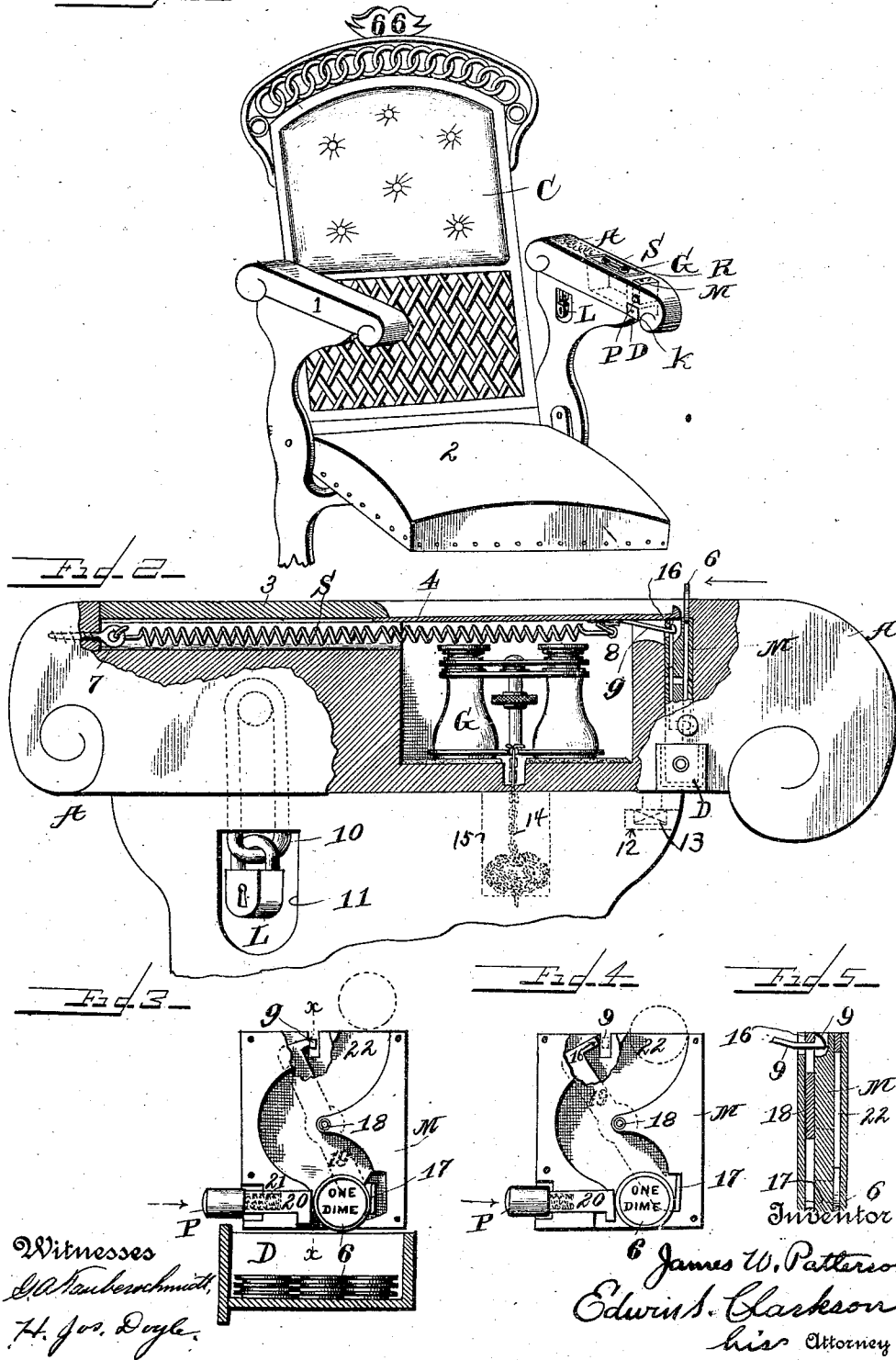


(No Model.)

J. W. PATTERSON.
AUDITORIUM CHAIR.

No. 488,533.

Patented Dec. 20, 1892.



UNITED STATES PATENT OFFICE.

JAMES WILLIAM PATTERSON, OF NEW YORK, N. Y.

AUDITORIUM-CHAIR.

SPECIFICATION forming part of Letters Patent No. 488,533, dated December 20, 1892.

Application filed June 17, 1890. Serial No. 355,764. (No model.)

To all whom it may concern:

Be it known that I, JAMES WILLIAM PATTERSON, a subject of the Queen of Great Britain, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Auditorium-Chairs, of which the following is a specification.

This invention although applicable in part at least to other purposes, relates particularly to auditorium chairs, as used in theaters, churches, assembly halls, &c.

The main purposes of the invention are to provide a coin controlled receptacle built in, and combined with the arm pad of the auditorium chair.

The advantage of this improvement over the method now in use of adapting the receptacle to the back of the auditorium chair, lies mainly in the removal of the obstruction which such device causes to the free circulation of persons passing in and out of the rows of seats.

