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(12) **United States Design Patent**  
**Lyons, III**

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(54) **PORTABLE MORTAR HOPPER**  
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(73) Assignee: **Lycon Inc.**, Janesville, WI (US)  
(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/298,618**  
(22) Filed: **Dec. 10, 2007**

5,339,996 A \* 8/1994 Dubbert et al. .... 222/185.1  
5,609,417 A \* 3/1997 Otte ..... 366/137  
6,227,813 B1 \* 5/2001 Leimer ..... 417/234  
D459,365 S \* 6/2002 Myers et al. .... D15/19  
6,905,048 B2 \* 6/2005 Harris ..... 222/67  
2003/0076737 A1 \* 4/2003 Grassi ..... 366/150.1  
2003/0152450 A1 \* 8/2003 Henry et al. .... 414/502  
2004/0100857 A1 \* 5/2004 Harris ..... 366/8  
2005/0276155 A1 \* 12/2005 Harris ..... 366/19  
2006/0233040 A1 \* 10/2006 Cestti et al. .... 366/40

(51) **LOC (9) Cl.** ..... **15-03**  
(52) **U.S. Cl.** ..... **D15/19; D15/27**  
(58) **Field of Classification Search** ..... D15/10,  
D15/19, 27; 182/186.6; 366/40, 41, 1, 32,  
366/26, 9; 414/498, 608  
See application file for complete search history.

**OTHER PUBLICATIONS**

U.S. Patent Application Portable Mortar Hopper, U.S. Appl. No. 11/942,501, filed Nov. 19, 2007.

\* cited by examiner

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

RE18,768 E \* 3/1933 Edland ..... 366/168.1  
2,357,583 A \* 9/1944 Franco ..... 414/617  
D152,873 S \* 3/1949 Fleischmann ..... D15/19  
D156,414 S \* 12/1949 Fleischmann ..... D15/19  
D164,358 S \* 8/1951 Faber ..... D15/19  
2,665,938 A \* 1/1954 McCrossen ..... 296/35.3  
D187,717 S \* 4/1960 Kayser ..... D15/19  
3,218,045 A \* 11/1965 Cox ..... 366/39  
3,998,362 A \* 12/1976 Lapierre et al. .... 222/185.1  
D245,006 S \* 7/1977 Mills ..... D15/19  
4,213,571 A \* 7/1980 Deardorff et al. .... 241/48  
D268,586 S \* 4/1983 Baum ..... D15/19  
4,956,821 A \* 9/1990 Fenelon ..... 366/8  
D319,832 S \* 9/1991 Ross ..... D15/19  
D322,972 S \* 1/1992 St. Ama ..... D15/19  
D322,973 S \* 1/1992 St. Ama ..... D15/19  
D324,688 S \* 3/1992 St. Ama ..... D15/19  
D327,485 S \* 6/1992 St. Ama ..... D15/19

(57) **CLAIM**

The ornamental design for a portable mortar hopper, as shown and described.

