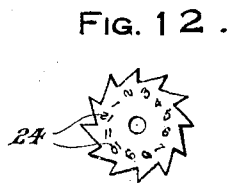
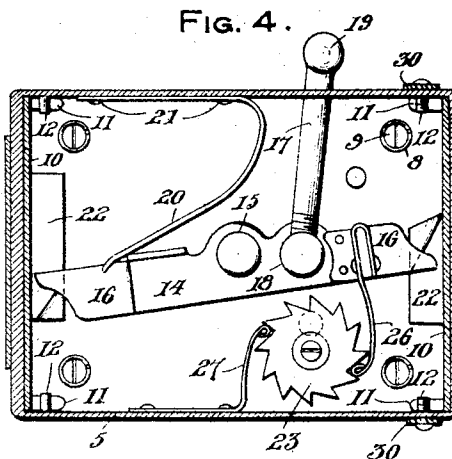
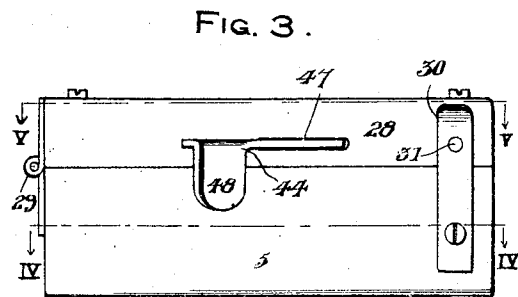
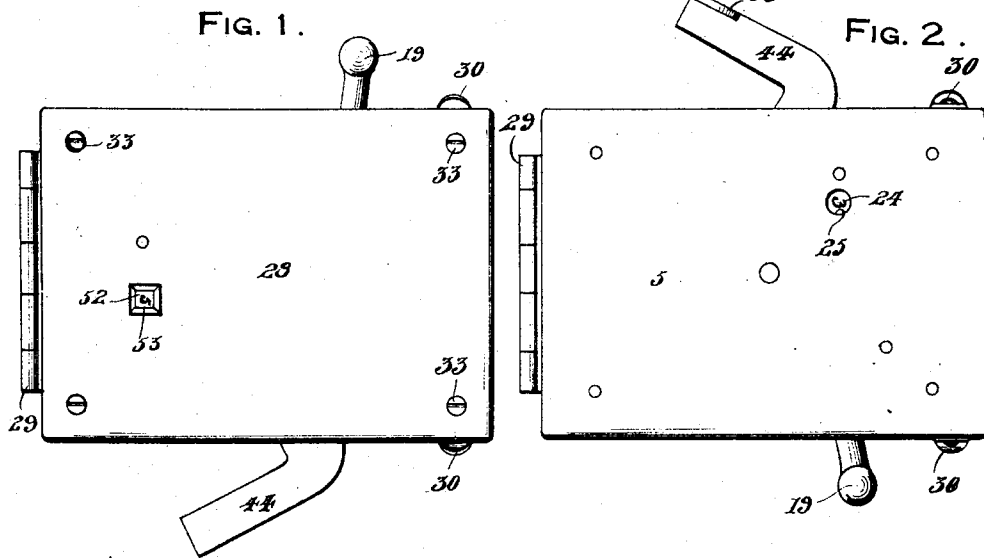


1.366,264.

Patented Jan. 18, 1921.

2 SHEETS—SHEET 1.



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1,366,264.

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2 SHEETS—SHEET 2.

FIG. 5.

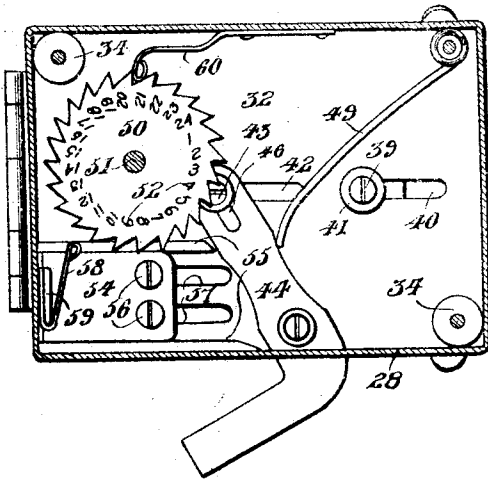


FIG. 7.

