* 7/2021 Flaig ..... D6/309
- D940,472 S \* 1/2022 LeTourneau ..... D6/309
- 2003/0159345 A1 \* 8/2003 Oliver ..... A01G 5/04  
47/41.01

\* cited by examiner

*Primary Examiner* — Kelley A Donnelly

(74) *Attorney, Agent, or Firm* — Che-Yang Chen; Law Office of Michael Chen

(57) **CLAIM**

The ornamental design for a metal ring arch, as shown and described.

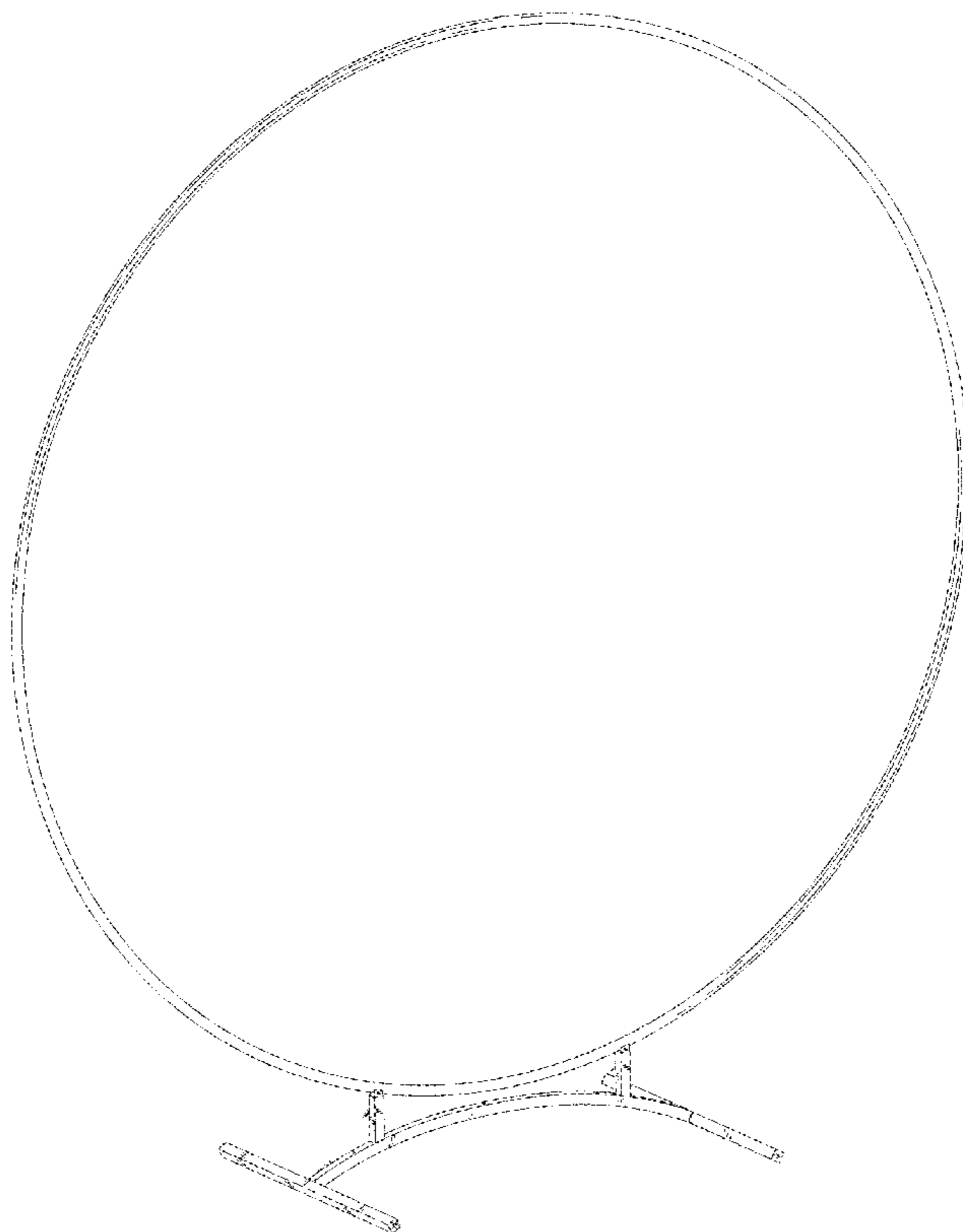
**DESCRIPTION**

FIG. 1 is a perspective view of the metal ring arch showing my new design;  
 FIG. 2 is a perspective view thereof from another angle;  
 FIG. 3 is a front elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a left side elevational view thereof;  
 FIG. 6 is a right side elevational view thereof;  
 FIG. 7 is a top plan view thereof;  
 FIG. 8 is a bottom plan view thereof; and,  
 FIG. 9 is an enlarged view of a portion indicated with numeric 9 in FIG. 2.

