E. T. LINSLEY.

DEVICE FOR USE IN ASSORTING CHECKS AND OTHER PAPERS.

APPLICATION FILED APR. 24, 1917.

1,264,824.

Patented Apr. 30, 1918.

Fig. 1.

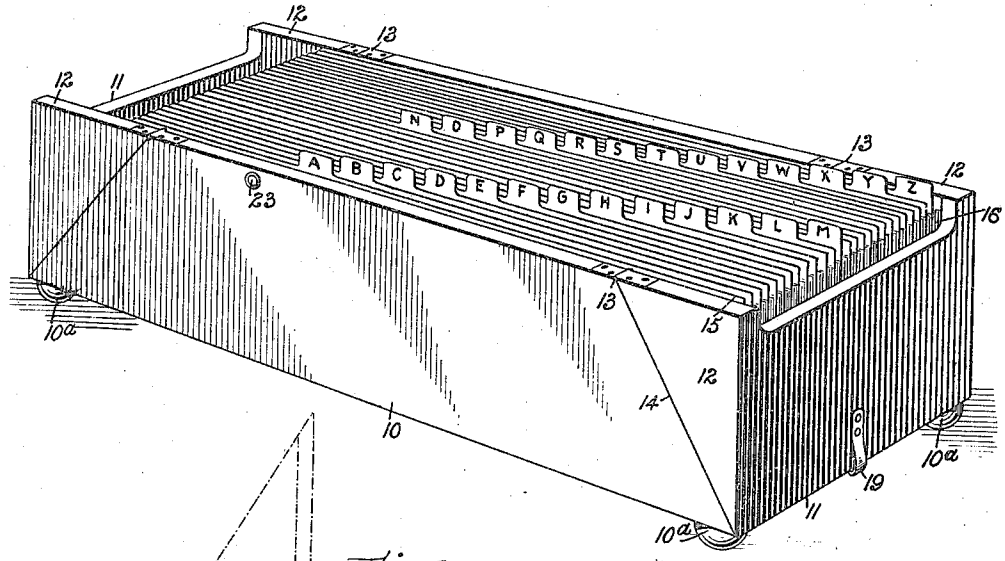


Fig. 2.

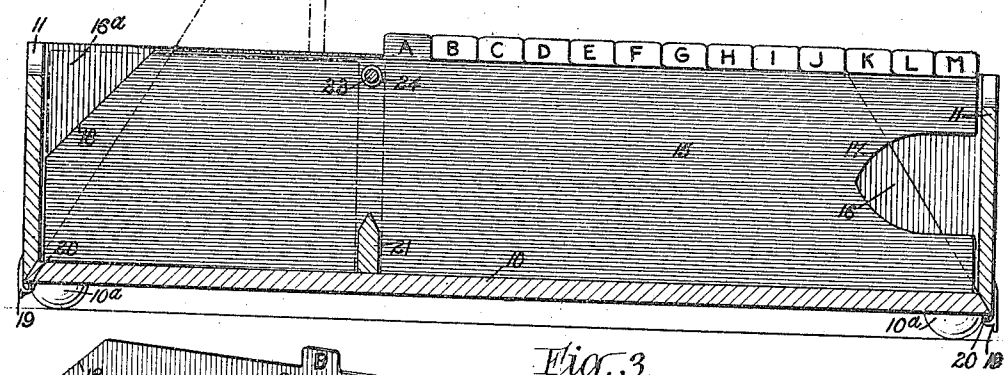
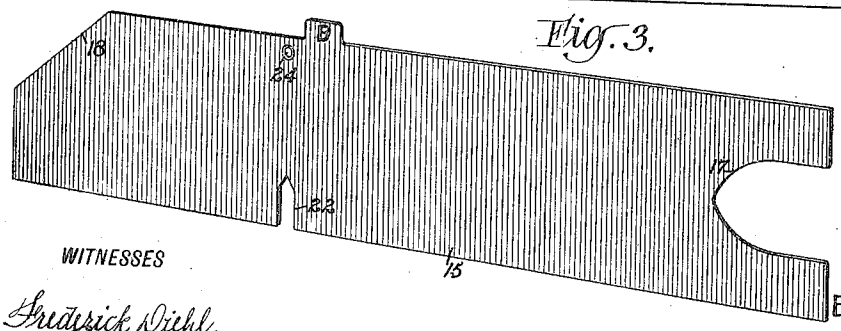


Fig. 3.



WITNESSES

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DEVICE FOR USE IN ASSORTING CHECKS AND OTHER PAPERS.

1,264,824. Specification of Letters Patent. Patented Apr. 30, 1918.

Application filed April 24, 1917. Serial No. 164,259.

To all whom it may concern:

Be it known that I, EARL T. LINSLEY, a citizen of the United States, and a resident of Alexandria, in the county of Hanson and State of South Dakota, have invented a new and Improved Device for Use in Assorting Checks and other Papers, of which the following is a full, clear, and exact description.

My invention relates to an assorting device for bank checks and other papers, the device being of the type in which guide cards or index cards are employed, between which the papers are temporarily placed in the assorting process, and more particularly the invention relates to an assorting device so formed and arranged as to adapt the same for the separating and sorting of related papers, such as bank checks and the deposit slips.