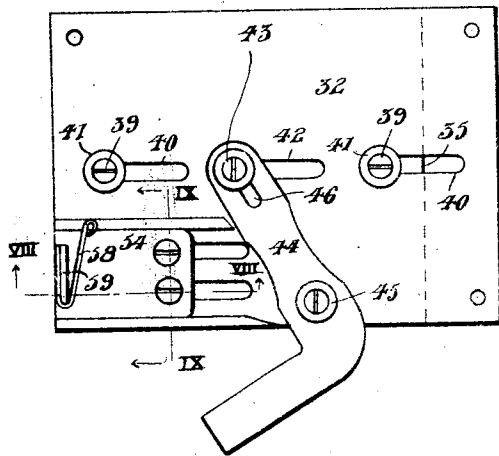


FIG. 8.

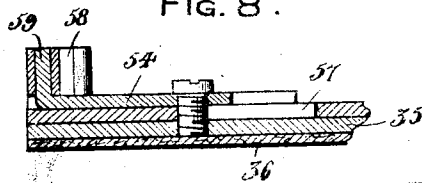


FIG. 6.

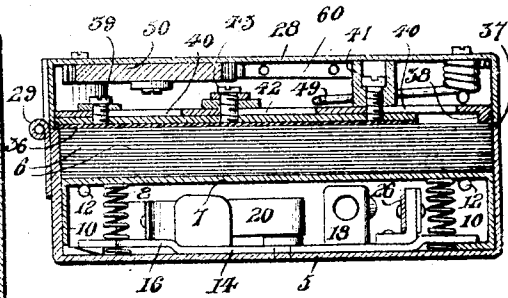


FIG. 10.

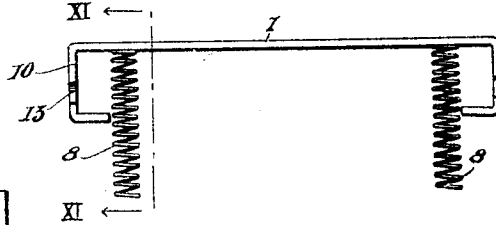


FIG. 11.

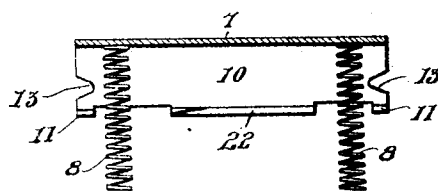
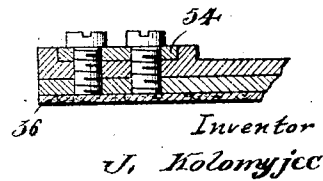


FIG. 9.



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UNITED STATES PATENT OFFICE.

JOSEPH KOLOMYJEC, OF DETROIT, MICHIGAN.

CARD-GAME ACCESSORY.

1,366,264.

Specification of Letters Patent.

Patented Jan. 18, 1921.

Application filed April 29, 1920. Serial No. 377,523.

To all whom it may concern:

Be it known that I, JOSEPH KOLOMYJEC, a citizen of Poland, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Card-Game Accessories, of which the following is a specification.

This invention relates to certain new and useful improvements in card game accessories and has more particular reference to an improved device adapted for employment in connection with the playing of card games so as to enable the players to readily keep a record of the number of hands which have been dealt for a given period of play as well as to provide an effective means for dealing the cards one at a time to the players and to simultaneously register each card as it is dealt so as to enable the dealer to accurately deal the required number of cards to each player for avoiding mis-deal.