**1 Claim, 9 Drawing Sheets**

(56) **References Cited**  
 U.S. PATENT DOCUMENTS

- 1,664,019 A \* 3/1928 Blackman ..... A01G 9/12  
D25/100
- D156,934 S \* 1/1950 Burgess ..... D20/10
- D177,234 S \* 3/1956 Hudson ..... D23/410
- D194,702 S \* 2/1963 P Laneta ..... 248/153
- D237,580 S \* 11/1975 Lampinen ..... D23/410
- D274,933 S \* 7/1984 Nau ..... D23/410
- D338,357 S \* 8/1993 Dworkin ..... D6/678.4
- D344,249 S \* 2/1994 Carmichael ..... D11/120



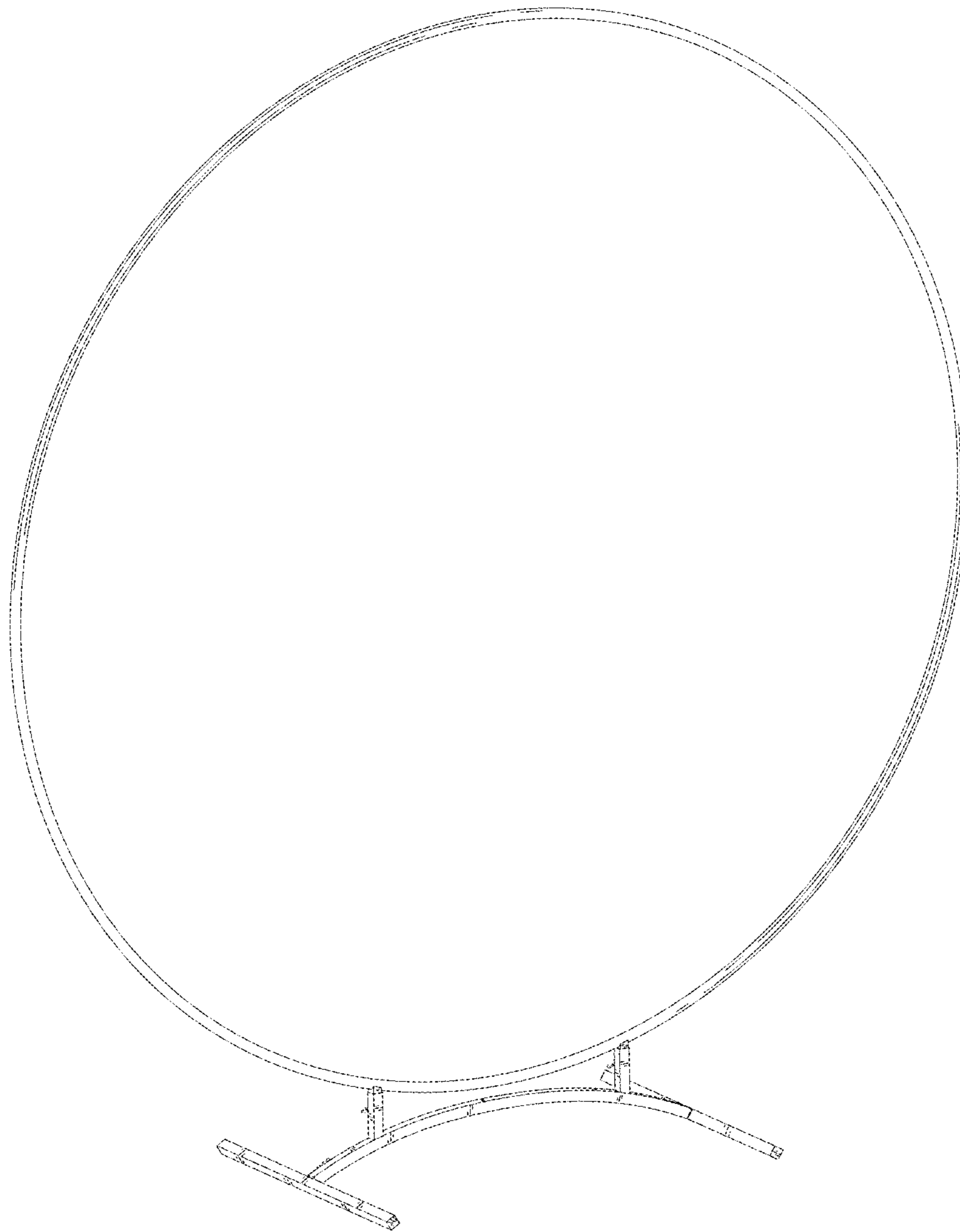


FIG. 1