In cases where the object containing the receptacle is secured to the same by means of a chain, or other attachment, as for instance in cases where opera glasses, fans, and other similar articles are rented, it will also be seen that by having the receptacle combined with the arm pad, the chain will hang on the side of the party using the device, and it will be unnecessary to place the rented article in the receptacle to permit the free circulation of parties going to and from their seats. In this improvement I also provide a receptacle for the chain which may be used in conjunction with the device for the purpose of securing the rented article.

This invention consists: first: in the combination of the arm pad of an auditorium chair with a coin controlled receptacle built therein and forming part thereof. Second: in the combination with an arm pad of a receptacle having a spring actuated lid, sliding in guides under the top part of the arm cap. Thirdly: In the coin lock having a passive lever or bolt placed behind the coin chute, projecting through the slot provided at the bottom of the coin slide, said projection being in the path of the coin, as shown in Figs. 3 and 4, and

adapted to be moved by the insertion of a coin and the manipulation of the push button as shown in the drawings.

Reference being had to the drawings which form part of this specification, the invention is seen illustrated as applied to the renting of opera glasses.

Figure 1 is the perspective view of an auditorium chair with my improvement attached to the left arm of the chair. Fig. 2 is the side view of my improvement with section of coin lock. Fig. 3 shows the coin lock with front plate removed, and the lever in the locked position. Fig. 4 shows the coin lock with the front plate removed, and the lever in the unlocked position. Fig. 5 is a section of the coin lock on the line *xx* of Fig. 3.

In the construction shown A is the arm pad of the auditorium chair C.

R is the receptacle for the opera glasses attached to chain 14, contained in chain receptacle 15.

4 is the sliding lid having a catch 9 into which the hook end 16 of lever 19 engages when in the locked position.

S is a tension spring having a tendency to throw back the sliding lid.

D is the coin receptacle into which the coin falls after having performed its function.

G is an opera glass attached to the receptacle by means of the chain or flexible cord 14.

K is an ornamental scroll in the front part of the arm pad A.

N is the coin controlled lock.

1 is an ordinary arm cap as usually used for auditorium chairs.

2 is the seat of the chair.

3 is the top part of the arm cap under which slides the lid 4.

7 is a screw fastening the coil spring S to the arm cap.

8 is the other end of coil spring S, attached to the sliding lid 4.

18 is a bolt on which lever 19 is pivoted.

21 is a coil spring which serves to throw back the push button P after each operation.

In Fig. 2, I show my improved means for attaching the arm pad to the chair by means of slots or apertures 11 and 12, of link 10 and bolt 13 which are firmly fastened to the arm

cap and padlock L engaging into link 10 and firmly locking the arm pad to the casting of the chair.

When it is desired to use the glasses a coin (6) is inserted into the coin chute 22 and falls between the part 20 of push button P and the projection 17 of lever 19. By then manipulating the push button P, the coin will act on the lever 19, and change its position until the hook 16 of the lever is disengaged from the catch 9 of lid 4. On the release of the push button the coin will fall through into the receptacle D and the slide 4 actuated by the spring S will slide into the back part of the arm pad and expose the glasses to view.

In the drawings as in the specifications various details in the construction of the device are shown to enable others to make the invention. However the invention is not restricted to but these details, as it is evident that these may be changed without departing from the spirit of my invention.

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

1. In a chair the combination with an arm pad, of a receptacle, a sliding lid, a spring tending to throw back the lid, and a coin controlled mechanism for said lid.
2. In a chair, the combination, with the arm pad of a receptacle adapted to be opened by a coin and nonrelockable in reference to the user.
3. In a chair, the combination, with the arm cap of a receptacle, a lid to close said receptacle, a locking bolt or lever adapted to engage the hasp on the lid, and means to force

the locking bolt or lever in the open position after the insertion of a coin.

4. In a coin actuated lock the combination with the coin slide of a locking lever or bolt located directly behind the coin slide, said locking lever or bolt having a bent end projecting into the coin slide and adapted to engage with the coin and to be moved in the unlocked position by the thrust of the coin.

5. In a chair an arm cap with a cavity in the front part of the arm cap to hold an object to be rented or vended, said arm cap having a recess in the back part to receive a sliding lid and a groove for the insertion of a spring, a spring tending to open the lid, and a coin controlled lock with a locking bolt or lever adapted to engage with the hasp on the lid, and means to disconnect the lid from the locking bolt or lever after the insertion of a coin as described.

6. In a chair the combination with the arm pad of a receptacle having a sliding lid and a spring tending to throw back the lid substantially as described.

7. In a chair the combination with the arm pad of a receptacle a sliding lid, a spring tending to throw back the lid and a coin controlled locking mechanism substantially as described.

Signed at New York, in the county of New York and State of New York, this 14th day of June, A. D. 1890.

JAMES WILLIAM PATTERSON.

Witnesses:

WM. J. HOWEY,

CHARLES S. PATTERSON.