An object of the invention is to provide an assorter adapted to receive the papers with facility and despatch and permitting of the respective papers being readily withdrawn from the assorter.

A further object of the invention is to provide an assorting device in which different classes of papers may be disposed at the respective ends and maintained separated while being sorted and until they are to be removed.

Other objects of the invention and the advantages of the same will appear as the description proceeds.

Reference is to be had to the accompanying drawings forming part of this specification in which similar reference characters indicate corresponding parts in all the views.

Figure 1 is a perspective view of an assorting device embodying my invention;

Fig. 2 is a longitudinal vertical section thereof;

Fig. 3 is a perspective view of one of the guide cards.

Referring to the illustrated example of my invention the numeral 10 indicates the body of a box-like structure, which may have supporting knobs 10^a, or the like, the box body including a bottom and sides. The end portions 11 of the box present side members 12 hinged at the inner ends thereof at the top to the body 10 as at 13. The side members 12 are preferably triangular or substantially so, so that the lower edges thereof will conform to the beveled ends 14 on the sides of the box of the body 10. The box is adapted to receive index cards 15 bearing the letters of the alphabet on upwardly projecting tabs after the manner of cards of this general character employed in analogous structures. The arrangement of the hinged ends 11 is such that when they are swung to the raised position on top of the body 10 as indicated by dotted lines at the left of Fig. 2, side portions of the contents of the box will be exposed and accessible, including the papers inserted between the cards. The structure is adapted to receive at one end papers 16 such as bank checks, and at the opposite end papers indicated at 16^a, such as deposit slips. To permit the ready grasping and the removal of any or all the assorted papers, the cards 15 have a size or shape to permit portions of the papers 16, 16^a to be grasped. In the illustrated example cut-outs 17 in the form of recesses are shown in the cards 15 between the top and bottom edges thereof and extending inwardly from the end of each card, while at the opposite end of the cards, the same may be cut away at the upper corner as indicated at 18. In either event after the swinging up of the ends 11, the papers 16, 16^a may be collectively grasped and pulled endwise from between the cards and thereby withdrawn from the body 10. The end portions 11 may be fastened if desired in the closed position by any suitable means, there being indicated a latch 19 thereon adapted to engage a protuberance 20 on the body 10 at the under side.

In order that the papers at one end of the device may be maintained separated from those at the opposite side at all times, I provide stop means in the box in the form of a separating strip 21 which is secured to the bottom of the box and rises a slight distance therein. That the guide cards 15 may engage the strip 21, said cards are formed with vertical recesses 22 conforming to the separating strip. Thus the strip prevents longitudinal displacement of the guide cards when the papers are being withdrawn, as well as at other times and in addition to its action in separating the papers at opposite ends, it forms a gage in the placing of the papers.

To prevent the cards from tilting laterally when not sustained by papers therebetween, a transverse rod or wire 23 is employed at the top extending between the sides of the

body 10 and sustained by the latter while being accommodated in eyelet holes 24 in the cards.

In practice adjacent index cards 15 are given different colors the card shown in Fig. 3 and the front card of Fig. 2 being shaded to represent different colors; for example, the cards may be alternately red and green. The purpose of thus employing different colors for adjacent cards is to readily distinguish the groups particularly with assorters or files of reasonably large capacity where each letter is subdivided a number of times. By employing the adjacent cards of different colors, the groups are located at a glance and therefore the work of assorting is facilitated, and this applies also to files as well as assorting devices.

I wish to state in conclusion that although the illustrated example constitutes a practical embodiment of my invention, I do not limit myself strictly to the mechanical details herein illustrated, since manifestly the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. A device of the class described including a receptacle, end portions on said receptacle and movable to open or close the receptacle at the ends, a transversely disposed element in the box at the bottom dividing the same so that different papers may be received in each end and maintained separated, and guide cards in the box extending continuously therein past the said transversely disposed element and engaging the latter.

2. In a device of the class described, a receptacle, a transverse strip rising from the bottom of the receptacle and terminating short of the top thereof, thereby dividing the receptacle to accommodate different papers at the respective ends thereof, and guide cards extending continuously in the receptacle past said strip, the lower edges of the cards having recesses accommodating the said strip.

3. In a device of the class described, a receptacle, a transverse strip rising from the bottom of the receptacle and terminating short of the top thereof, thereby dividing the receptacle to accommodate different papers at the respective ends thereof, and guide cards extending continuously in the receptacle past said strip, the lower edges of the cards having recesses accommodating the said strip; together with a rod extending transversely between the sides of the receptacle and through the said cards above the said strip.

4. A device of the class described including a receptacle having an open end, a hinged closure for said end on said receptacle and movable to open or close the same, and cards in said receptacle, the said cards having cut-out portions enabling any papers between the cards to be grasped laterally, the opposite sides of the receptacle being cut away adjacent the cut-outs of the cards, and the said end closure having at the opposite ends thereof side members at approximately right angles to said end closure, said side members overlapping the side edges of the cards and serving to expose the cut-out portions thereof when the closure is moved to the open position, the said side members of the end closure in the closed position of the latter corresponding with the cut portions of the sides of the receptacle and covering the cut-out portions of the cards.

EARL T. LINSLEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."