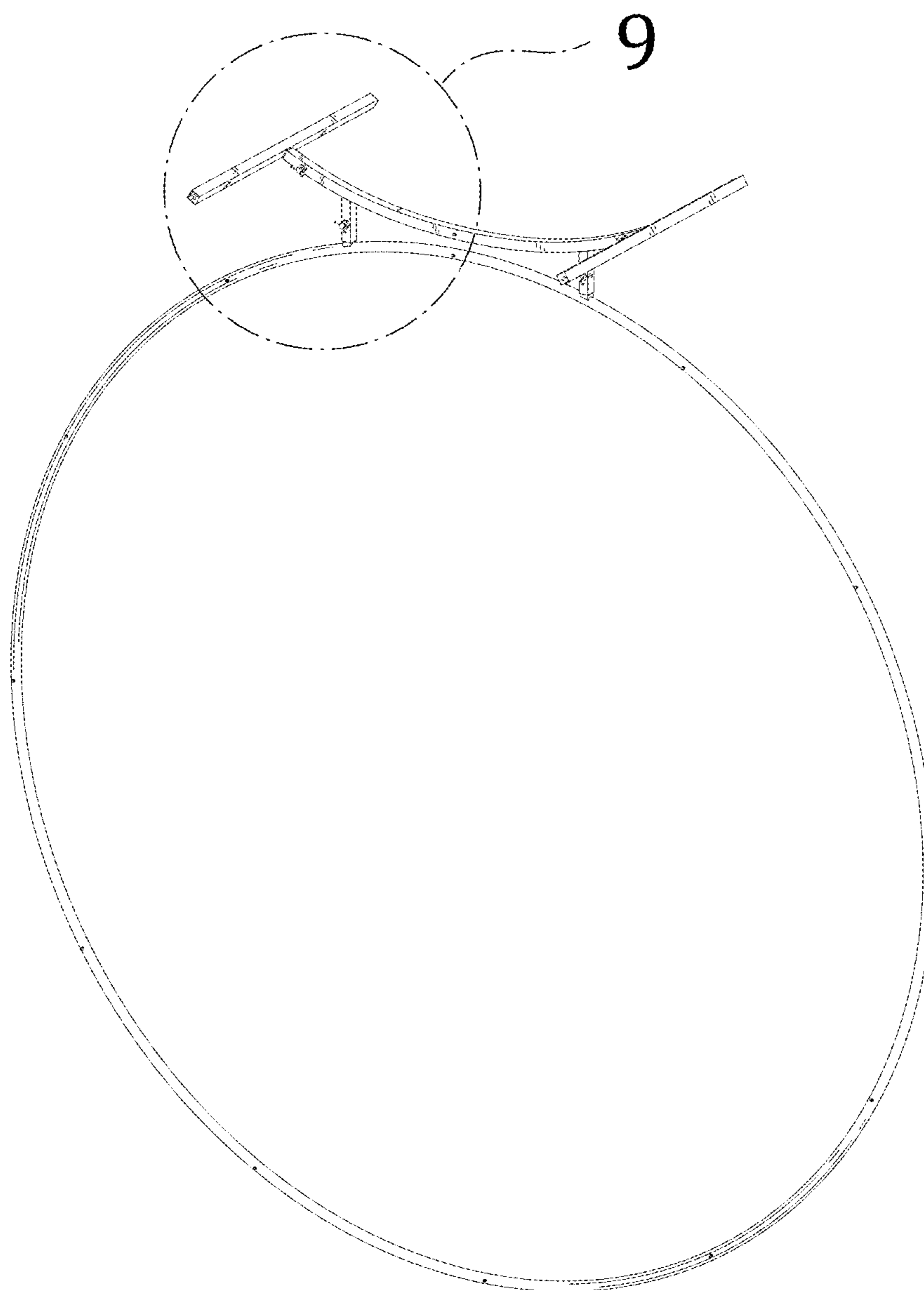


FIG. 2

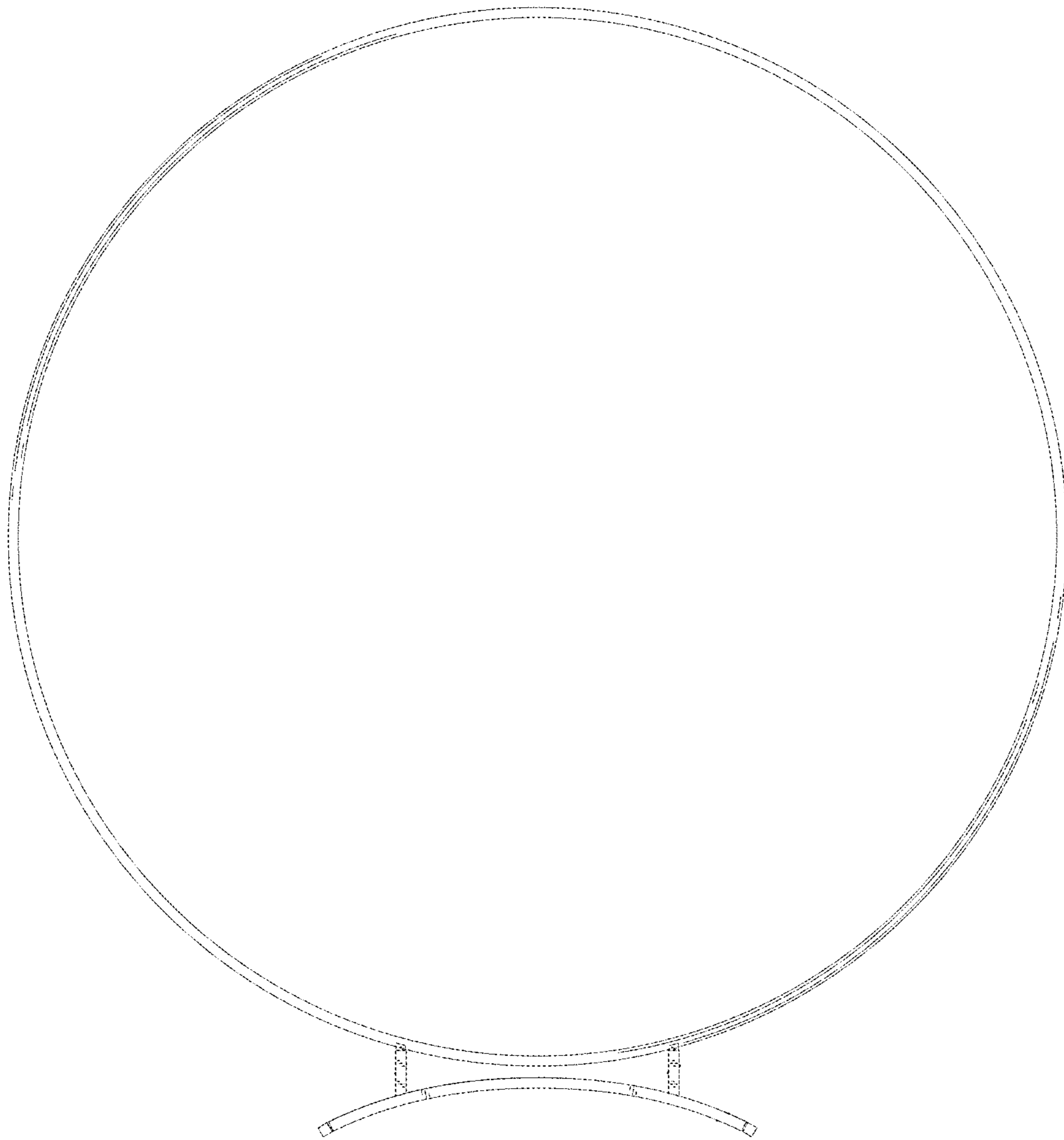


FIG. 3

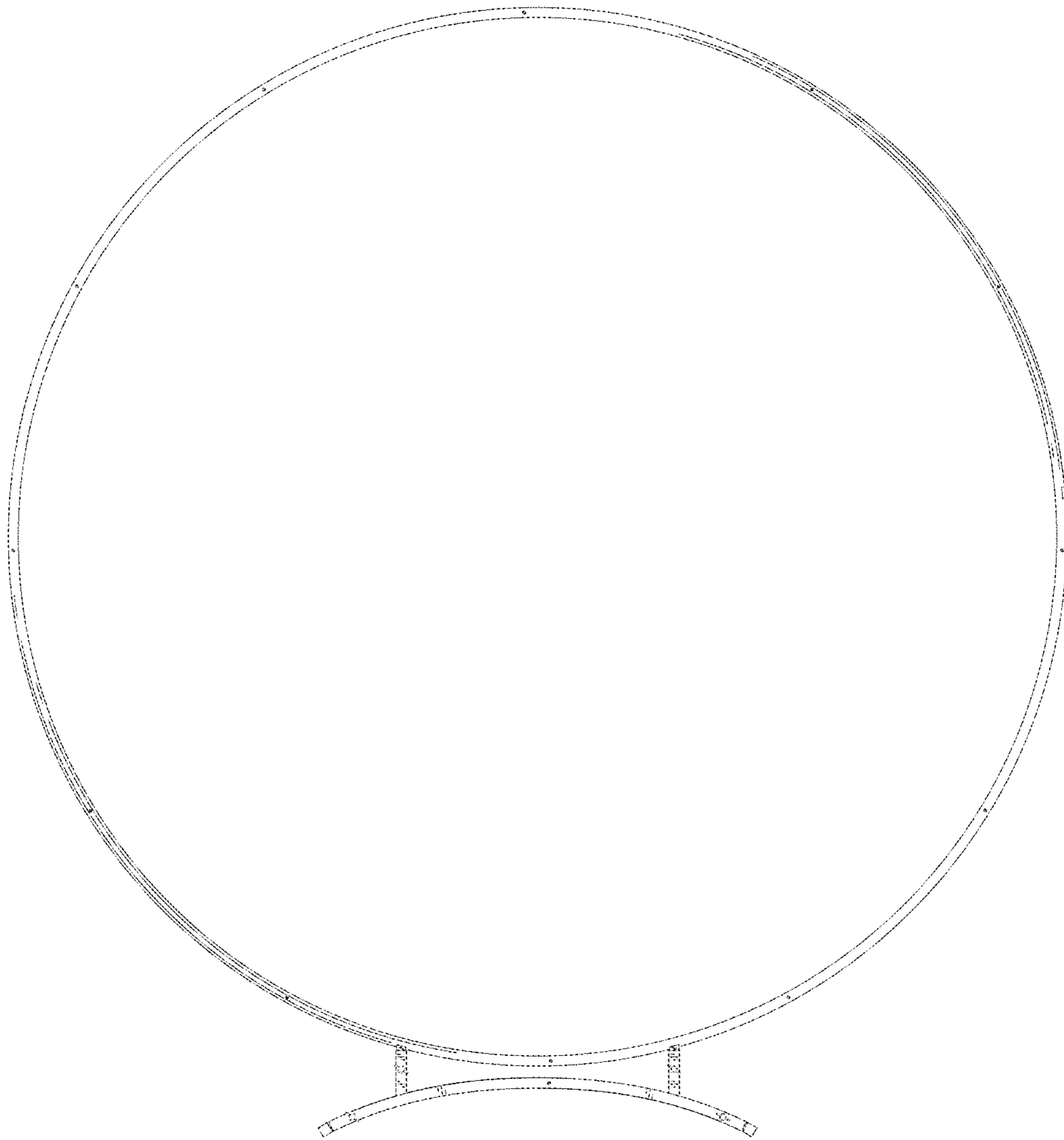


