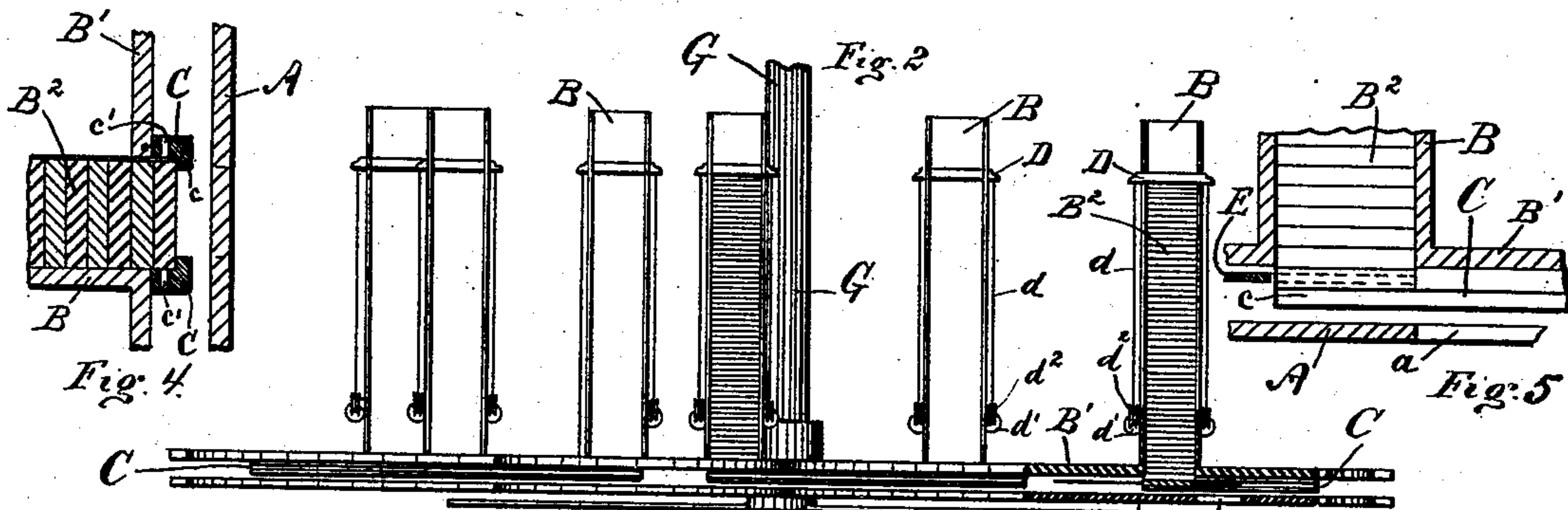
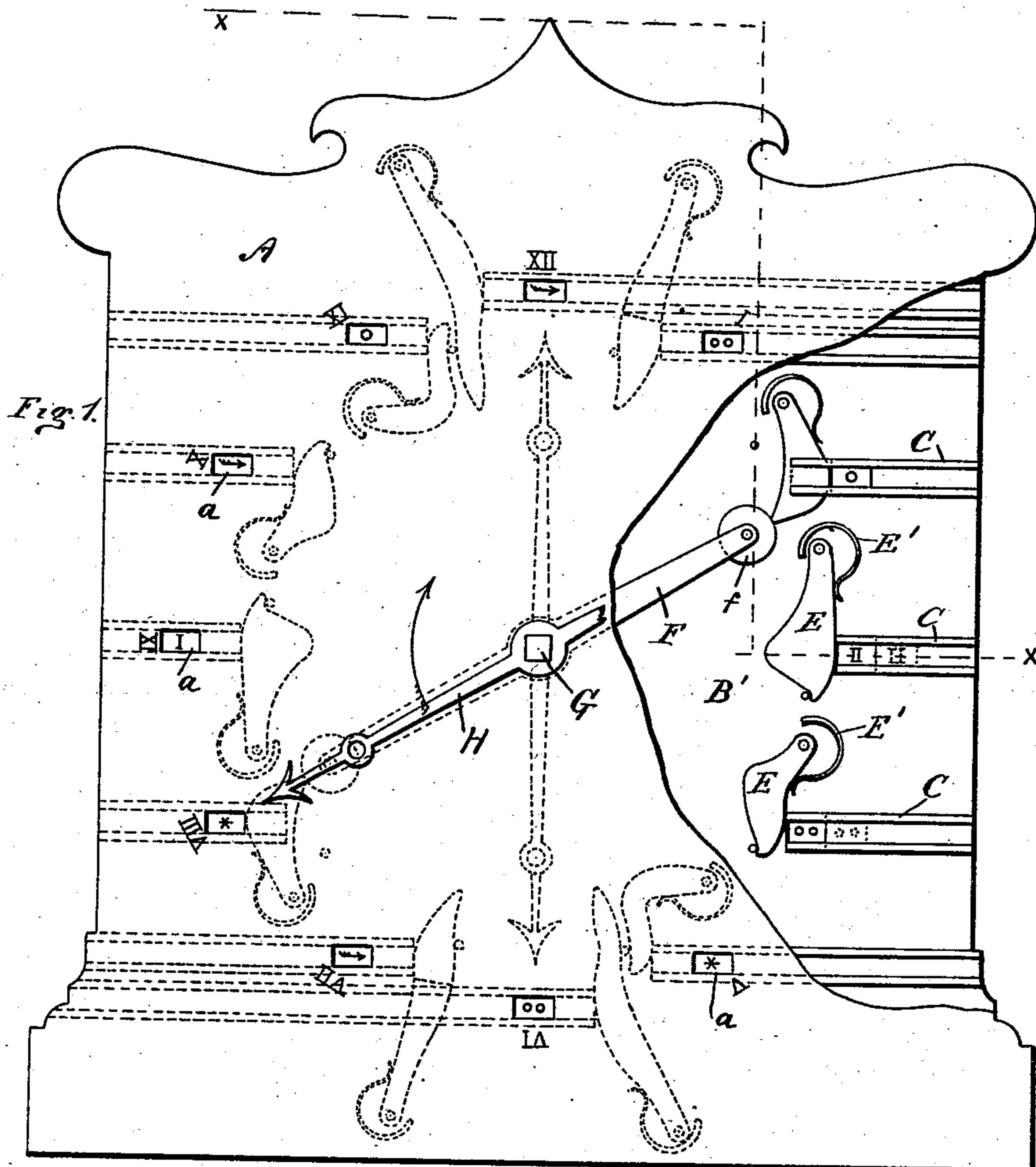


