



US00D474203S

(12) **United States Design Patent**
Allen et al.

(10) **Patent No.:** **US D474,203 S**
(45) **Date of Patent:** **** May 6, 2003**

(54) **RIDING TROWEL WITH ROTATABLE RING
EDGE GUARD**

(75) Inventors: **J. Dewayne Allen**, Paragould, AR (US);
Timmy D. Guinn, Paragould, AR (US)

(73) Assignee: **Allen Engineering Corp.**, Paragould,
AR (US)

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

(21) Appl. No.: **29/153,536**

(22) Filed: **Jan. 11, 2002**

(51) **LOC (7) Cl.** **15-03**

(52) **U.S. Cl.** **D15/10**

(58) **Field of Search** D15/10; 404/112,
404/96, 85, 118, 126

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | | |
|-----------|---|---|---------|--------------|-------|---------|
| D323,510 | S | * | 1/1992 | Allen et al. | | D15/10 |
| 5,108,220 | A | * | 4/1992 | Allen et al. | | 404/112 |
| 5,238,323 | A | * | 8/1993 | Allen et al. | | 404/112 |
| 5,480,257 | A | * | 1/1996 | Allen | | 404/112 |
| 5,658,089 | A | * | 8/1997 | Allen | | 404/112 |
| 5,803,658 | A | * | 9/1998 | Allen | | 404/112 |
| 5,816,740 | A | * | 10/1998 | Jaskowiak | | 404/112 |
| D400,542 | S | * | 11/1998 | Allen | | D15/10 |

| | | | | |
|-----------|---|----------|--------------|---------------|
| D400,544 | S | 11/1998 | Allen | |
| D404,041 | S | 1/1999 | Allen | |
| 5,890,833 | A | 4/1999 | Allen et al. | |
| D413,127 | S | 8/1999 | Allen | |
| D416,564 | S | 11/1999 | Allen et al. | |
| 5,988,938 | A | 11/1999 | Allen | |
| 6,019,545 | A | 2/2000 | Allen et al. | |
| 6,053,660 | A | * 4/2000 | Allen et al. | 404/112 |
| 6,106,193 | A | 8/2000 | Allen et al. | |
| D453,344 | S | * 2/2002 | Smith et al. | D15/10 |