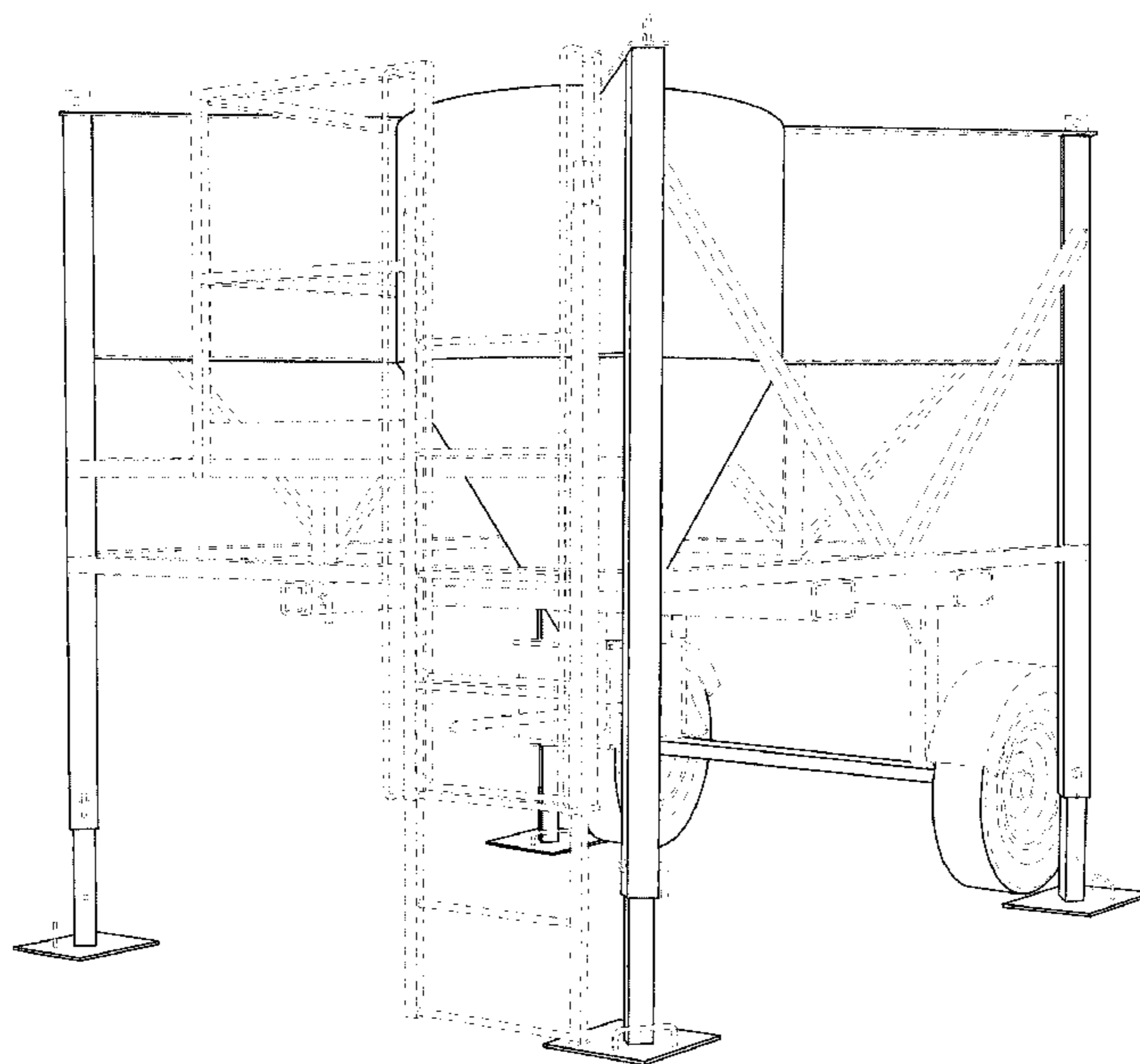
**DESCRIPTION**

FIG. 1 is a perspective view of a portable mortar hopper embodying the invention;  
FIG. 2 is a front view thereof; and,  
FIG. 3 is a side view thereof.

The second side view, the bottom view, the top view, and the rear view form no part of the claimed design.

The broken line showing of portions of the portable mortar hopper is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