In carrying out the above, I provide a device which, broadly stated, comprises a suitable receptacle for the cards having a hinged closure and a depressible delivering or follower plate, means being provided for retaining the follower plate depressed upon the insertion of cards within the receptacle and for simultaneously registering when the cards are placed therein each time. The invention further includes means for releasing the follower plate when the receptacle has been closed, and means carried by the cover of the receptacle operable to eject the cards one at a time from the receptacle as said cards are fed upwardly by the follower plate, and to simultaneously register each card as it is ejected from the receptacle.

With the above general objects in view and others that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter fully described, shown in the accompanying drawings and claimed.

In the drawings, wherein the preferable embodiment of the invention is illustrated, and wherein like reference characters indicate corresponding parts through the several views.

Figure 1 is a top plan view of a card game accessory constructed in accordance with the present invention.

Fig. 2 is a bottom plan view thereof,

Fig. 3 is a side elevational view of the same,

Fig. 4 is a horizontal sectional view taken substantially upon line IV—IV of Fig. 3,

Fig. 5 is a view similar to Fig. 4 taken substantially upon line V—V of Fig. 3,

Fig. 6 is a vertical substantially central longitudinal sectional view of the device shown in Fig. 1,

Fig. 7 is a top plan view of the ejector slide-carrying plate and associated parts detached,

Fig. 8 is a fragmentary sectional view drawn on a large scale and taken substantially upon line VIII—VIII of Fig. 7,

Fig. 9 is a view similar to Fig. 8 taken substantially upon line IX—IX of Fig. 7,

Fig. 10 is a side elevational view of the follower plate and the actuating springs thereof.

Fig. 11 is a sectional view taken substantially upon line XI—XI of Fig. 10, and

Fig. 12 is a top plan view of the combined ratchet wheel and indicator disk which shows the number of deals which have been made.

Referring more in detail to the several views, the present invention embodies a suitable receptacle 5 which is preferably rectangular in plan and of such size as to snugly receive a deck of cards 6 (see Fig. 6) when placed therein. A flat follower plate 7 of about the same size as the card is loosely arranged within the receptacle 5 for sliding movement upwardly and downwardly therein, and a helical compression spring 8 is attached to the follower plate 7 at each corner thereof so as to normally urge the follower plate upwardly for a purpose which will presently become apparent, the lower ends of the spring 8 being anchored to the bottom wall of the receptacle 5 by means of screws 9 or the like as is clearly shown in Fig. 4. The upper ends of the spring 8 may be soldered or otherwise fastened to the follower plate so as to insure durability of the construction and retention of the various parts in their proper relation. The ends of the follower plate 7 are bent at right angles to the body thereof to provide depending end flanges 10 disposed in flat engagement with the front and rear walls of the receptacle 5 as is shown in Fig. 6, and inwardly extending corner lugs 11 are provided on the lower edges of the flanges 10 so as to cooperate with suitable stop lugs 12 provided upon the sides of the receptacle 5 for limiting the upward movement of the follower

plate 7. The flanges 10 are provided with end notches 13 so as to permit ready insertion of the follower plate even though one pair of the stop lugs 12 are permanent with the receptacle 5. In other words, the stop lugs 12 at the rear of the receptacle may be permanently fixed thereto while those at the forward end may be removable because of the provision of the notches 13, as the follower plate 7 can be inserted at its rear end so that the lugs 12 at this point pass the flange 10 and lie inwardly of the same above the lugs 11 when the follower plate is fully inserted. The removable stop lugs 12 may then be inserted for limiting the upward movement of the follower plate at both ends.