* cited by examiner

Primary Examiner—Mitchell Siegel

(74) *Attorney, Agent, or Firm*—Stephen D. Carver

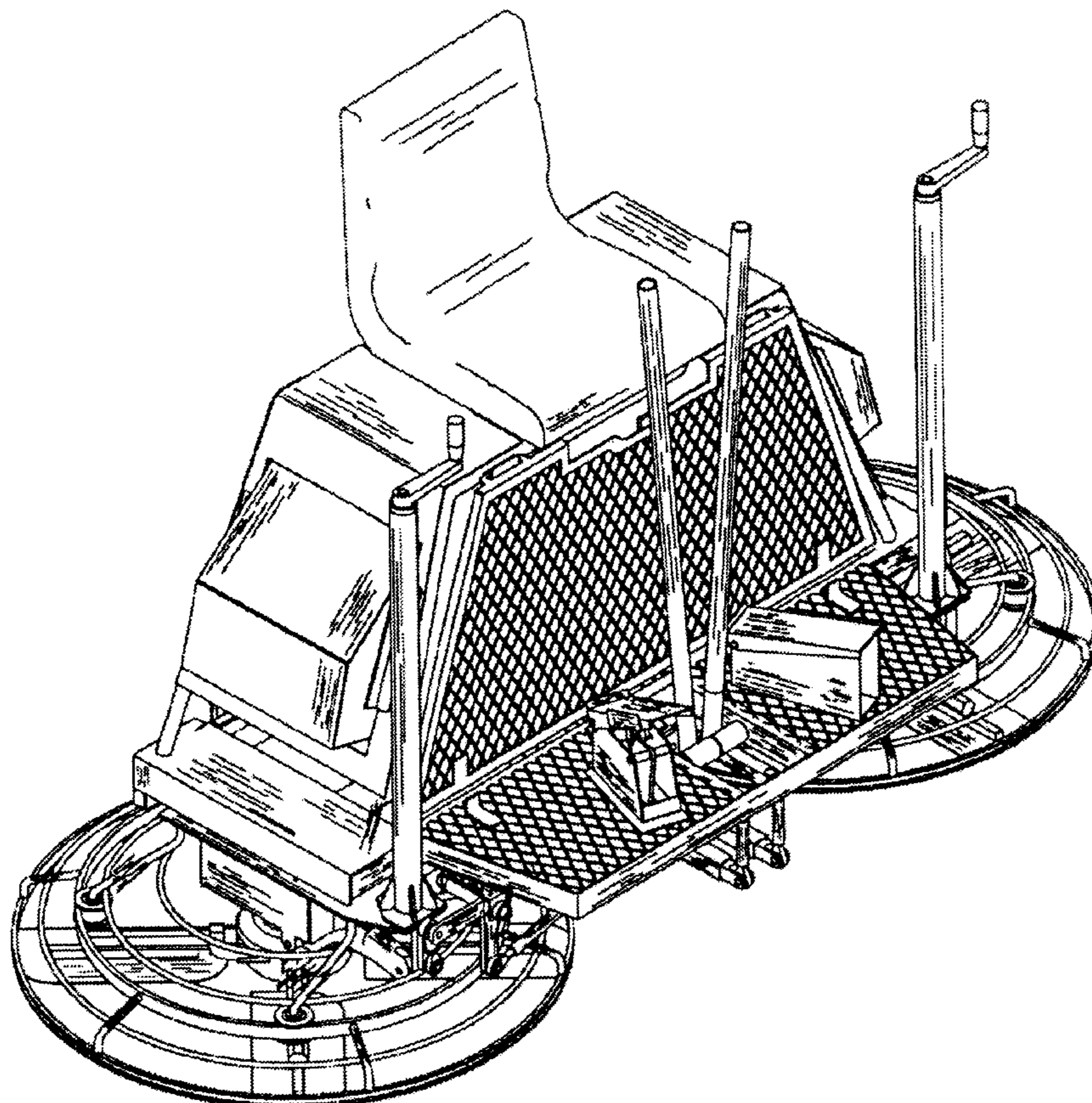
(57) **CLAIM**

The ornamental design for a riding trowel with rotatable ring edge guard, as shown.

DESCRIPTION

FIG. 1 is a frontal isometric view of our new riding trowel with rotatable ring edge guard;
FIG. 2 is a front plan view thereof;
FIG. 3 is a rear isometric view of thereof;
FIG. 4 is a top plan view thereof; and,
FIG. 5 is an enlarged, fragmentary isometric view of a typical rotor.

