

US00D647682S

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

(10) **Patent No.:** **US D647,682 S**

(45) **Date of Patent:** **\*\* Oct. 25, 2011**

(54) **BIG CRANE**

(76) Inventor: **Joel Lavering**, Florence, MT (US)

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

(21) Appl. No.: **29/370,456**

(22) Filed: **Jul. 20, 2010**

**Related U.S. Application Data**

(63) Continuation of application No. 29/348,001, filed on Nov. 18, 2009, now abandoned, which is a continuation of application No. 29/293,797, filed on Dec. 13, 2007, now Pat. No. Des. 606,725.

(51) **LOC (9) Cl.** ..... **12-05**

(52) **U.S. Cl.** ..... **D34/33**

(58) **Field of Classification Search** ..... D34/28,  
D34/33, 35, 36; 182/36, 37, 142, 150; 212/8 R,  
212/48, 58, 59, 223, 255, 253; 280/79.2,  
280/91, 9.44, 9.46

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,280,931 A \* 10/1966 Cahill et al. .... 180/23  
3,545,627 A \* 12/1970 Letourneau ..... 212/303  
3,794,184 A \* 2/1974 Higgins ..... 212/295

3,868,022 A \* 2/1975 Greenlay et al. .... 212/291  
3,939,988 A \* 2/1976 Wellman ..... 212/297  
D244,709 S \* 6/1977 Sano ..... D21/528  
4,053,060 A \* 10/1977 Wilson ..... 212/302  
4,394,911 A \* 7/1983 Wittman et al. .... 212/304  
4,529,094 A \* 7/1985 Wadsworth ..... 212/255  
D467,403 S \* 12/2002 Aquino ..... D34/33  
D606,725 S \* 12/2009 Lavering ..... D34/33

\* cited by examiner

*Primary Examiner* — Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — Ryan M. Fountain

(57) **CLAIM**

The ornamental design for a big crane, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, left perspective view of a big crane of the present invention;

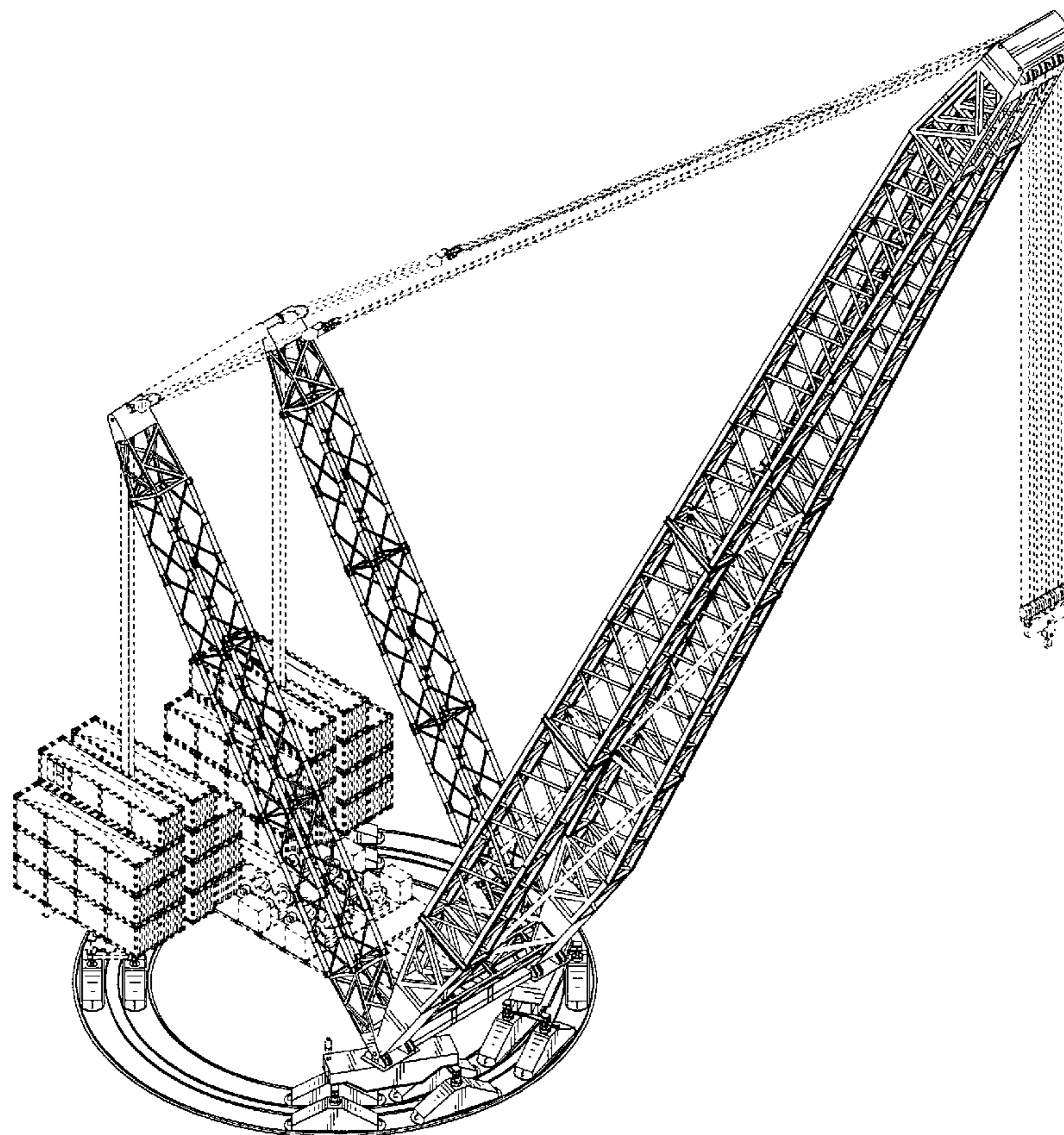
FIG. 2 is a top plan view thereof;

