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United States Patent [19]

Rademaker

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[45] **Date of Patent: ** Nov. 17, 1992**

[54] **COMBINED CEILING DIFFUSER AND AIR DEFLECTOR PENDULUM FOR PROVIDING DIFFERENT AIR FLOW PATTERNS FOR HEATING AND COOLING**

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[73] Assignee: **Hart & Cooley, Inc.,** Holland, Mich.

[**] Term: **14 Years**

[21] Appl. No.: **301,255**

[22] Filed: **Jan. 23, 1989**

[52] **U.S. Cl.** **D23/388**

[58] **Field of Search** D23/393, 392, 387, 390, D23/388, 391, 371, 370; 98/40.11

[56] **References Cited**

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[57] **CLAIM**

The ornamental design for a combined ceiling diffuser and air deflector pendulum for providing different air flow patterns for heating and cooling, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of a combined ceiling diffuser and air deflector pendulum for providing differing air flow patterns for heating and cooling showing my new design, with the air deflector pendulum in position for heating;

FIG. **2** is a top plan view thereof, with the air deflector pendulum in position for cooling;

FIG. **3** is a top plan view thereof, showing the air deflector pendulum in position for heating;

FIG. **4** is a front elevation view thereof, showing the air deflector pendulum in position for heating;

FIG. **5** is a left side elevation view thereof, showing the air deflector pendulum in position for heating;

FIG. **6** is a right side elevation view thereof, showing the air deflector pendulum in position for heating;

FIG. **7** is a bottom plan view thereof, with the air deflector pendulum in position for heating;

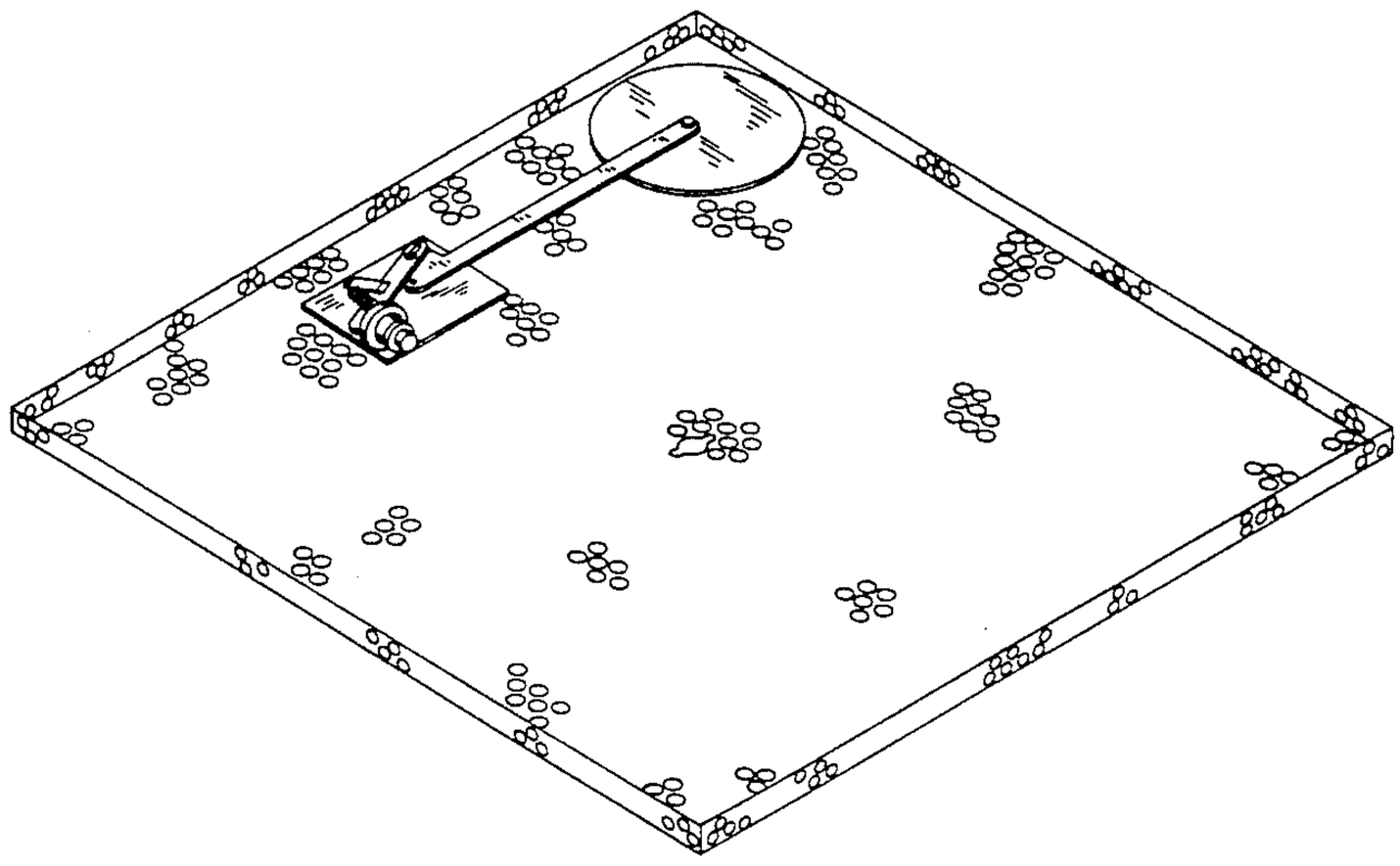
FIG. **8** is a front elevation view thereof, showing the air deflector pendulum in position for heating, with a portion of the air deflector screen lip removed to more fully show the air deflector pendulum;