FIG. 4

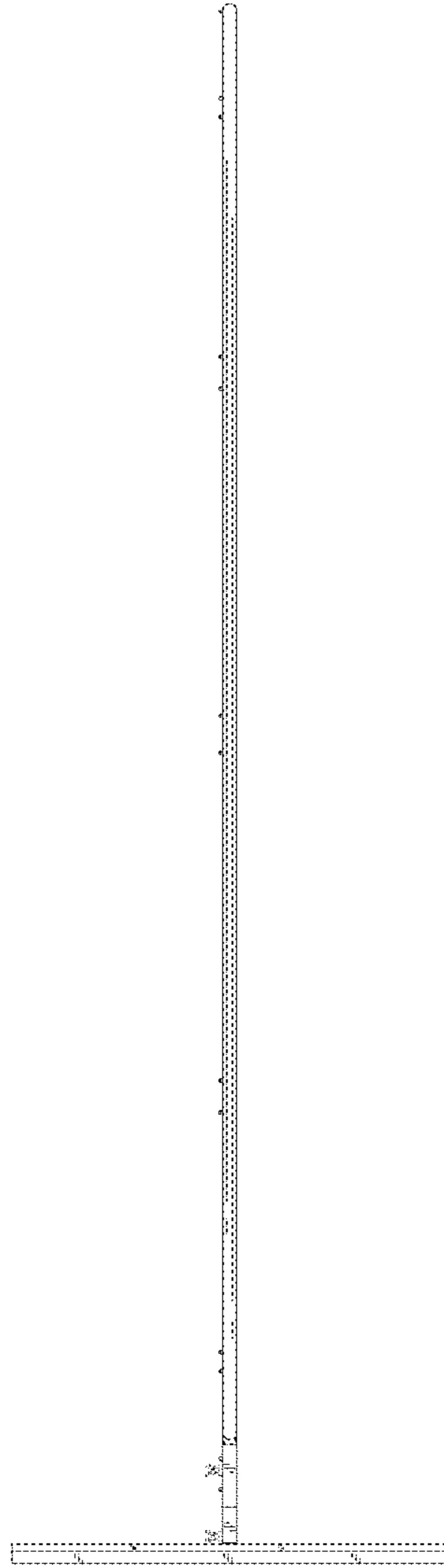


FIG. 5

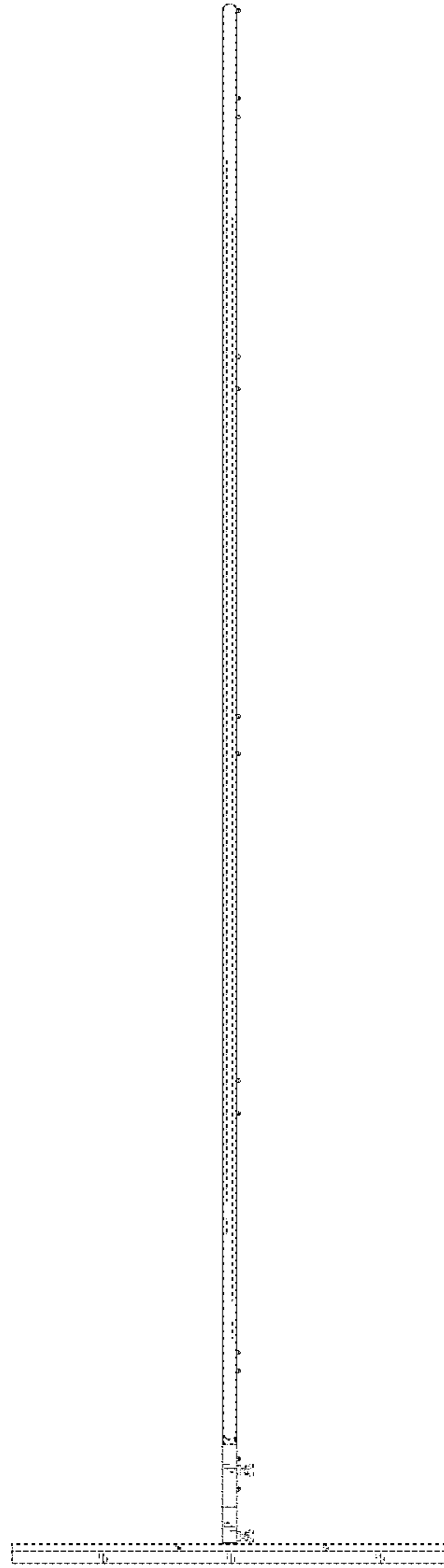


FIG. 6

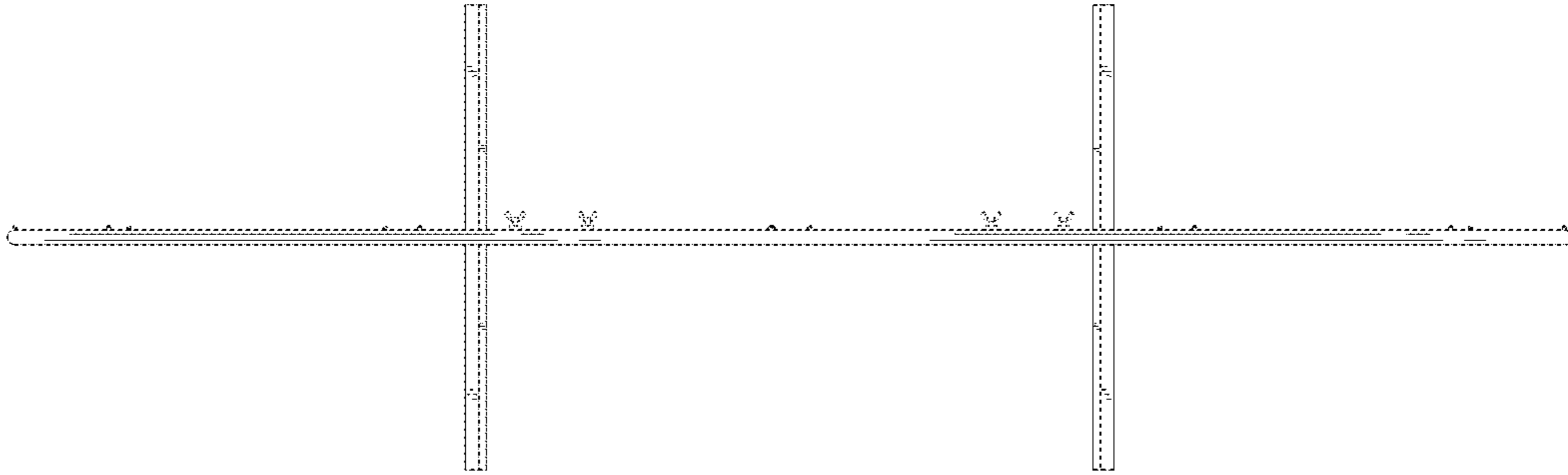