1 Claim, 5 Drawing Sheets



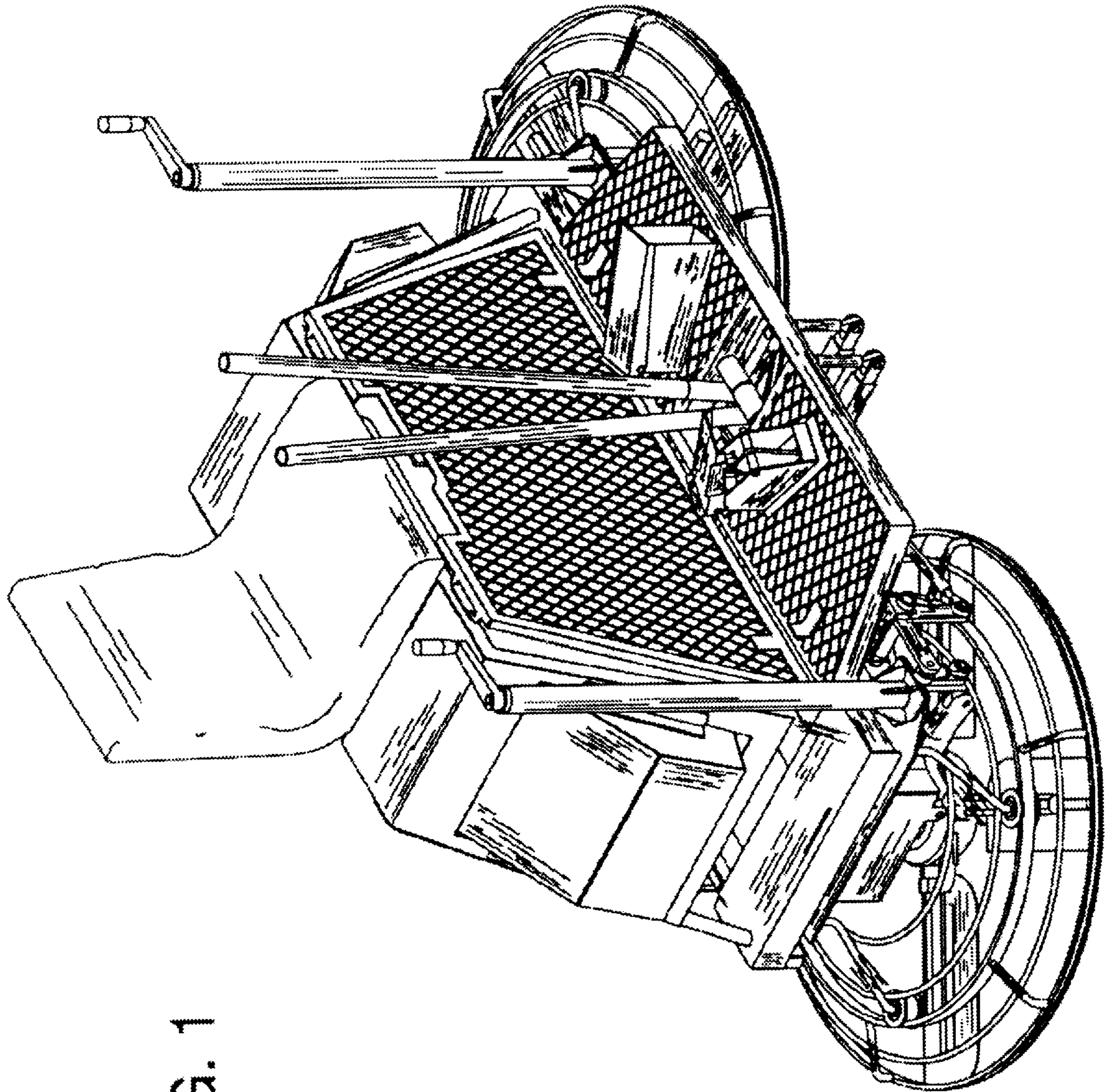


FIG. 1

