

(No Model.)

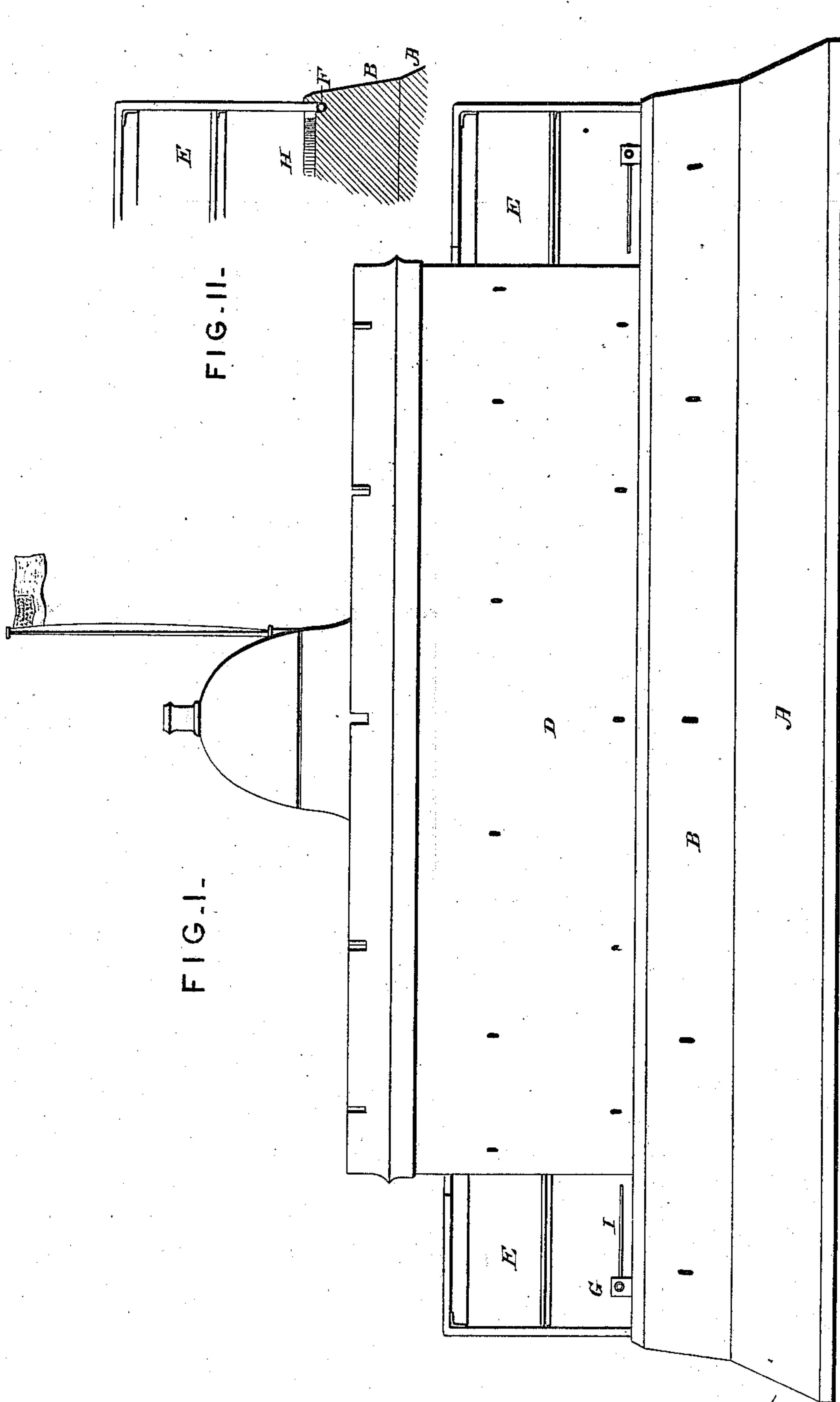
2 Sheets—Sheet 1.

T. R. TIMBY.

REVOLVING TOWER AND SHIELD SYSTEM OF FORTIFICATIONS.

No. 312,232.

Patented Feb. 10, 1885.



Attest,
Geo. T. Smallwood,
Geo. L. Wheelock

Inventor,
Theodore R. Timby
By Knight Bros. attys.

(No. Model.)