A lever 14 is pivotally mounted between its ends as at 15 within the receptacle 5 and substantially centrally upon the bottom wall of the latter as is clearly shown in Fig. 4, and the opposite ends of the lever 14 are upwardly offset as at 16. A push rod 17 is pivotally attached as at 18 to the lever 14 at one side of the pivot 15, and this push rod slidably extends through a suitable opening provided in one side wall of the receptacle 5, the push rod 17 having a finger piece or knob 19 upon the outer free end thereof exteriorly of the receptacle whereby the operator may actuate the push rod for swinging the lever 14. A leaf spring 20 engages the lever 14 at that side of the pivot 15 which is opposite to the joint of connection of the push rod 17 with the lever, and said spring 20 is fastened to the receptacle as at 21 and is so proportioned as to normally swing the lever 14 to a position diagonal of the receptacle with the offset ends 16 disengaged from the inwardly extending ledges 22 which are provided substantially centrally upon the lower edges of the follower plate flanges 10. A combined ratchet wheel and indicator disk 23 is rotatably mounted within the receptacle 5 upon the upper face of the bottom wall of the latter and has a plurality of progressing numerals 24 upon the under face thereof adapted to be successively exposed through the aperture 25 provided in the bottom wall of the receptacle 5 as seen in Fig. 2. A yieldable pawl 26 is fastened to one end of the lever 14 adjacent the push rod 17 and extends in a direction away from the latter so that its free end operatively engages the teeth of the ratchet wheel 23 as shown in Fig. 4. It will thus be seen that when the follower plate 7 is released the same may be depressed when a pack of cards is placed thereon, against the action of the springs 8, and the push rod 17 may then be forced inwardly against the action of the spring 20 for causing the ends of the lever 14 to overlie the ledges or flanges 22 so as to retain the follower plate lowered. Upon this inward movement of the push rod 17 the pawl 26 causes a partial rotation of the

disk 23 so as to expose the next number thereon through the aperture or opening 25. The receptacle 5 is provided with a second pawl 27 which engages the teeth of the ratchet wheel 23 so as to prevent retrograde movement of the latter. The reason for retaining the follower plate 7 lowered upon the insertion of the deck of cards is to prevent the latter from being ejected while the receptacle is open, it being the intention of the invention to only release the push rod 17 after the receptacle has been closed when the follower plate may then be free to move upwardly. It will thus be seen that efficient means is provided for indicating each time the deck of cards is placed in the receptacle for dealing so that the players may have a record of the number of deals made during a given period of play, while at the same time, means is operated to retain the follower plate lowered until the receptacle has been closed for insuring against undesirable displacement of the cards from the casing or receptacle.

The cover 28 of the receptacle 5 is substantially of the same form as the latter although of slightly less depth, and the same is hingedly connected to the receptacle 5 at its rear end as at 29 whereby the cover may be readily swung to open or closed position. Suitable catches or like latching devices 30 may be provided for retaining the cover 28 closed, the same being illustrated herein as spring plates apertured for reception of lugs 31, the lugs being carried by the sides of the cover 28, and the plates being fastened to the sides of the receptacle 5.

The receptacle cover 28 is provided with a removable bottom wall comprising a plate 32 which is fastened to the top wall of the cover by any suitable means such as stud screws 33, suitable sleeves 34 being disposed on the shanks of the latter so as to maintain the plate 32 in proper spaced relation to the top wall of the cover 28. A card ejecting slide 35 comprising a flat metal plate provided with a friction member 36 upon its under surface, is slidably disposed for forward and backward movements against the under surface of the plate 32, the member 36 of the ejector slide being preferably of textile fabric or the like so as to insure forward movement of the top card of the deck when the ejector plate is moved forward by a means to be presently described, the ejected cards being those projected partially through a slot 37 formed by cutting away the meeting edges of the front walls of the receptacle 5 and the cover 28. The ejector slide-carrying plate 32 is preferably provided with a depending rib 38 at its forward edge arranged to bear upon the cards and to insure proper registration of the uppermost card with the slot 37 so that no interference will be presented to the ejection

