

(No Model.)

J. W. KEA.
INDEXER.

No. 573,153.

Patented Dec. 15, 1896.

Fig. 1.

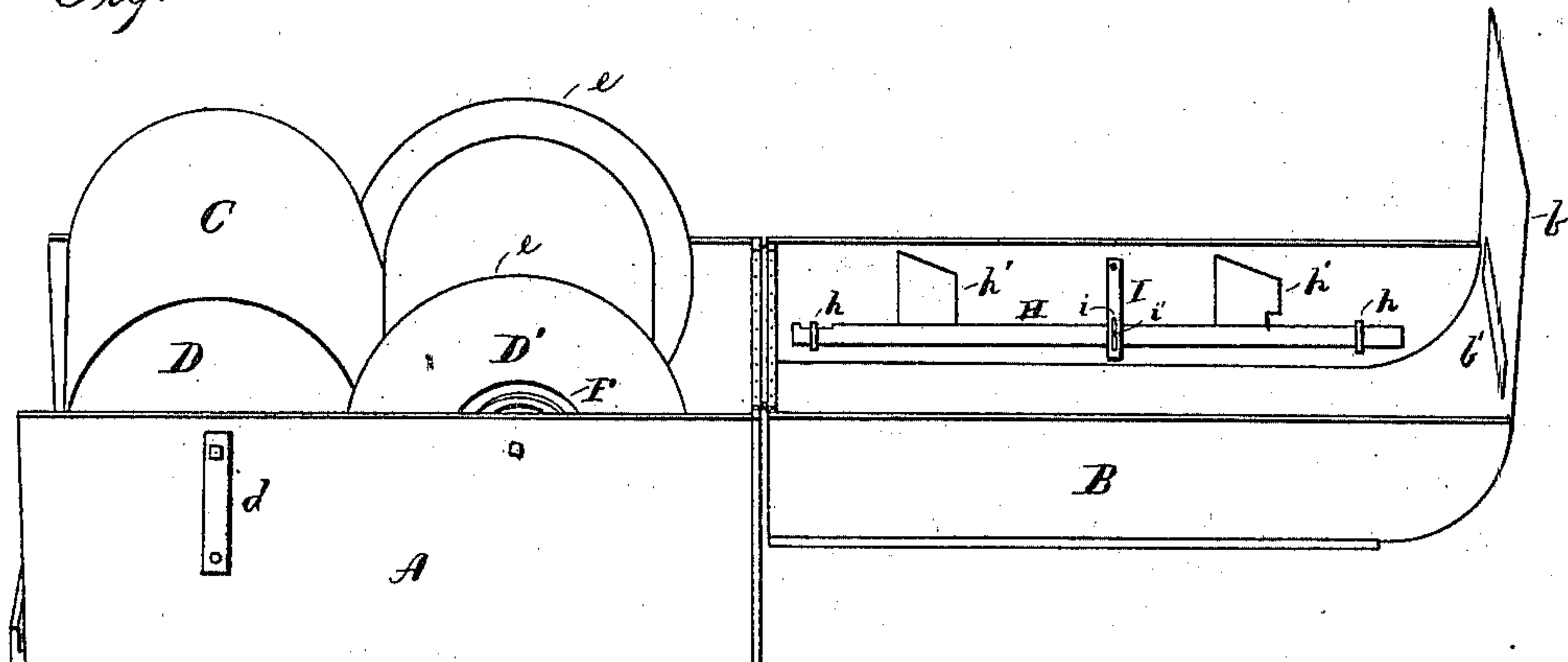
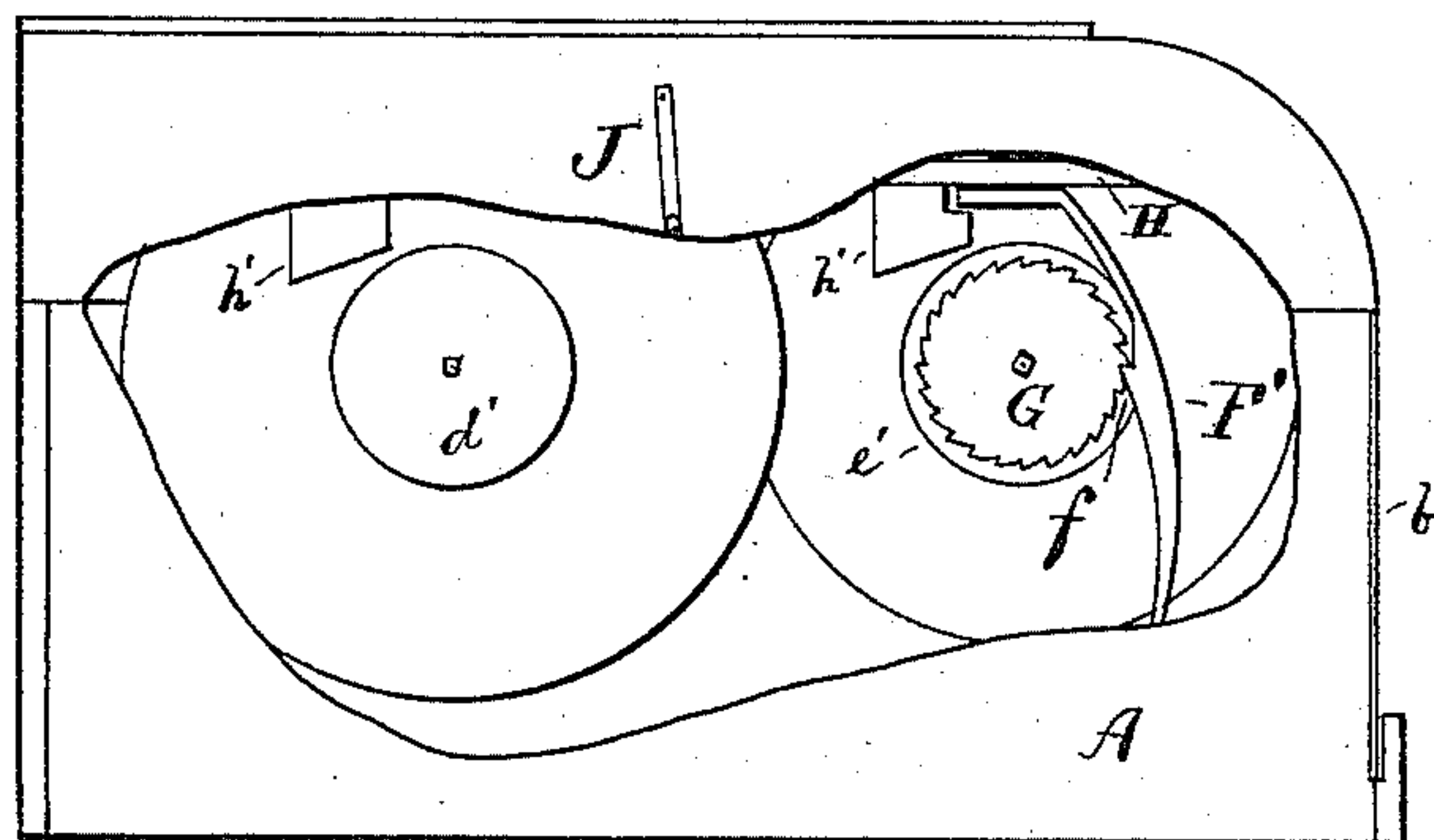