(No Model.)

W. F. C. DUNKLAU.
GAME APPARATUS.

No. 324,462.

Patented Aug. 18, 1885.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM F. C. DUNKLAU, OF CHICAGO, ILLINOIS.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 324,462, dated August 18, 1885.

Application filed December 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. C. DUNKLAU, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Game Apparatus, of which I do declare the following to be a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My present invention has relation to that class of game apparatus adapted for playing games of chance. The object of the invention is to provide apparatus by means of which the faces of a series of cards bearing any arbitrary matter thereon—such as numbers, pictures of animals, names of persons or of articles, or the like—may be successively exposed to view in such a manner that the persons playing the game may guess at the characters or values of the cards before they are displayed. This object of invention I have accomplished by the mechanism hereinafter described, illustrated in the accompanying drawings, and particularly defined as to its novel features in the claims at the end of this specification.

Figure 1 is a view in front elevation of my improved apparatus, a portion of the main face-plate being broken away for the purpose of better illustration. Fig. 2 is a plan view, partly in section, on line *x x* of Fig. 1. Fig. 3 is a detail view in horizontal section, showing the manner of connecting the discharge-arm and indicator-pointer to the rotating shaft. Fig. 4 is an enlarged detail view in vertical section of the front portion of a card-receptacle and the main face-plate opposite thereto. Fig. 5 is an enlarged detail view in horizontal section, similar to figure 4.

Like letters of reference denote corresponding parts in the several views of the drawings.

A designates the main face-plate of the apparatus, in which plate are formed the sight-openings *a*, arranged preferably in circular order and marked with suitable distinguishing figures, as shown. Behind, and preferably at one side of each of these sight-openings, is placed a card-receptacle, B, supported by the main back plate, B', and having at its front the open guideways C, against the flanges *c* of which the cards B² will be constantly forced by

means of a suitable follower, D. This follower D, as seen in the sectional portion of Fig. 2, extends horizontally through slots in the card-receptacle, and to its ends are connected the cards *d*, carrying weights *d'*, and passing over pulleys *d''*. It will be readily understood, however, that any other convenient form of spring acting or weighted follower may be employed, or the card-receptacles may be set upon such inclination as to force the cards constantly toward the front of the receptacle.