of the card. The ejector slide 35 is preferably slidably connected to the plate 32 by means of stud screws 39 which pass through longitudinal elongated slots 40 provided in the plate 32 and are threaded into the slide 35, suitable washers 41 being placed upon the shanks of the screws 39 so as to prevent the screws from passing through the slots 40, and the forward washer 41 being enlarged so as to bear upon the under surface of the top wall of the cover 28 as shown in Fig. 6 and thereby insure against vibration of the slide when moved, *i. e.*, to steady the same. A further longitudinal elongated slot 42 is provided in the plate 32 between the two slots 40, and another stud screw 43 passes through the slot 42 and is threaded into the ejector slide 35. An angular lever 44 is pivoted as at 45 to the plate 32 adjacent one edge of the latter, and the inner end of one arm of this lever is provided with a longitudinal elongated slot 46 through which the screw 43 also extends so as to provide a sliding and pivotal connection between said lever 44 and the ejector slide 35. The other end of the lever extends through an elongated slot 47 provided in the adjacent side wall of the cover 28 and is provided upon its outer free end exteriorly of the cover with a depending lug 48 forming a finger piece whereby the lever may be manually pressed for swinging about the pivot 45 so as to cause forward movement of the ejector 35, the latter being normally maintained in a rearward position by a spring 49 suitably anchored to the cover 28 and having a free end bearing against the inner arm of the lever 44.

Another combined ratchet wheel and indicator disk 50 is rotatably mounted against the under surface of the top wall of the cover 28 upon a stud 51, and the progressing marginal numerals 52 upon the disk 50 are so arranged as to be successively exposed through the opening or aperture 53 provided in the top wall of the covering 28. A small rectangular plate or slide 54 is slidably disposed upon the upper surface of the plate 32 at one side of the ratchet wheel 50 and between a pair of guide ribs 55 provided on the plate 32. The slide 54 is connected with the ejector slide 35 by means of stud screws 56 which extend through a further pair of longitudinal elongated slots 57 provided in the plate 32 and enter the ejector slide 35. The slide 54 is thus caused to reciprocate forwardly and backwardly whenever the ejector slide is reciprocated by actuating the lever 44, and a spring pawl 58 is fastened to an upstanding lug 59 provided on the slide 54 so that the free end of said pawl is arranged to engage the teeth of the ratchet wheel 50 upon forward movement of the slide 54 so as to cause a partial rotation of

the ratchet wheel 50 at which time the ejector slide is moved forward, the pawl being effective for rotating the ratchet wheel 50 such distance upon each forward movement as to bring the next succeeding numeral upon the ratchet wheel into view at the opening 53. A spring pawl 60 is fastened to the cover 28 and engages the ratchet wheel 50 so as to prevent retrograde movement of the latter. It will thus be seen that a thoroughly practical and simple means is provided for delivering cards one at a time through the slot 37 and for simultaneously registering the cards as they are delivered so that the dealer may accurately deal the cards to the players and will have visual indication of the fact when each player has been dealt the required number of cards. The present ejecting means does not deliver the cards entirely from the device, but projects the same outwardly of the accessory sufficiently to enable the dealer to grasp the same and entirely remove it for handing the same to the player.

By means of the present device constantly occurring mistakes are eliminated or made impossible, and successive dealing of the cards from the top of the deck is made compulsory.

In the use of the present invention, the latches are released so as to enable the dealer to swing the cover 28 open so that he may readily place a deck of cards which have been previously shuffled within the receptacle 5 and upon the follower plate 7, it being understood that the dealer depresses the follower plate 7 and pushes inwardly upon the rod 17 so as to hold the follower plate lowered, prior to placing the deck of cards upon the follower plate. When the cards have been disposed in this manner, the proper numeral on the disk 23 is caused to be exposed through the opening 25, and the cover 28 is then closed and latched. The rod 17 is then released so as to free the follower plate 7 by disengagement of the lever 14 from the legs 22. The dealer then presses the lever 44 so as to cause forward movement of the ejector slide 35 for moving the top card outwardly through the slot 37 and for simultaneously imparting movement to the disk or ratchet wheel 50 so as to bring the required numeral on the latter in view at the opening 53. The card is then grasped by the dealer and handed to the proper player and this operation is repeated for as many times as necessary until the required number of cards have been dealt to the several players engaged in the game being played. When the hand thus dealt has been played, the cards are again shuffled and the operation of placing the cards in the receptacle 5 is repeated, registration being made each time that the deck is placed

in the device so as to furnish visible indication of the number of hands which have been dealt in a given period.