FIG. 3 is shows a left side view of the big crane, the right side being a mirror image thereof; and,

FIG. 4 shows a front view thereof.

The broken line showing of counterweights, hoist lines, swiv-  
eyle, surface structure and cable driving mechanism in the  
figures is included for the purpose of illustrating environment  
and forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**





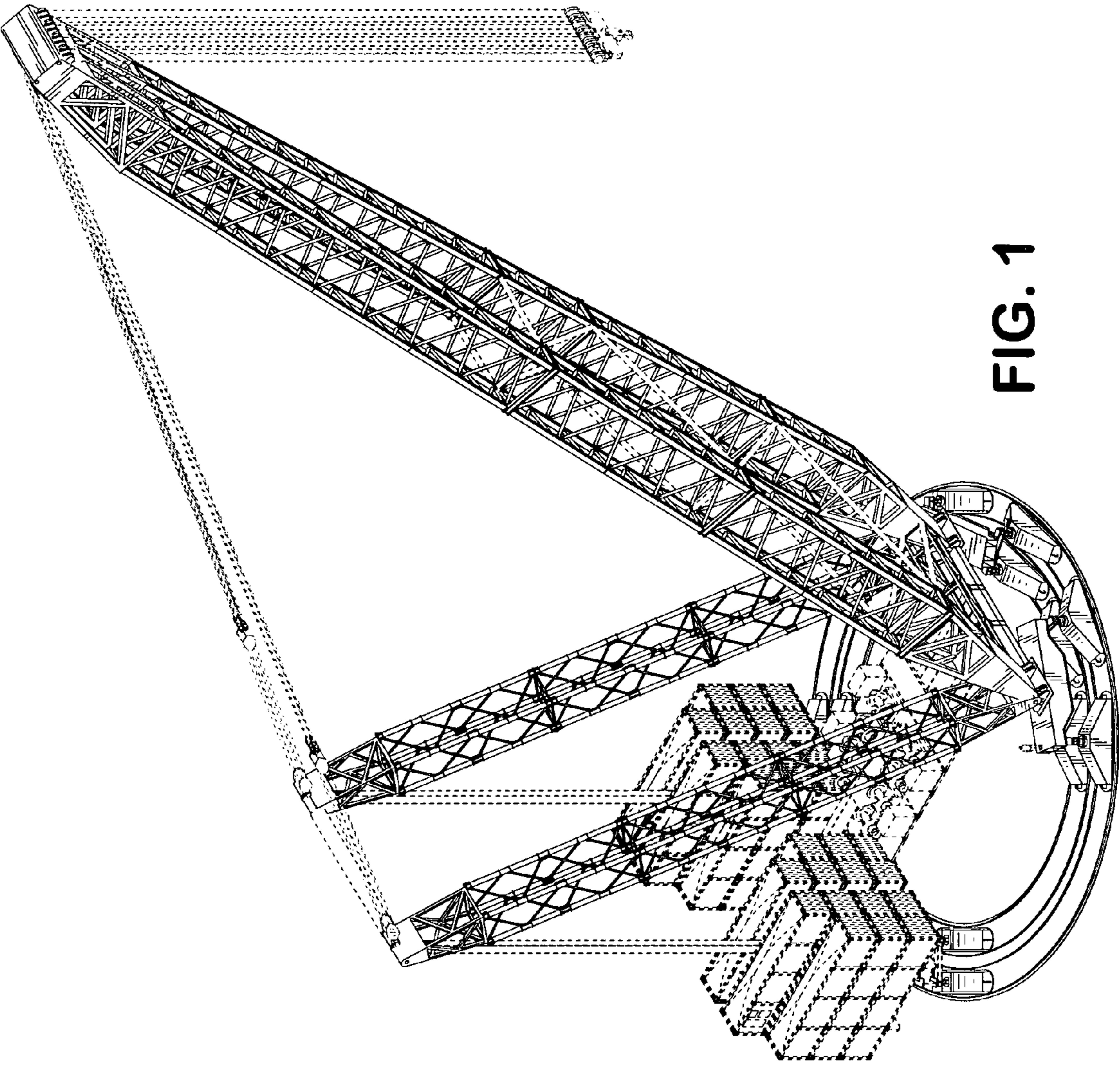


FIG. 1