The guideways are provided at their inner ends with the narrow slots *c'*, adapted to admit the discharge-plates E, which serve to move the cards outwardly along the guideways and in front of the sight-openings of the main face-plate. The discharge-plates E are preferably pivotally sustained on the main back plate, B', and are held normally out of action by the springs E' until moved forward by the friction-wheel *f* on the end of the rotating discharge-arm F, the edges of the discharge-plates being made cam-shaped, so as to be properly struck by the wheel as the arm rotates. The discharge-arm F moves between the main face and back plates, is keyed to the squared end of the rotating shaft G, and, as seen in the drawings, is provided at each of its ends with a friction-wheel for striking the discharge-plates. It will be understood, however, that the discharge-arm need not be double, as shown, and, if desired, may be so extended as to directly strike and move the cards without the intervention of the discharge-plates.

On the extreme end of the shaft G is keyed the indicator-pointer H, which moves in unison with the discharge-arm and shows to the player its position and movement. This pointer will be single or double, according to the construction of the discharge-arm.

The shaft G may be rotated, preferably with intermittent motion, in any suitable manner, as by clock-work or a hand-crank.

From the foregoing description the operation of the apparatus will be seen to be substantially as follows: Movement being imparted to the rotating shaft the discharge-arm successively strikes the discharge-plates and causes each in turn to move a card in front of its corresponding sight-opening, the indicator-pointer at the same time attracting the eye of

the player to the movements of the cards. Each receptacle will contain a variety of cards, and, as already stated, the game will consist in guessing the character, name, or number that will be displayed by the cards next to be moved before the side openings. It will be readily understood that the game apparatus may be used in a variety of ways, and that the details of construction may be varied within wide limits without departing from the spirit of the invention.

I am aware that it has been heretofore proposed to construct a card or coin holder with a series of pockets having followers and slides for ejecting the cards or coins, and to such construction I do not wish to be understood as making any claim.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In game apparatus, the combination, with a series of card-receptacles, of a rotating discharge-arm for moving the cards successively from the receptacles, substantially as described.

2. In game apparatus, the combination, with a series of card-receptacles, of a series of discharge-plates for moving the cards, and a rotating discharge-arm for operating the discharge-plates, substantially as described.

3. In game apparatus, the combination, with a series of card-receptacles having followers for forcing the cards to the fronts of the receptacles, of discharge-plates for moving the cards from the receptacles, and a rotating discharge-arm for operating the discharge-plates, substantially as described.

4. In game apparatus, the combination, with a series of card-receptacles provided with followers for forcing the cards to the front of the receptacles, of the guideways at the ends of the receptacles, the discharge-plates, and the rotating discharge-arm, substantially as described.

5. In game apparatus, the combination, with the series of card-receptacles provided with followers for forcing the cards to the front of the receptacles, of spring-acting discharge-plates, and a rotating discharge-arm for operating said plates, substantially as described.

6. In game apparatus, the combination, with the series of card-receptacles having followers to force forward the cards, the guideways at the fronts of said receptacles, the discharge-plates, the rotating discharge-arm, and the driving-shaft for said arm, substantially as described.

7. In game apparatus, the combination, with the main face-plate having sight-openings therein, of a series of card-receptacles arranged in circular order, and a rotating discharge-arm for successively moving the cards in front of the sight-openings, substantially as described.

8. In game apparatus, the combination, with the series of card-receptacles arranged in circular order, of the pivoted spring-acting discharge-plates having cam-shaped edges, and a rotating discharge-arm for operating said discharge-plates, substantially as described.

9. In game apparatus, the combination, with the series of card-receptacles arranged in circular order, of a rotating discharge-arm and rotating indicator-pointer, arranged to move with said discharge-arm, substantially as described.

10. In game apparatus, the combination, with the main face-plate having sight-openings therein, of the series of card-receptacles arranged in circular order, the discharge-plates, the discharge-arm, the indicator-pointer, and the rotating shaft, substantially as described.

In testimony whereof I have hereunto set my hand this 18th day of December, 1884.

WILLIAM F. C. DUNKLAU.

Witnesses:

GEO. P. FISHER, Jr.,

JAMES H. PEIRCE.