It is believed that the construction and operation of the present invention will be readily understood as well as its advantages and practicability appreciated by those skilled in the art.

Various changes may be made in the forms of the various parts and the combinations and arrangements thereof as shown without departing from the spirit and scope of the invention as claimed.

What is claimed as new is:

1. A card game accessory including a receptacle having a hinged cover and provided with a yieldably depressible follower plate adapted to have a deck of cards placed thereon, means operable to releasably retain the follower plate depressed, said accessory being provided with a slot through which the cards are adapted to be ejected, and means carried by the cover for successively ejecting the cards one at a time through said slot as the same are pressed upwardly by said follower plate.

2. A card game accessory including a receptacle having a hinged cover and provided with a yieldably depressible follower plate adapted to have a deck of cards placed thereon, means operable to releasably retain the follower plate depressed, said accessory being provided with a slot through which the cards are adapted to be ejected, means carried by the cover for successively ejecting the cards one at a time through said slot as the same are pressed upwardly by said follower plate, and means operable by the means for retaining the follower plate depressed to indicate the number of hands dealt during a given period.

3. A card game accessory including a receptacle having a hinged cover and provided with a yieldably depressible follower plate adapted to have a deck of cards placed thereon, means operable to releasably retain the follower plate depressed, said accessory being provided with a slot through which the cards are adapted to be ejected, means carried by the cover for successively ejecting the cards one at a time through said slot as the same are pressed upwardly by said follower plate, and means operable by said card ejecting means to successively register the number of cards ejected from the device.

4. A card game accessory including a receptacle having a hinged cover and provided with a yieldably depressible follower plate adapted to have a deck of cards placed thereon, means operable to releasably retain the follower plate depressed, said accessory being provided with a slot through which the cards are adapted to be ejected, means carried by the cover for successively eject-

ing the cards one at a time through said slot as the same are pressed upwardly by said follower plate, means operable by said card ejecting means to successively register the number of cards ejected from the device, and means operable by the means for retaining the follower plate depressed to indicate the number of hands dealt during a given period.

5. In a card game accessory of the class described, a receptacle, a follower plate yieldably supported above the bottom of said receptacle, a lever pivoted upon the bottom of said receptacle beneath said follower plate, said follower plate being provided with depending end flanges having inwardly extending ledges, and means to swing said lever for moving its ends into and out of engagement with said ledges for retaining the follower plate lowered or for permitting the same to rise as desired.

6. In a card game accessory of the class described, a receptacle, a follower plate yieldably supported above the bottom of said receptacle, a lever pivoted upon the bottom of said receptacle beneath said follower plate, said follower plate being provided with depending end flanges having inwardly extending ledges, and means to swing said lever for moving its ends into and out of engagement with said ledges for retaining the follower plate lowered or for permitting the same to rise as desired, said means including a spring for normally holding the lever in position wherein the same is disengaged from said ledges.

7. In a card game accessory of the class described, a receptacle, a follower plate yieldably supported above the bottom of said receptacle, a lever pivoted upon the bottom of said receptacle beneath said follower plate, said follower plate being provided with depending end flanges having inwardly extending ledges, means to swing said lever for moving its ends into and out of engagement with said ledges for retaining the follower plate lowered or for permitting the same to rise as desired, said means including a spring for normally holding the lever in position wherein the same is disengaged from said ledges, and a push rod adapted for moving the lever against the action of said spring to engage the ends of the lever with said ledges.