Fig. 2.



WITNESSES:

Otis D. Swett.
Geo. M. Coppenhaver.

INVENTOR

John W. Kea

BY

Thomas R. Simpson

ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN WESLEY KEA, OF MINDEN, LOUISIANA.

INDEXER.

SPECIFICATION forming part of Letters Patent No. 573,153, dated December 15, 1896.

Application filed August 17, 1896. Serial No. 603,069. (No model.)

To all whom it may concern:

Be it known that I, JOHN WESLEY KEA, a citizen of the United States, residing at Minden, in the parish of Webster and State of Louisiana, have invented certain new and useful Improvements in Indexers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification

The special object of the invention is to make an improved indexer whose special features of improvement will be clearly pointed out in the claims, set forth in the description, and illustrated in the drawings.

Figure 1 of the drawings is a perspective view of my indexer with the cover thrown back, and Fig. 2 an elevation with the cover closed and one side of the box broken away.

In the drawings, A represents the box or body of the indexer, and B the hinged cover, which has a horizontally-slotted plate *b*, which folds over the open front end of the box.

Upon the index-paper C are inscribed the names, which are to be read through the slot *b'* of the cover. This paper is made fast at one end to the front roll D and at the other to the rear roll D', the former being turned by a hand-crank *d* to bring the names in front of the slot *b'*, while the latter is provided with a coiled-spring motor F, wound about its shaft, to transfer the index-paper from roll D to roll D'. By this means the index-paper is wound from roll D' to roll D by hand, while the reverse is accomplished by spring-power.

The roll D turns within the flanges *ee* of roll D', so that the index-paper will run out evenly on both rolls.

F' is a spring-detent whose pawl *f* works in the teeth of a ratchet G on the shaft of roll D, so as to keep the latter from turning back while the names are being displayed.

In order to throw out the detent, allow the index-paper to be wound up on the roll D', and to prevent this from being done too rapidly I apply the brake H, working in guides *h* on the inside of the cover and provided with brake-blocks *h' h'*. The front one of these brake-blocks also throws out the detent from the ratchet, while both come into frictional contact with the disks *d' e'* on the shafts of the rolls. This slide-brake is operated by a hanger I, pivoted at the upper side, and near the lower end provided with a slot *i*, in which works the pin *i'* of the slide H. It is thus worked by hand, the crank being riveted to the hanger.

What I claim as new and of my invention is—

1. The box A having a horizontally-slotted overlapping cover B, the roll D provided with a suitable detent mechanism, the roll D' having motor-spring on its shaft and flanges between which the roll D rotates, and the index-paper fastened at its ends to the said rolls, all combined, constructed and arranged as set forth.

2. The combination with the cover, the ratchet-detent and the roller-disks, of a brake H working in cover-guides *h* and provided with the blocks *h' h'*, one of said blocks being adapted to throw out the detent and both arranged to contact with the disks as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN WESLEY KEA.

Witnesses:

THOS. D. KEA,
C. E. CHALFANT.