

(No Model.)

J. A. TURNBULL.
FASTENING OR CLASPING DEVICE.

No. 423,000.

Patented Mar. 11, 1890.



Fig. 1.

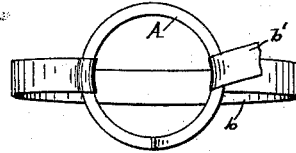


Fig. 2.

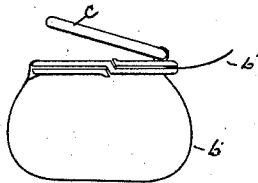


Fig. 3.

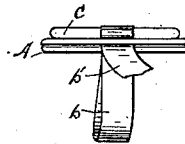


Fig. 4.

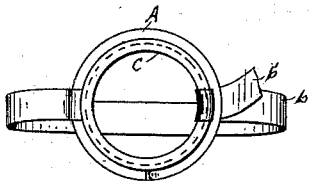


Fig. 5.

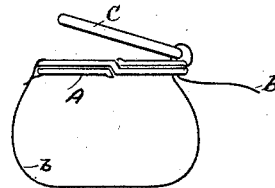


Fig. 6.

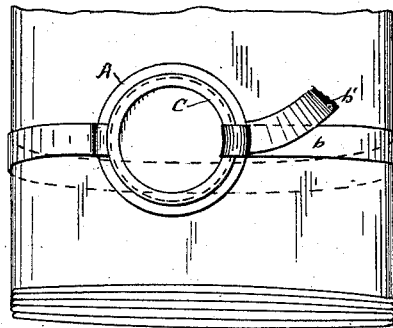


Fig. 7.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES A. TURNBULL, OF ESSEX COUNTY, NEW JERSEY.

FASTENING OR CLASPING DEVICE.

SPECIFICATION forming part of Letters Patent No. 423,000, dated March 11, 1890.

Application filed June 20, 1889. Serial No. 314,963. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. TURNBULL, a citizen of the United States, residing in the county of Essex and State of New Jersey, have
5 invented a certain new and useful Improvement in Fastening or Clasp ing Devices for Bundles or Packages, of which the following is a full description.

The object of my invention is to provide a
10 fastening or clasp ing device for bundles or packages, which will hold firmly and be easily released.

The device is illustrated in the accompanying drawings, in which like letters refer to
15 like parts.

Figure 1 is a horizontal view of a split ring. Fig. 2 is a plan view of the same with tape or cord attached. Fig. 3 is a horizontal view of split ring with tape attached and an upper
20 ring linked with the tape and lowered to its position on the top of lower ring. Fig. 4 is an edge view of the two rings locked by the cord or tape, looking at the front. Fig. 5 is a plan or top view of the same. Fig. 6 is a
25 horizontal view of the same with the tape entering the split of the lower ring from the outer side. Fig. 7 shows the device with the tape inclosing the package.

A is a split ring, as illustrated in Fig. 1, to
30 one side of which is attached a tape or cord *b*.

C is another ring, which need not be split, which overlies the split ring and co-operates therewith and with the tape to fasten and unfasten the bundle or package. The tape or
35 cord is passed around the package or other article intended to be secured and introduced into the ring A from beneath, and thence through the ring C, thence around over the top and embracing one edge of ring C, and then
40 between the circumferential edges of the two rings through the split lips of the ring A, leaving the opposite edge of ring C free to be used as a handle to unfasten the clasp.

The foregoing is the arrangement of rings

and tape which I prefer; but the cord or tape, 45 after passing through the rings and over the top one C, may be entered through the split of the ring A from the outside, passing there-through inwardly, as illustrated in Fig. 6.

The operation of my device is such that 50 when the tape embraces a package and is drawn through the clasp by the end *b'* of the tape *b* until it is tight around the package the clasp operates to hold it firmly in that position, and when it is desired to re- 55 lease the package by loosening the tape this is done by grasping the ring C and drawing the same backward. Thus the ring C co-operates with the ring A and the tape or cord to secure the package, and at the same time 60 serves as a handle to be grasped in releasing it.

Although my improvement is primarily designed for bundles or packages, it may be used with anything to which it is applicable. 65

What I claim, and desire to secure by Letters Patent, is—

1. In a fastening or clasp ing device, a split ring, to one side of which is secured the end of a tape or cord which passes through the 70 ring, in combination with a free ring through which the tape passes and about and around one side of which the tape is turned so as to leave the other side free to be handled and thence passed through the lips of the split 75 ring.

2. In a fastening device, a split ring, as A, having a cord or tape fastened to one edge, in combination with a free ring, as C, arranged with the cord or tape passing through 80 both rings over the upper one, then between it and lower one, and then through lips of split ring passing from the inside outwardly.

JAMES A. TURNBULL.

Witnesses:

HARRY M. PETERS,
JAMES L. STEUART.