FIG. **9** is a left side elevation view thereof, showing the air deflector pendulum in position for heating, with a portion of the air deflector screen lip removed to more fully show the air deflector pendulum;

FIG. **10** is a right side elevation view thereof, showing the air deflector pendulum in position for heating, with a portion of the air deflector screen lip removed to more fully show the air deflector pendulum; and,

FIG. **11** is a top perspective view of a combined ceiling diffuser and air deflector pendulum for providing differing air flow patterns for heating and cooling, showing a second embodiment of my new design, with the air deflector pendulum in position for heating, the only difference from the first embodiment residing in the rectangular appearance of the air deflector pendulum.

The pattern of holes shown partially for convenience of illustration in FIGS. **1–11** is understood to extend along the entire surface of the ceiling diffuser.



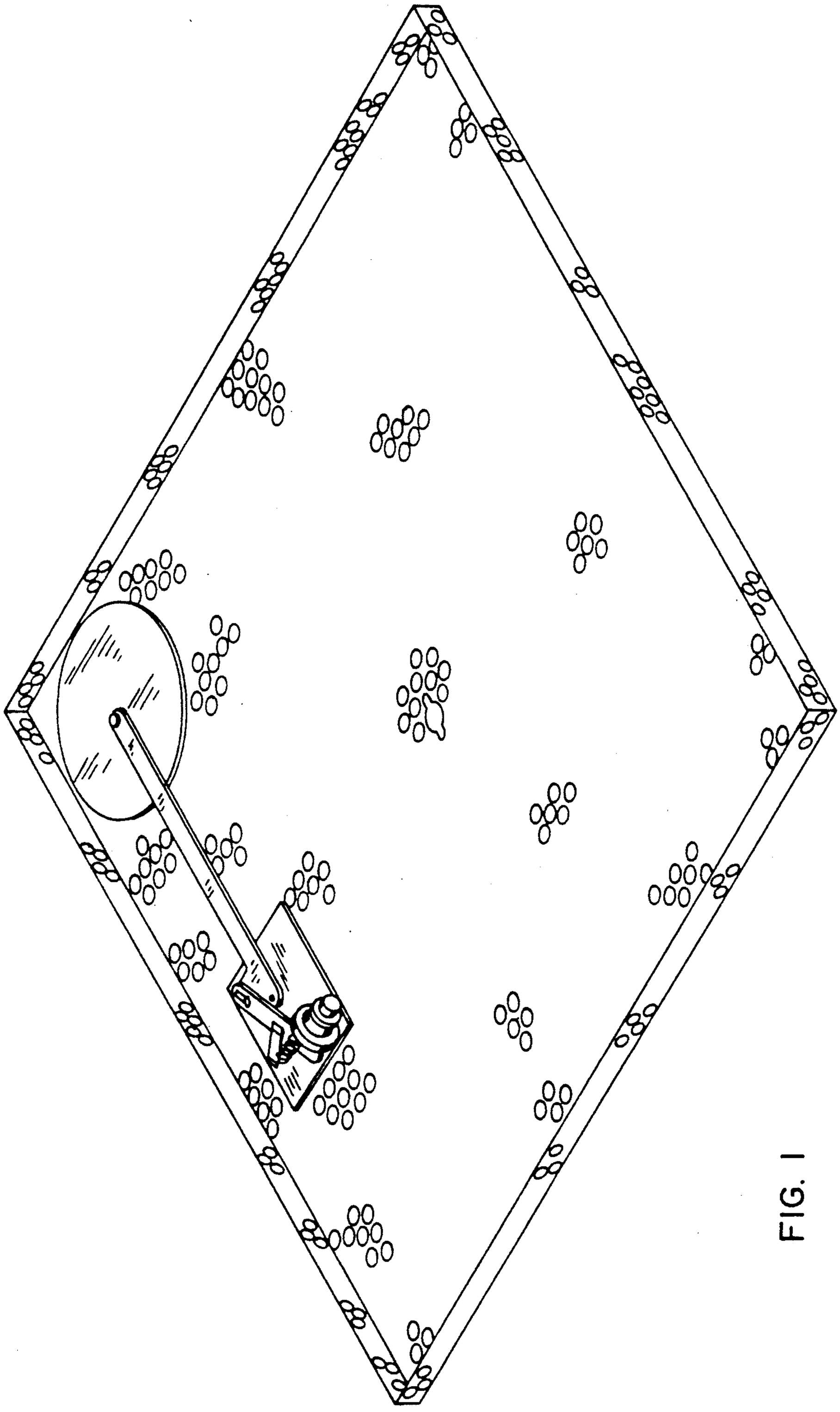


FIG. 1

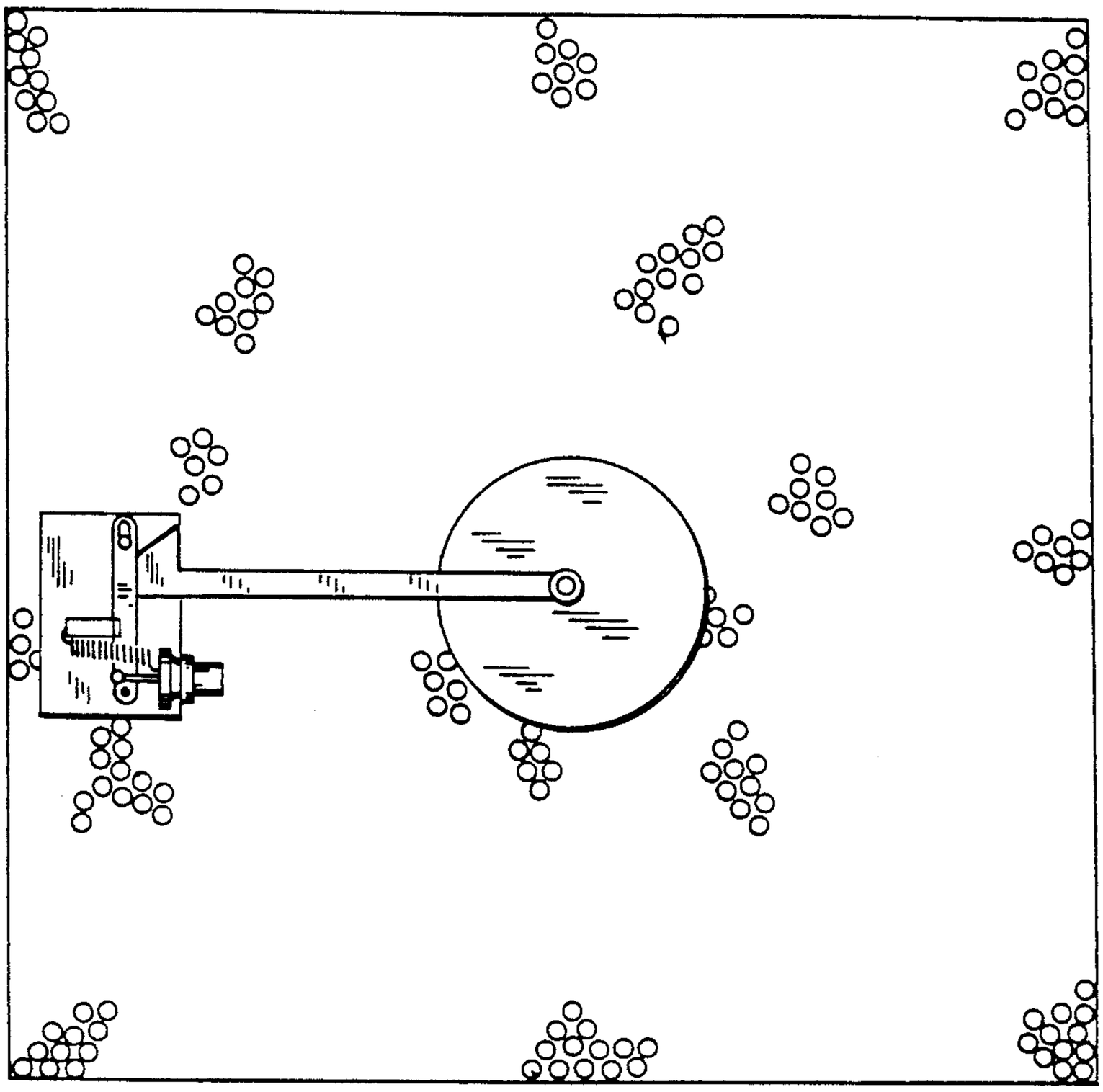


FIG. 2

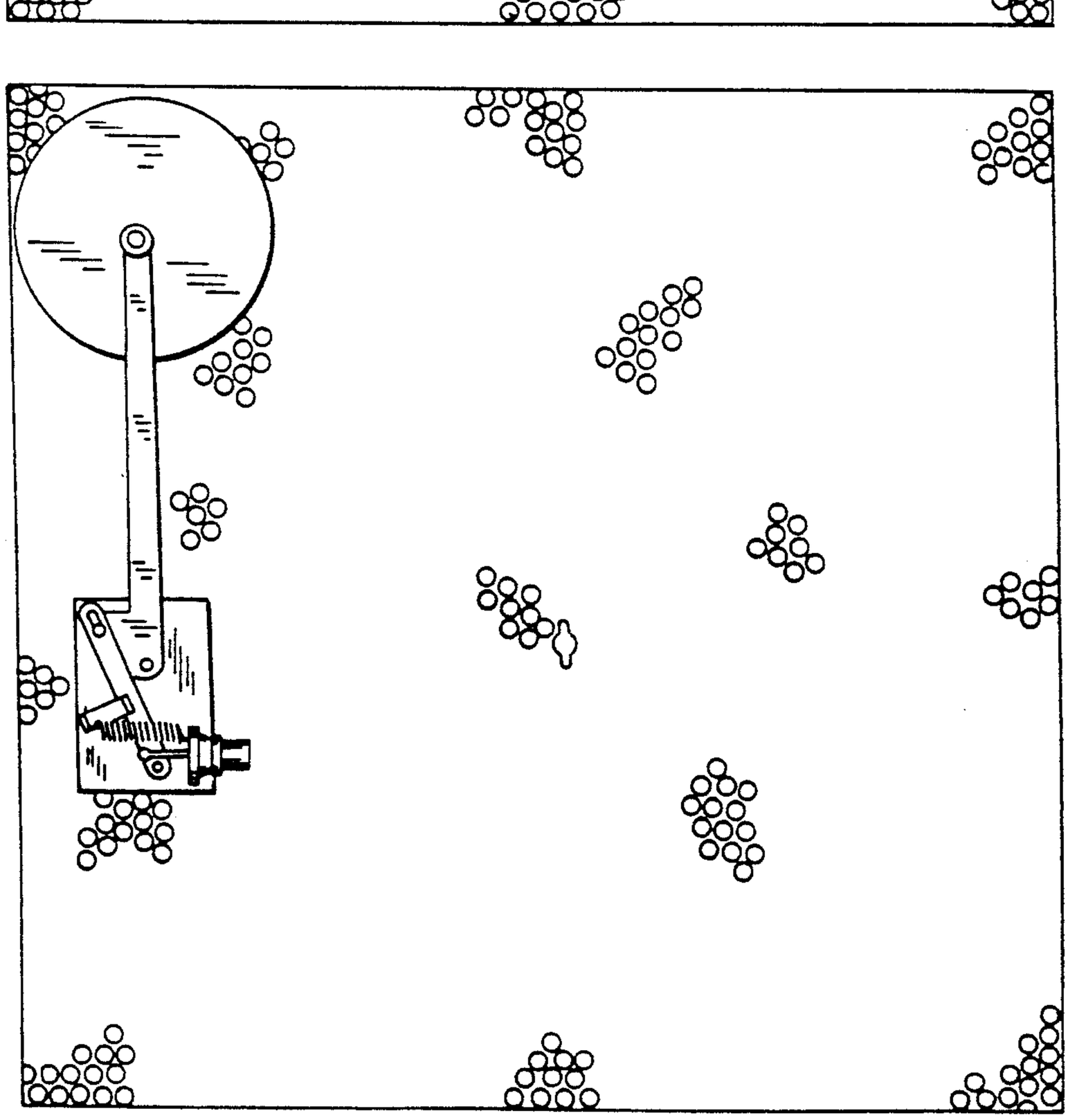


FIG. 3

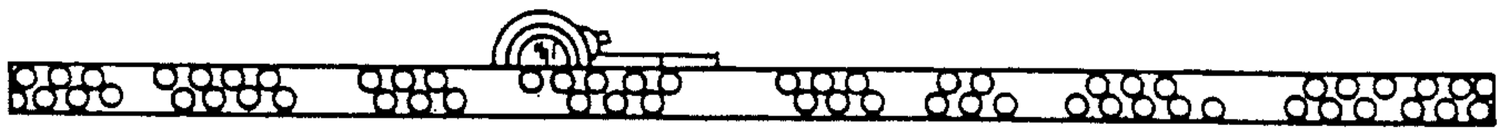


FIG. 4

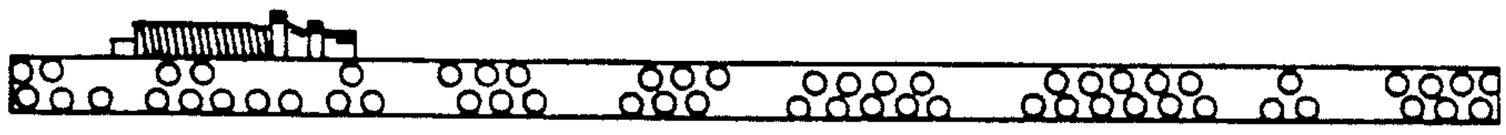


FIG. 5