8. In a card game accessory of the class described, a receptacle, a follower plate yieldably supported above the bottom of said receptacle, a lever pivoted upon the bottom of said receptacle beneath said follower plate, said follower plate being provided with depending end flanges having inwardly extending ledges, means to swing said lever for moving its ends into and out of engagement with said ledges for retaining the follower plate lowered or for per-

mitting the same to rise as desired, the bottom wall of said receptacle having an opening, a combined ratchet wheel and indicator disk rotatably mounted upon the bottom wall of the receptacle so that its numerals will be successively viewable through said opening, and means to simultaneously partially rotate said disk when said lever is actuated.

9. In a card game accessory of the class described, a receptacle, a follower plate yieldably supported above the bottom of said receptacle, a lever pivoted upon the bottom of said receptacle beneath said follower plate, said follower plate being provided with depending end flanges having inwardly extending ledges, means to swing said lever for moving its ends into and out of engagement with said ledges for retaining the follower plate lowered or for permitting the same to rise as desired, the bottom wall of said receptacle having an opening, a combined ratchet wheel and indicator disk rotatably mounted upon the bottom wall of the receptacle so that its numerals will be successively viewable through said opening, and means to simultaneously partially rotate said disk when said lever is actuated, said last named means including a pawl carried by said lever and engaging the teeth of said ratchet wheel.

10. In a card game accessory of the class described, a receptacle having a yieldably supported card receiving follower plate therein, a cover for said receptacle having a top wall and a bottom wall arranged in spaced relation, an ejector slide retained against the under surface of the bottom wall of said cover and movable forwardly and backwardly for successively delivering cards from the pack as they are pressed into engagement with the ejector slide by said follower plate, and means between the top and bottom walls of said cover and operable exteriorly of the latter when the cover is closed for moving said ejector slide forwardly and backwardly to eject the cards.

11. In a card game accessory of the class described, a receptacle having a yieldably supported card receiving follower plate therein, a cover for said receptacle having a top wall and a bottom wall arranged in spaced relation, an ejector slide retained against the under surface of the bottom wall of said cover and movable forwardly and backwardly for successively delivering cards from the pack as they are pressed into engagement with the ejector slide by said follower plate, means between the top and bottom walls of said cover and oper-

able exteriorly of the latter when the cover is closed for moving said ejector slide forwardly and backwardly to eject the cards, said last named means including a spring for normally maintaining the ejector slide in its rearward position, and an operating lever having pivotal and sliding connection with said ejector slide.

12. In a card game accessory of the class described, a receptacle having a yieldably supported card receiving follower plate therein, a cover for said receptacle having a top wall and a bottom wall arranged in spaced relation, an ejector slide retained against the under surface of the bottom wall of said cover and movable forwardly and backwardly for successively delivering cards from the pack as they are pressed into engagement with the ejector slide by said follower plate, means between the top and bottom walls of said cover and operable exteriorly of the latter when the cover is closed for moving said ejector slide forwardly and backwardly to eject the cards, and means operatively connected to said ejector slide to register the cards as they are ejected thereby.

13. In a card game accessory of the class described, a receptacle having a yieldably supported card receiving follower plate therein, a cover for said receptacle having a top wall and a bottom wall arranged in spaced relation, an ejector slide retained against the under surface of the bottom wall of said cover and movable forwardly and backwardly for successively delivering cards from the pack as they are pressed into engagement with the ejector slide by said follower plate, means between the top and bottom walls of said cover and operable exteriorly of the latter when the cover is closed for moving said ejector slide forwardly and backwardly to eject the cards, means operatively connected to said ejector slide to register the cards as they are ejected thereby, said last named means including a combined indicator disk and ratchet wheel rotatably mounted against the under surface of the top wall of the cover, said top wall of the cover being provided with an opening through which the numerals of said disk are successively viewable, and a pawl connected to said ejector slide arranged to engage the teeth of the ratchet wheel and indicator disk to partially rotate the latter upon each forward movement of the ejector slide.

In testimony whereof I affix my signature.

JOSEPH KOLOMYJEC.