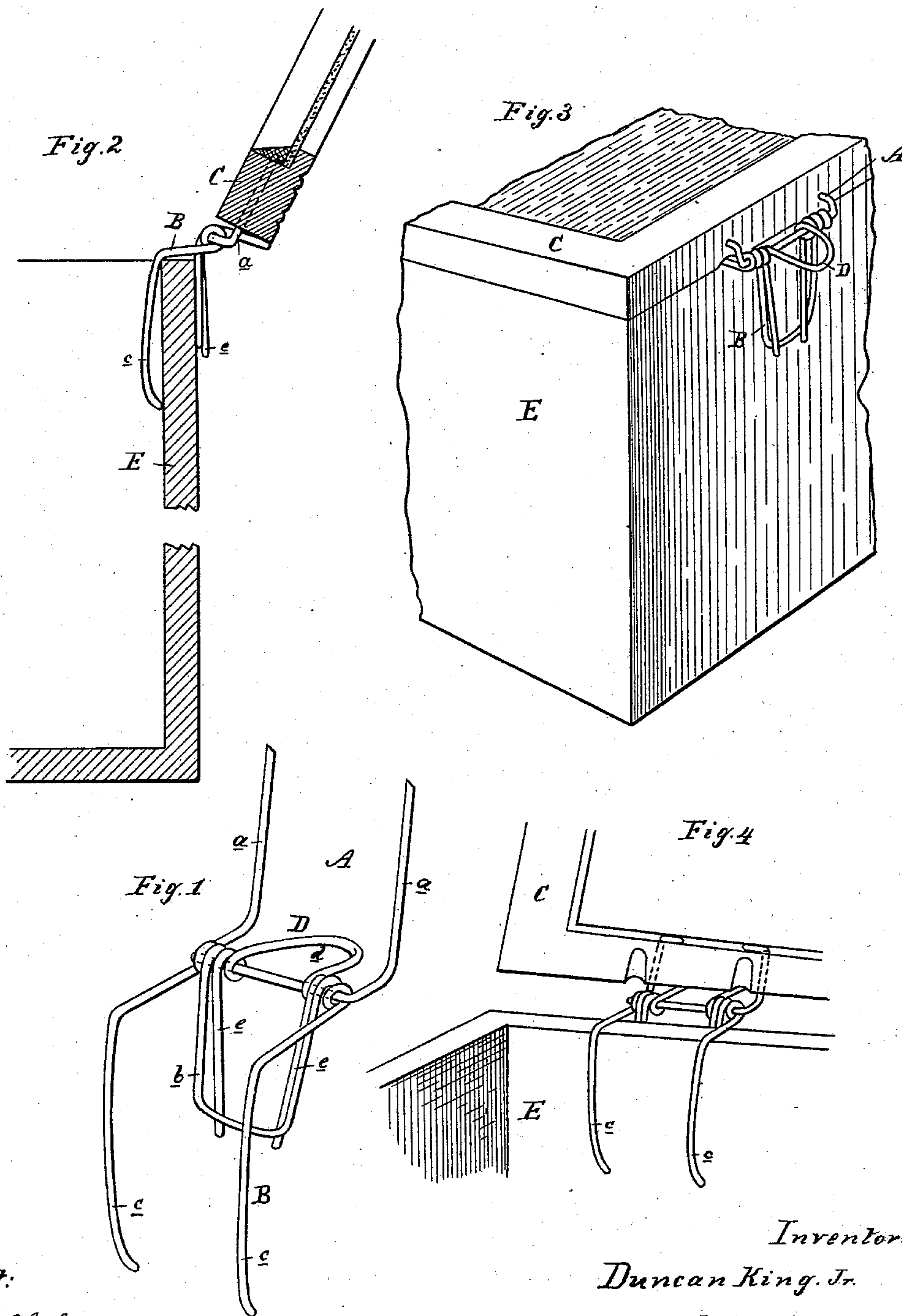


(No Model.)

D. KING, Jr.
HINGE.

No. 369,113.

Patented Aug. 30, 1887.



Attest:

John Schuman.
Charles J. Hunt.

Inventor.

Duncan King, Jr.

By his Atty

Thos. S. Sprague

UNITED STATES PATENT OFFICE.

DUNCAN KING, JR., OF DETROIT, MICHIGAN.

HINGE.

SPECIFICATION forming part of Letters Patent No. 369,113, dated August 30, 1887.

Application filed April 23, 1887. Serial No. 236,443. (No model.)

To all whom it may concern:

Be it known that I, DUNCAN KING, Jr., of Detroit, in the county of Wayne and State of Michigan, have invented new and useful
5 Improvements in Hinges; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in hinges.

The object of the invention is to provide a hinge for removable box-covers, said hinge being rigidly secured to the cover, one leaf or
15 part of the hinge forming a clamp to engage with the edge of a box.

To this end the invention consists in the peculiar construction of the hinge, all as more fully hereinafter set forth.

20 Figure 1 is a perspective view of the hinge. Fig. 2 is a section showing hinge as applied to a box and removable cover open. Fig. 3 is a perspective view of a portion of a box-cover closed. Fig. 4 is a perspective view
25 from the inside with cover open.

In the accompanying drawings, which form a part of this specification, A B represent the two portions or leaves of a hinge. The portion A consists of a wire staple, *a*, the ends of
30 which are designed to be driven into the edge of a removable cover, C, as shown in Fig. 2, or in any other convenient manner for securing the parts together. The portion or leaf B consists of a wire bent into substantially the
35 form shown around the bail of the staple *a*, forming a loop, *b*, and the arms *c*.

D is a stop, which consists of a wire coiled

upon the bail of the staple and formed with a loop, *d*, at nearly right angles to the ends E of the wire, which are sufficiently long to rest
40 against the loop *b* of the part B of the hinge.

In practice, the part A having been secured to the cover, the edge of the box E is forced to engage with the part B of the hinge, and is clamped between the loop *b* and arms
45 *c* thereof, as shown.

When the cover is opened, the edge thereof rests upon the loop *d* of the stop D, which prevents the cover from falling back.

If desired, the cover may be glazed, so as
50 to display the contents of the box.

By this construction it will be seen that I provide an inexpensive but practicable hinge, by the use of which removable covers can readily be secured upon boxes and transferred
55 from one box to another, as occasion may require.

What I claim as my invention is—

1. In a hinge, the combination of the staple A with the loop *b* and arms *c*, said loop and
60 arms formed from one piece of wire and coiled upon the bail of the staple A, substantially as and for the purposes described.

2. In a hinge, the combination, with the wire staple A, of the leaf B, formed of wire
65 coiled around the bail of the staple and provided with loop *b* and arms *c*, and the stop D, formed of a wire coiled upon the bail of said staple and provided with loop *d*, substantially as and for the purpose specified.

DUNCAN KING, JR.

Witnesses:

H. S. SPRAGUE,
CHARLES J. HUNT.