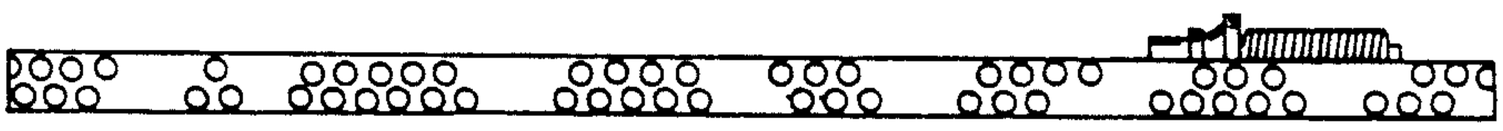


FIG. 6

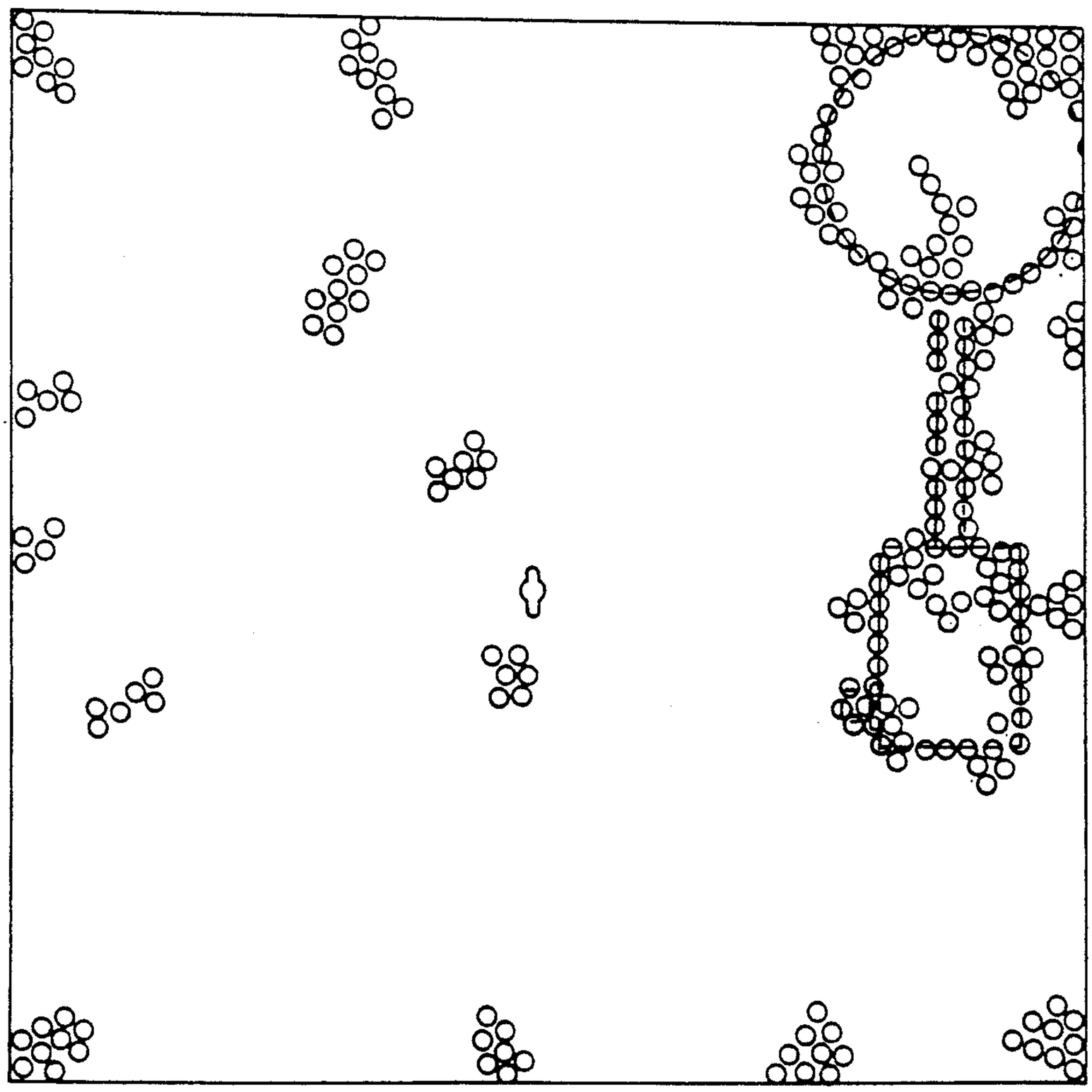


FIG. 7

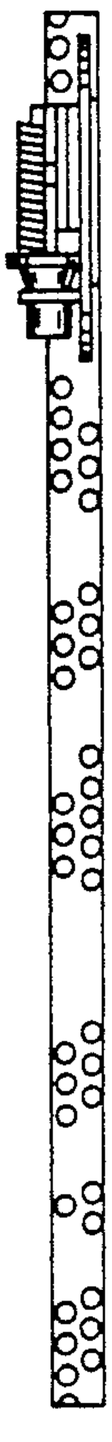


FIG. 10

FIG. 8

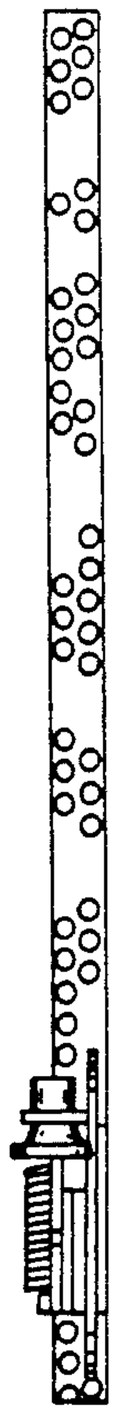


FIG. 9

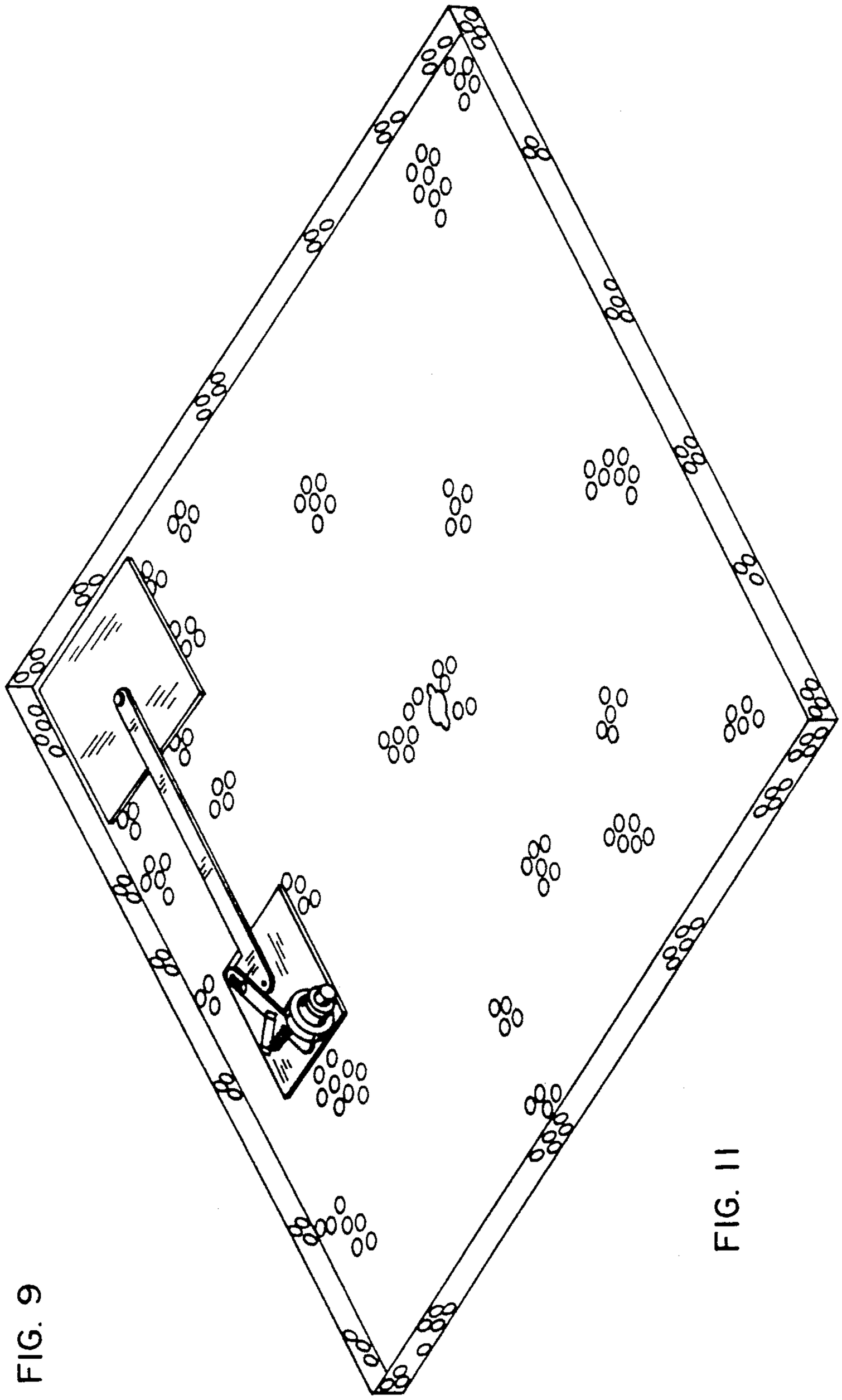


FIG. 11