FIG. 7



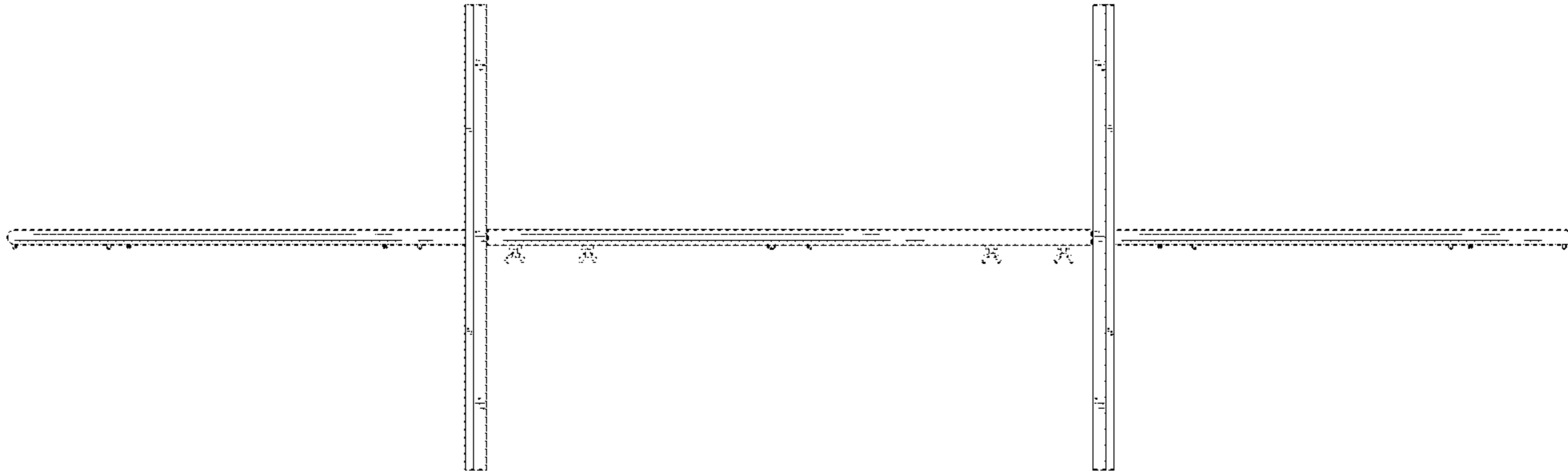


FIG. 8

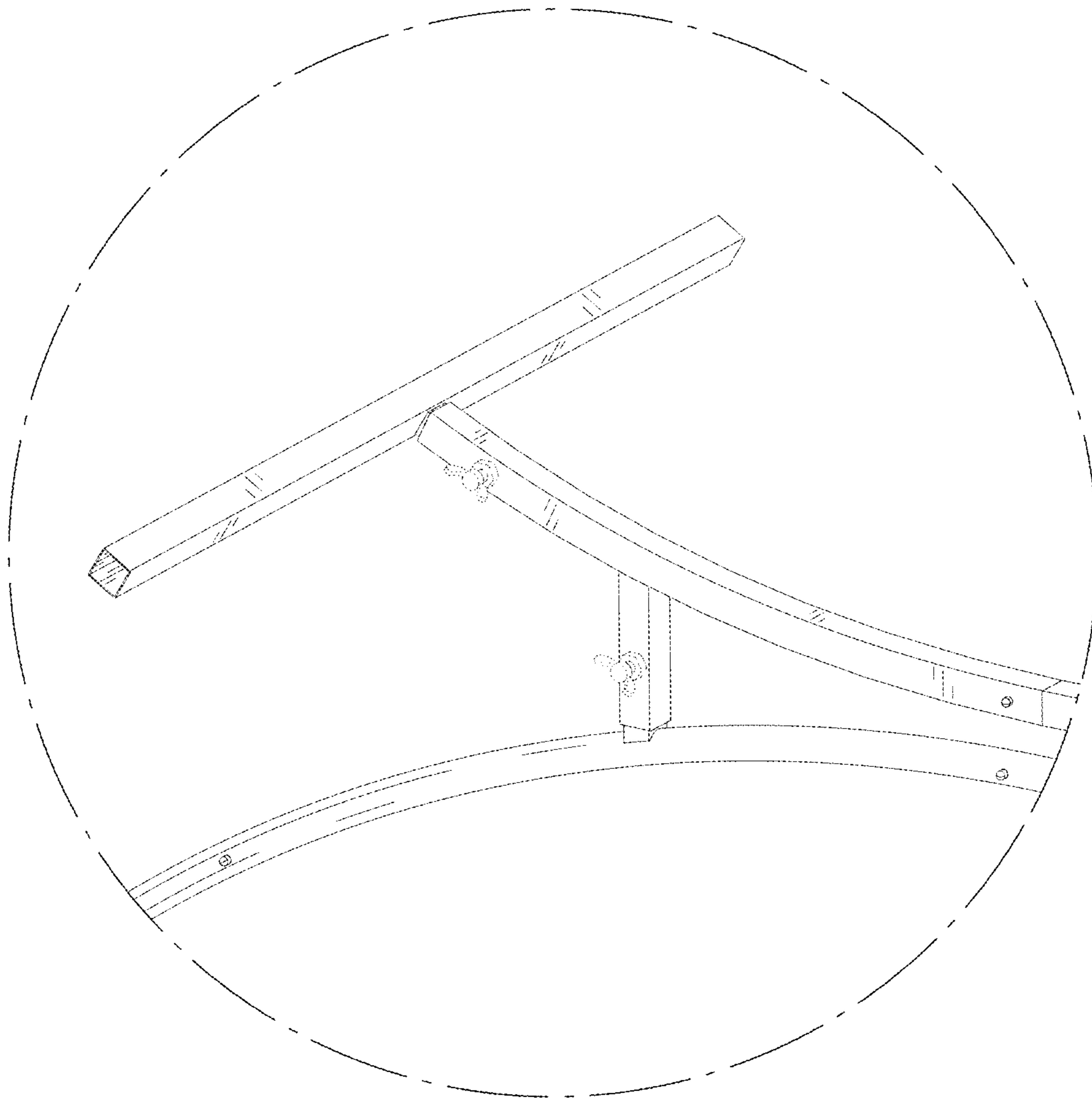


FIG. 9