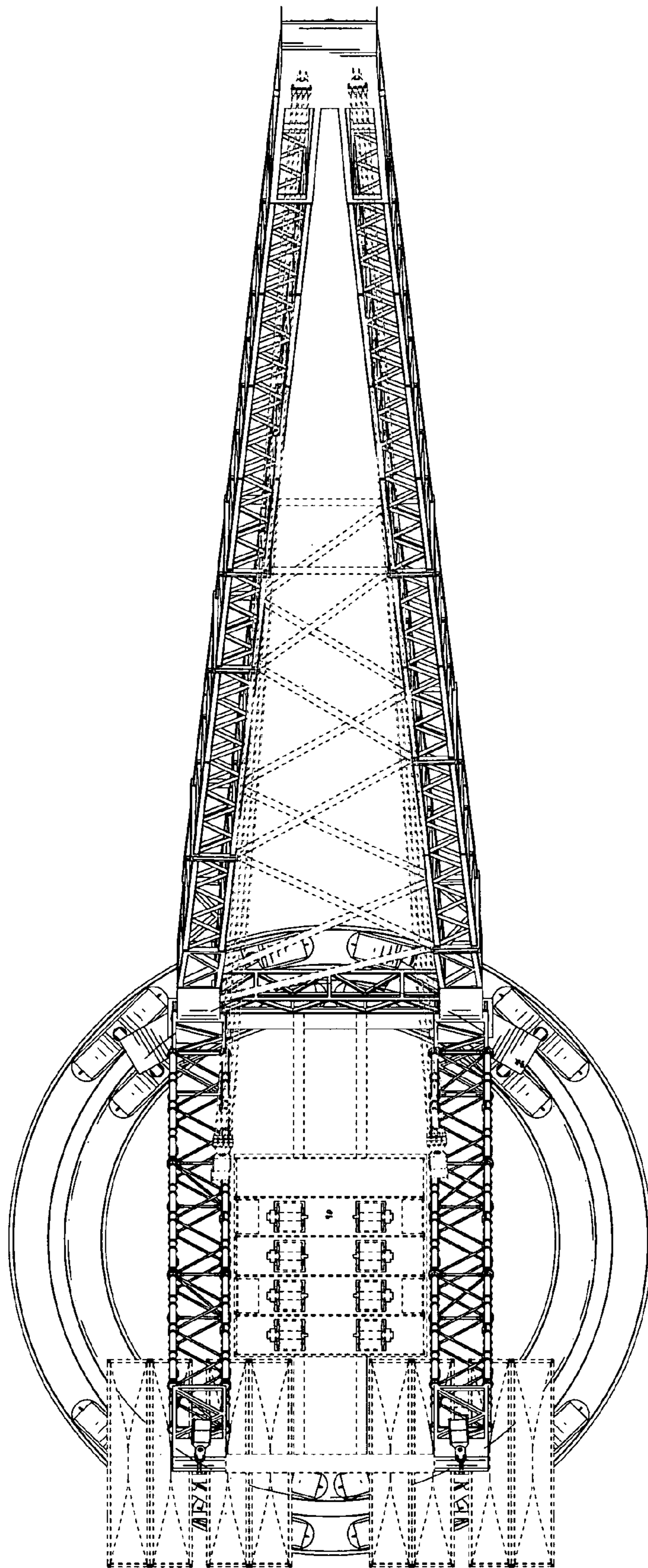


FIG. 2



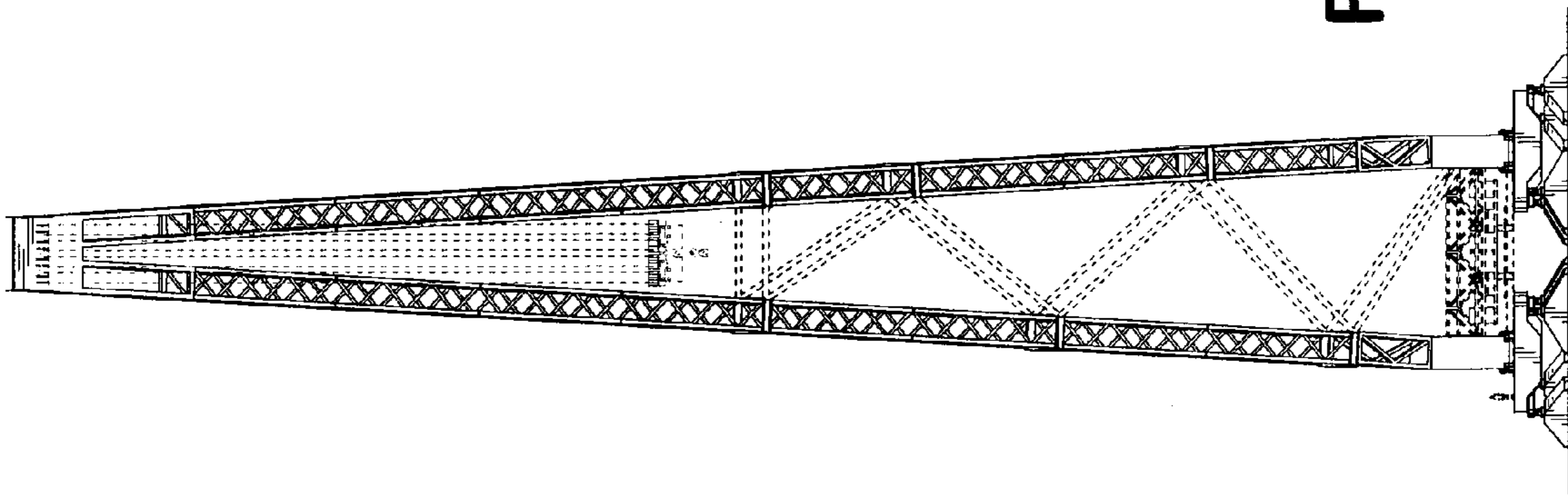


FIG. 4

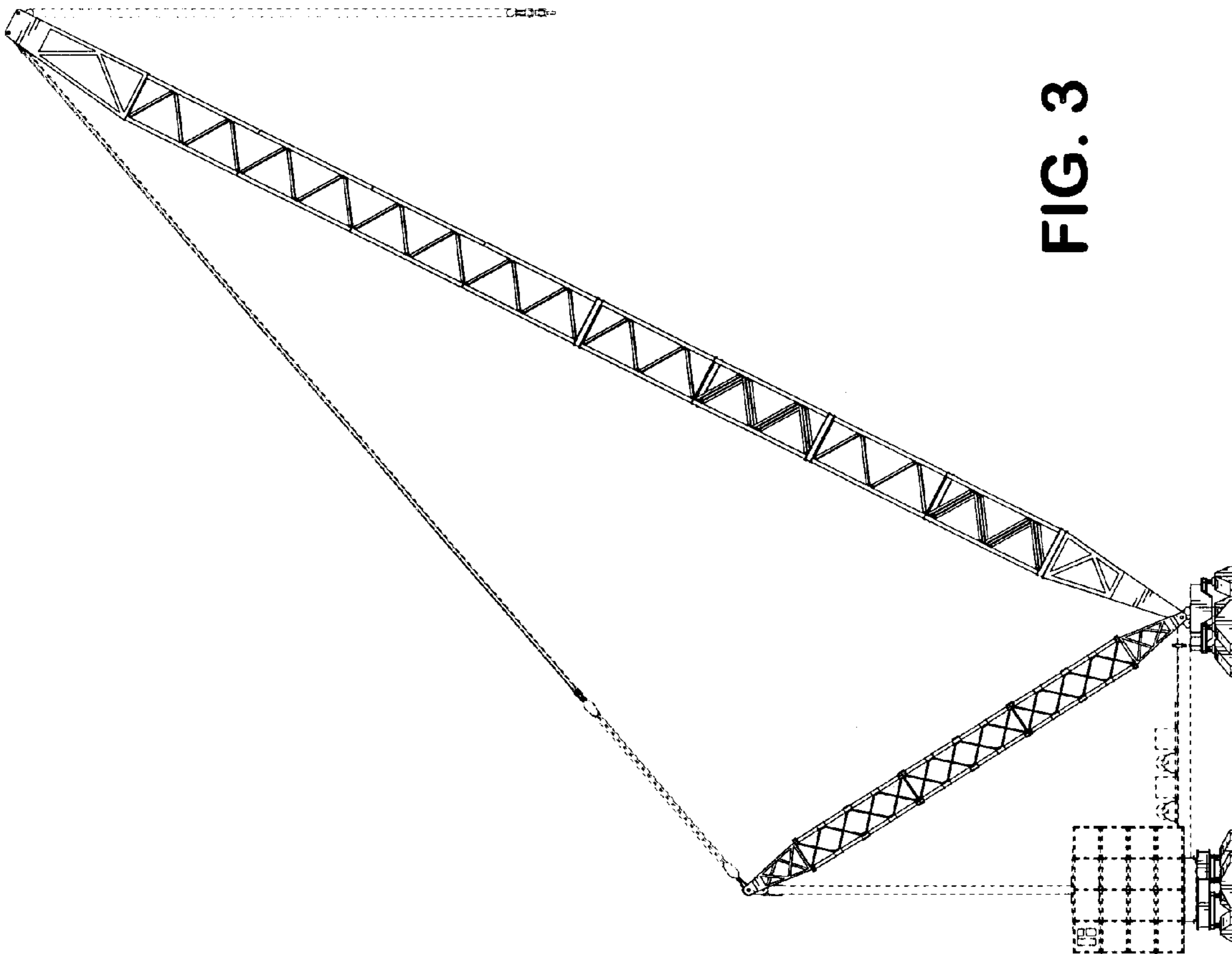


FIG. 3