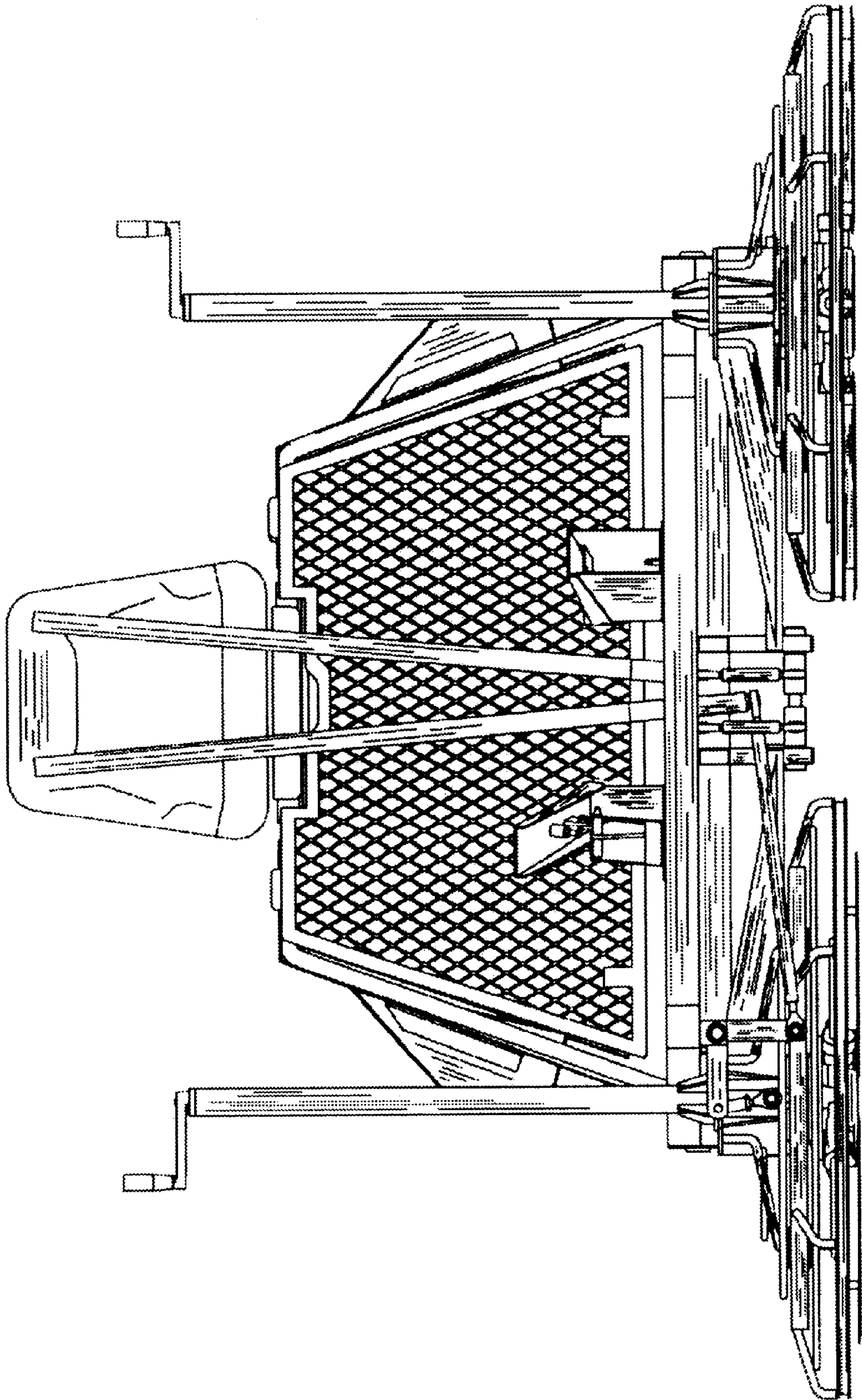
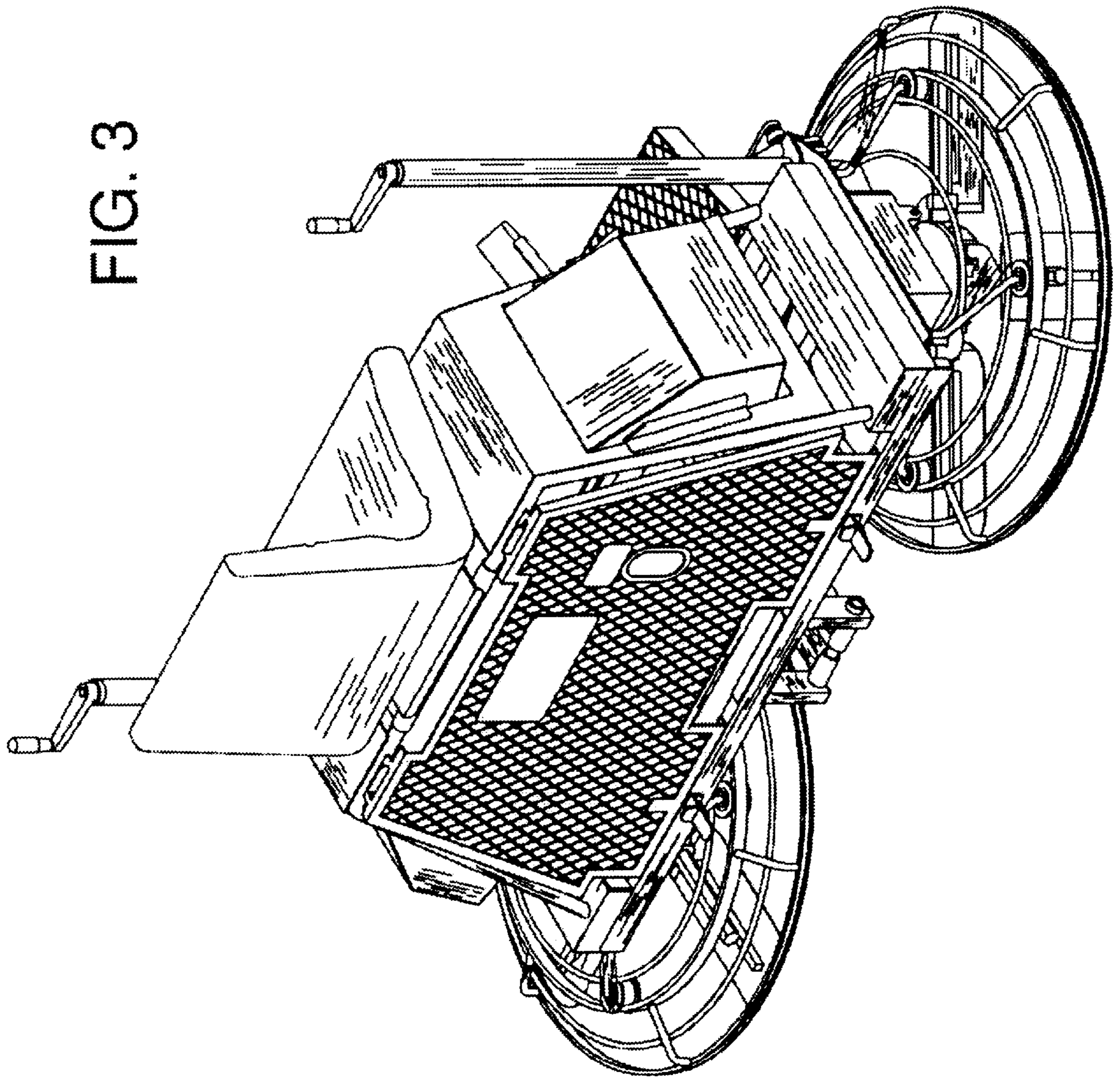