2 Sheets—Sheet 2.

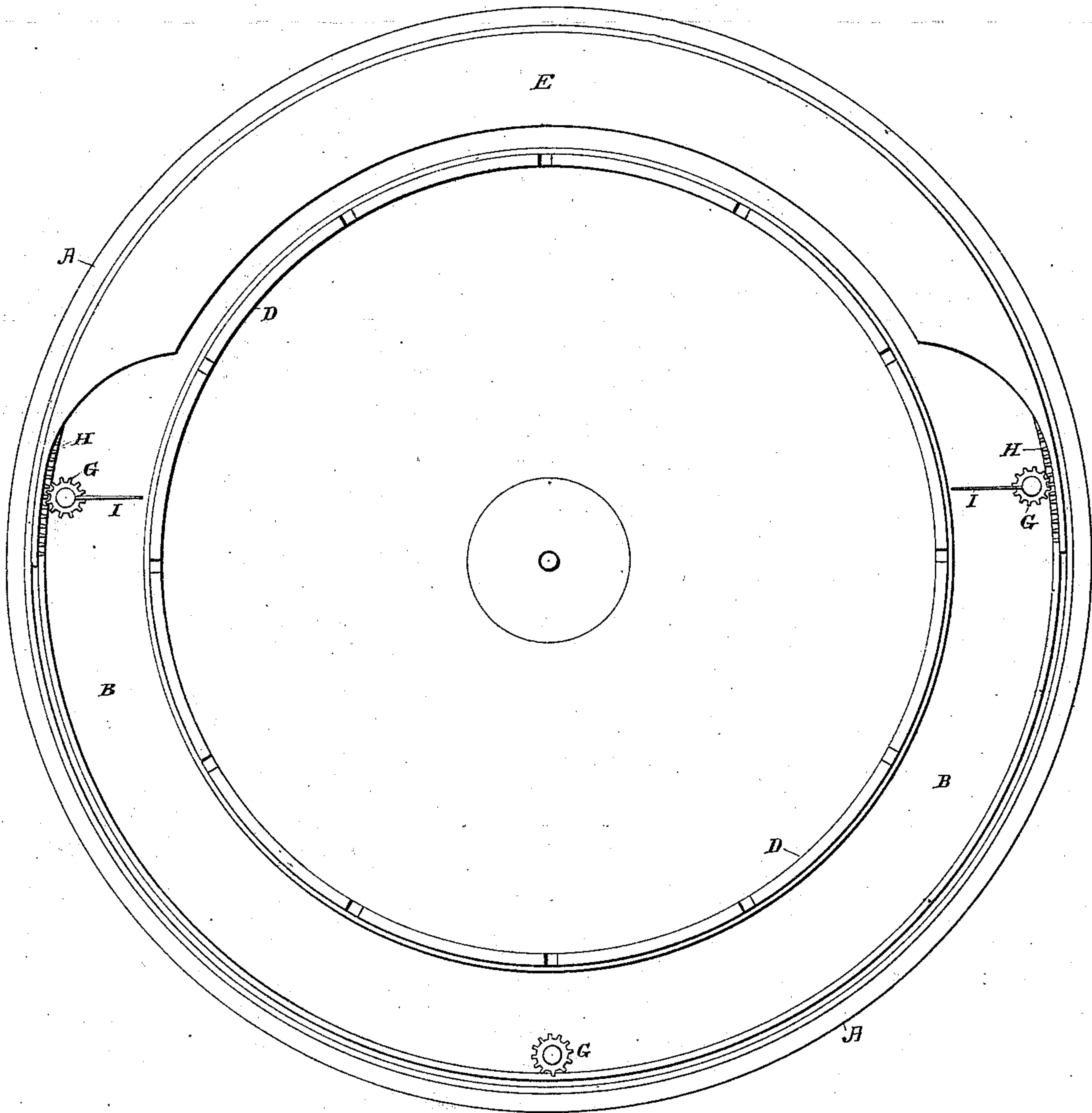
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FIG. III.



Attest:

Geo. T. Smallwood.
Geo. Wheelock

Inventor

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Attys

UNITED STATES PATENT OFFICE.

THEODORE R. TIMBY, OF NYACK, NEW YORK.

REVOLVING TOWER AND SHIELD SYSTEM OF FORTIFICATIONS.

SPECIFICATION forming part of Letters Patent No. 312,232, dated February 10, 1885.

Application filed January 3, 1885. (No model.)

To all whom it may concern:

Be it known that I, THEODORE R. TIMBY, a citizen of the United States, residing at Nyack, in the county of Rockland and State of New York, have invented a new and useful Improvement in Tower and Shield Systems of Fortifications, of which the following is a specification.

My present invention relates to a movable protecting-shield flanking a revolving or oscillating battery-tower so as to protect the said tower in any desired direction.

In another application for Letters Patent filed December 5, 1884, I described and claimed a revolving battery-tower mounted on a revolving or oscillating base and a protecting-shield, also mounted on said revolving or oscillating base, so as to be adjustable relatively to the tower by the movement of the base. Under my present invention I dispense with the revolving or oscillating base and employ a shield mounted on a stationary foundation independently of the revolving or oscillating tower and adjustable relatively thereto in such a manner as to protect or mask the tower in any direction.

In the accompanying drawings, Figure I is an elevation of a revolving tower and shield illustrating the invention. Fig. II is a detail view showing the shield resting on balls and the fixed bed in section. Fig. III is a plan.

A represents a suitable foundation, on which is built a fixed bed, B, which may be pierced for guns, as shown in Fig. I.

On the bed B is mounted a tower, D, revolved or oscillated on a vertical axis by suitable mechanism.

The adjustable shield E is supported upon balls or rollers F on the fixed bed B, and is moved around the tower to any desirable extent by suitable mechanism.

For the purpose of illustration, I have shown, for adjusting the shield, pinions G, gearing with a rack, H, on the shield and operated by movable handspikes I.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

1. The combination of a revolving or oscillating tower or battery and an independent protecting-shield adjustable relatively to said tower, substantially as herein set forth.

2. A movable shield on a stationary bed or foundation, flanking or masking a revolving or oscillating tower in any direction, substantially as set forth.

THEODORE R. TIMBY.

Witnesses:

OCTAVIUS KNIGHT,
GEO. L. WHEELLOCK.