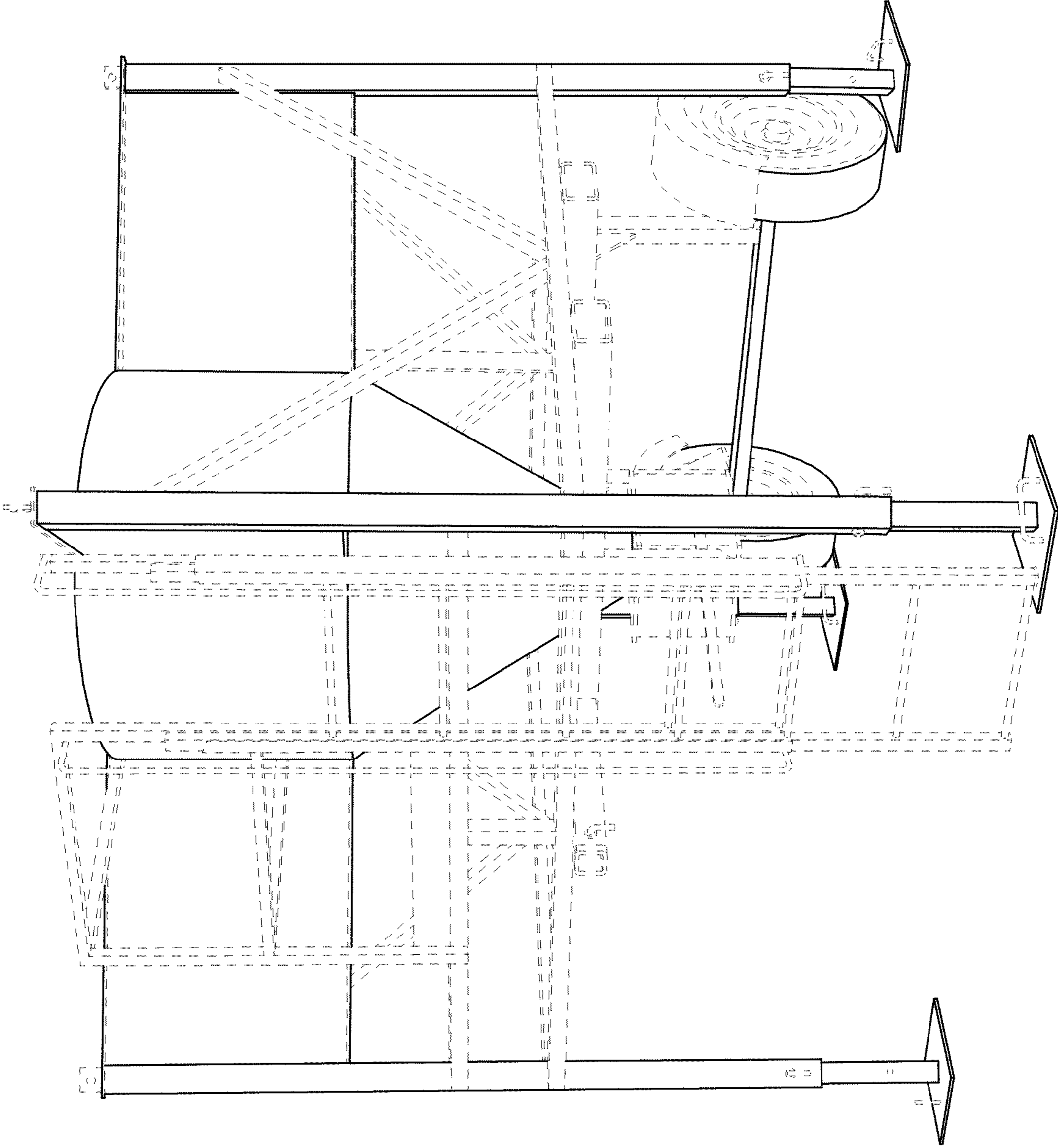


FIG. 1

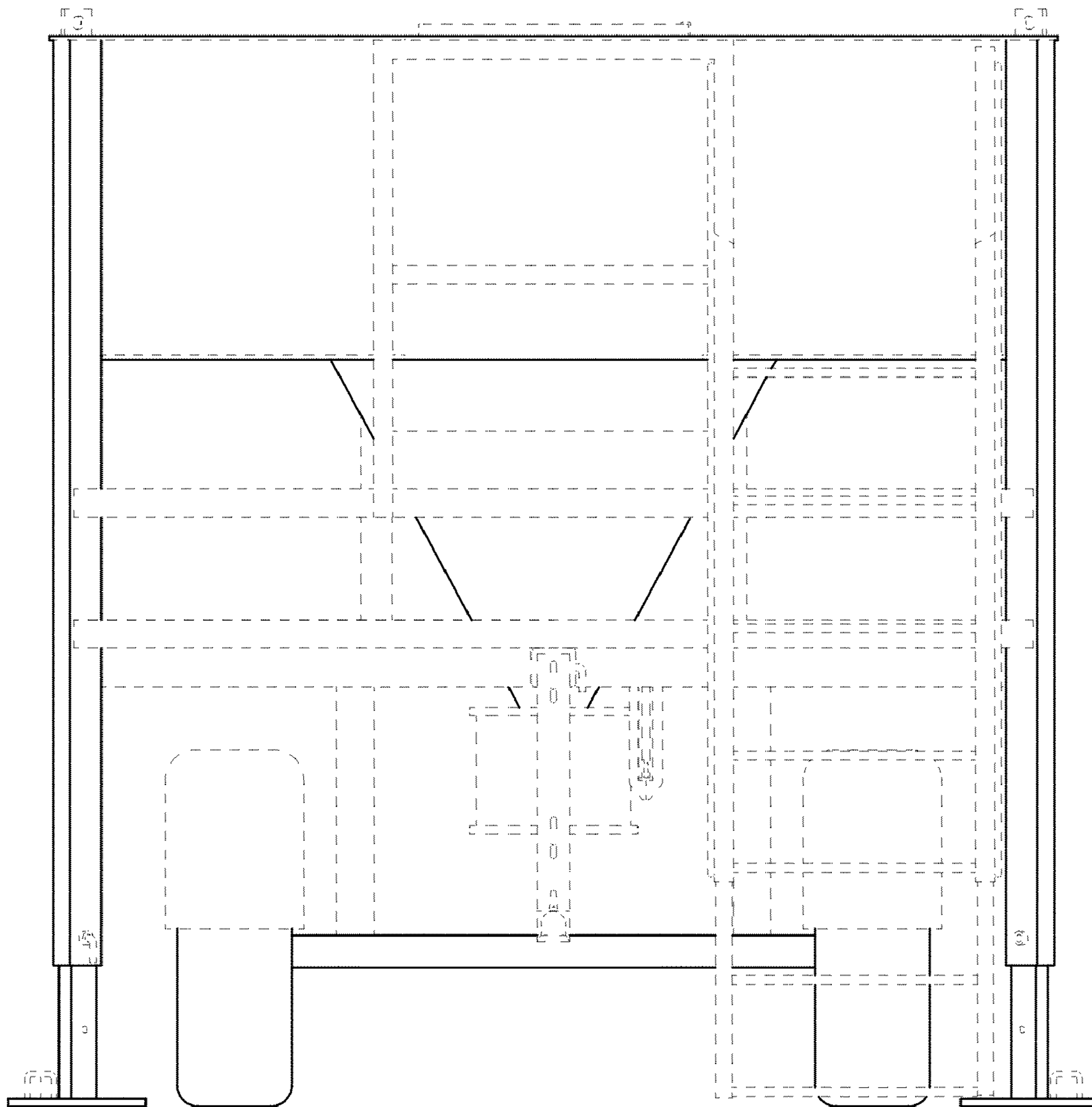