FIG. 2

FIG. 3



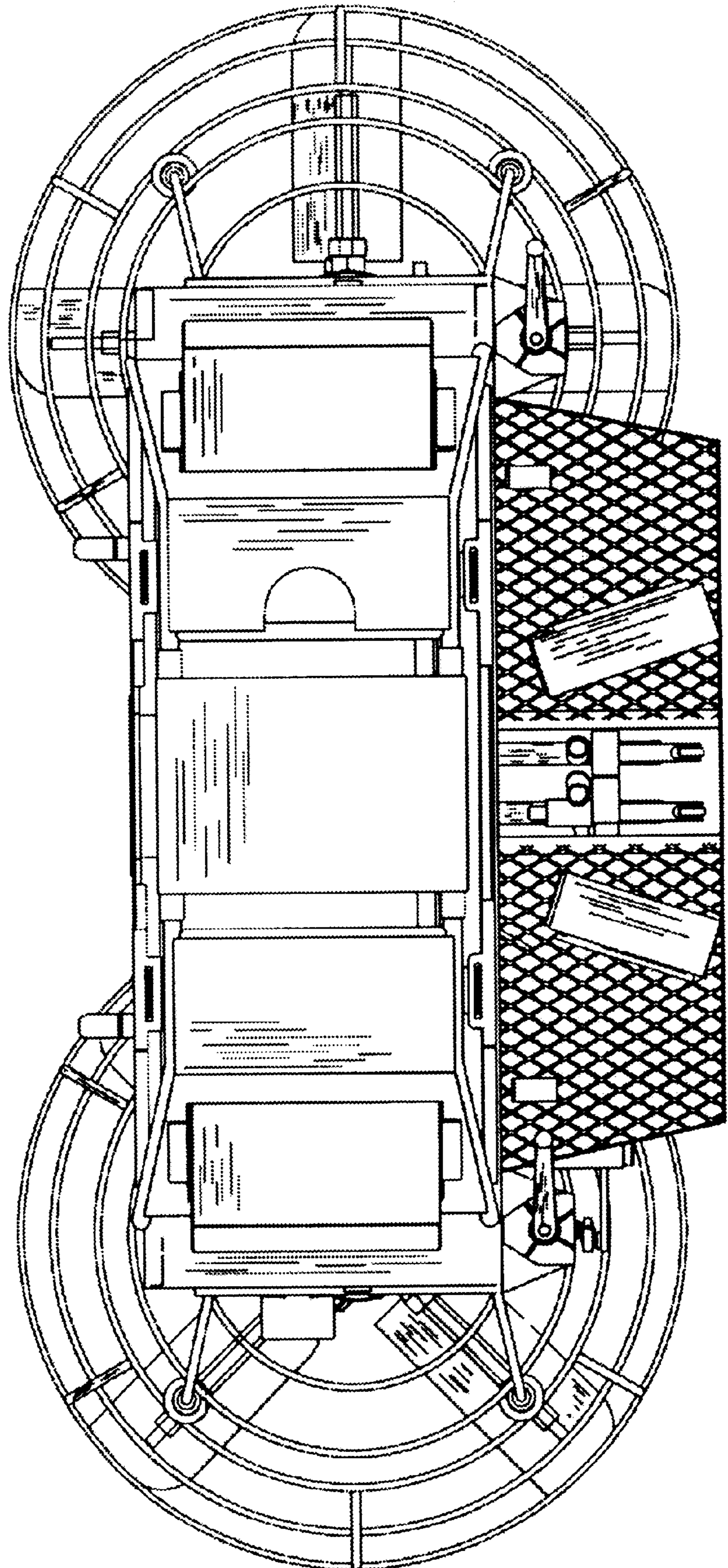


FIG. 4

FIG. 5