FIG. 2

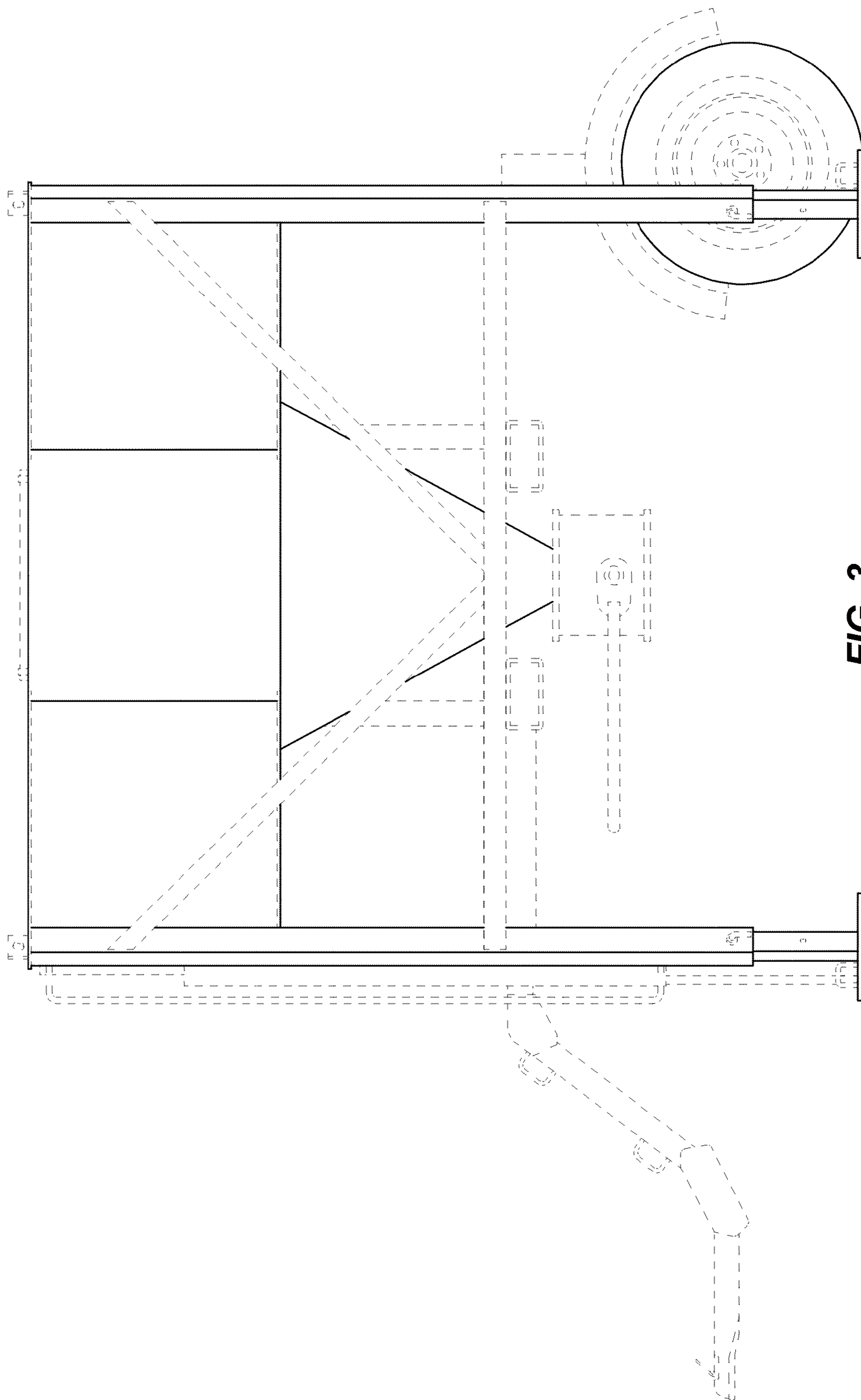


FIG. 3