

No. 765,202.

PATENTED JULY 19, 1904.

J. SCHNEIDER.
CAR SEAL.

APPLICATION FILED NOV. 27, 1903.

NO MODEL.

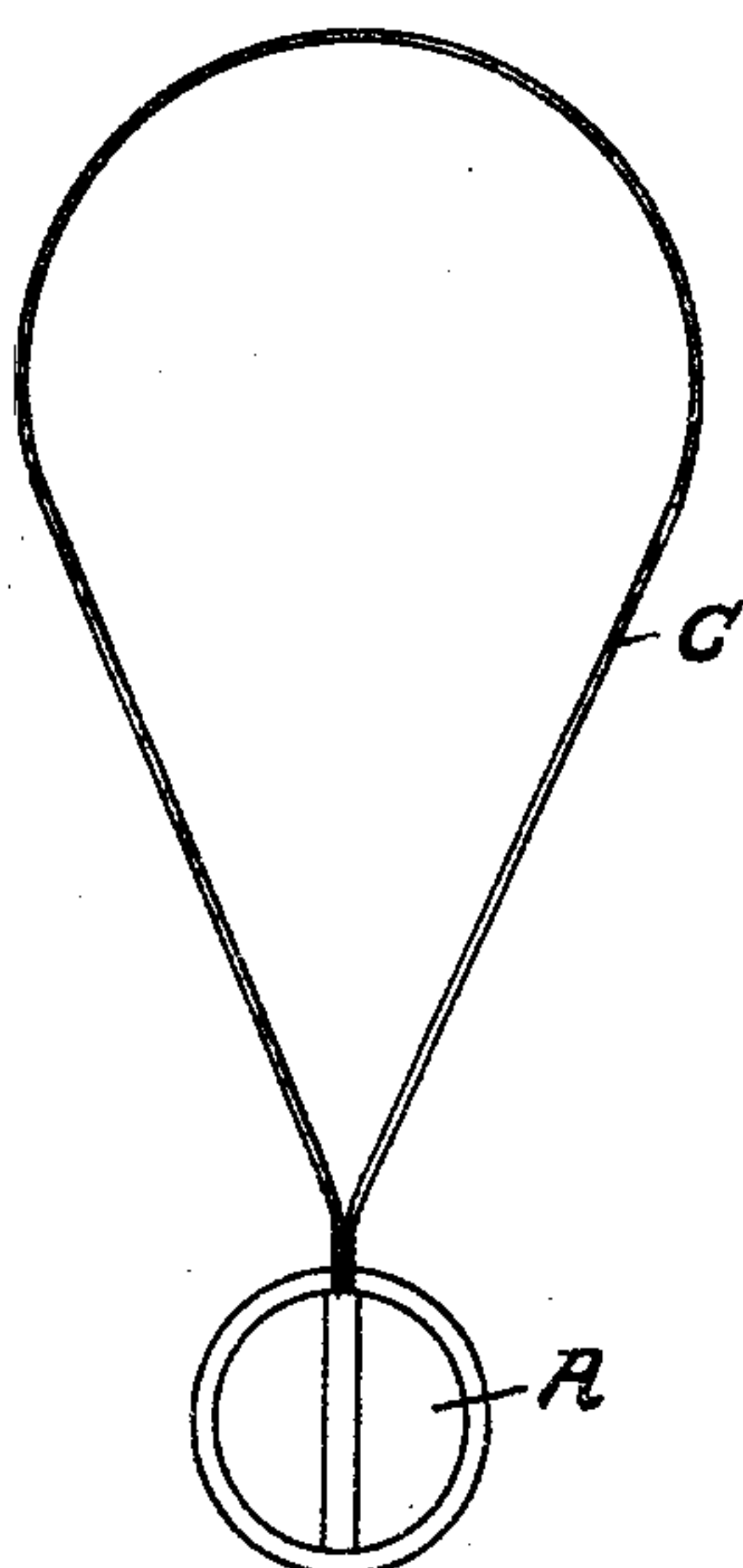


FIG. 1.

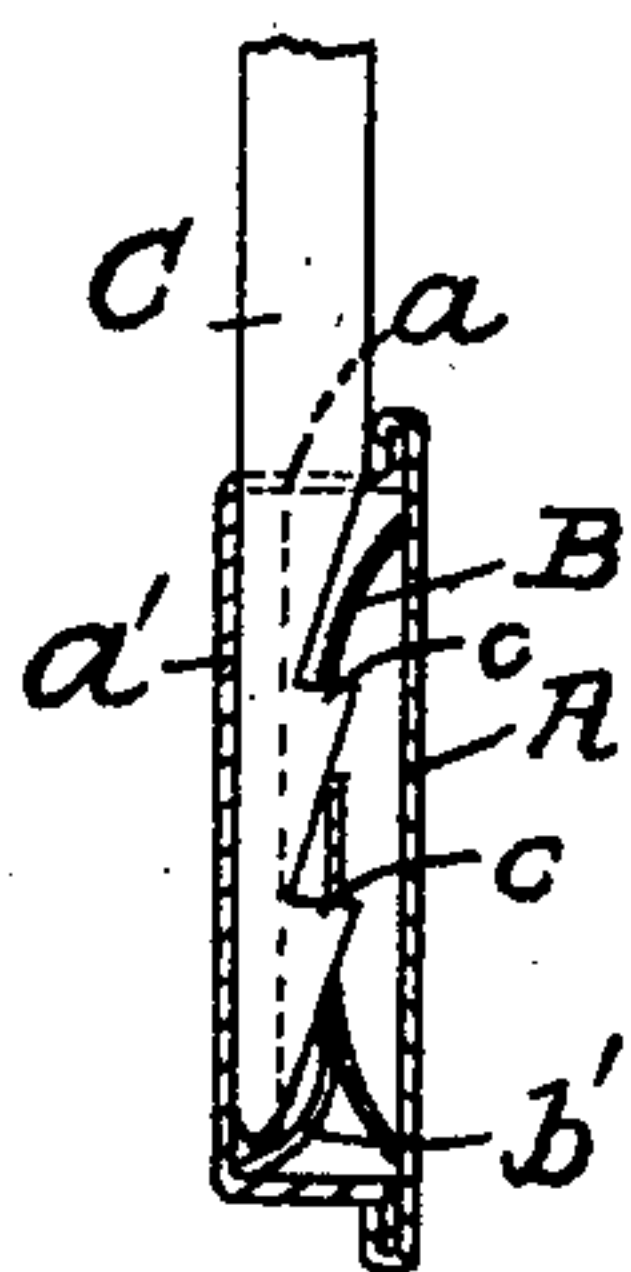


FIG. 3.

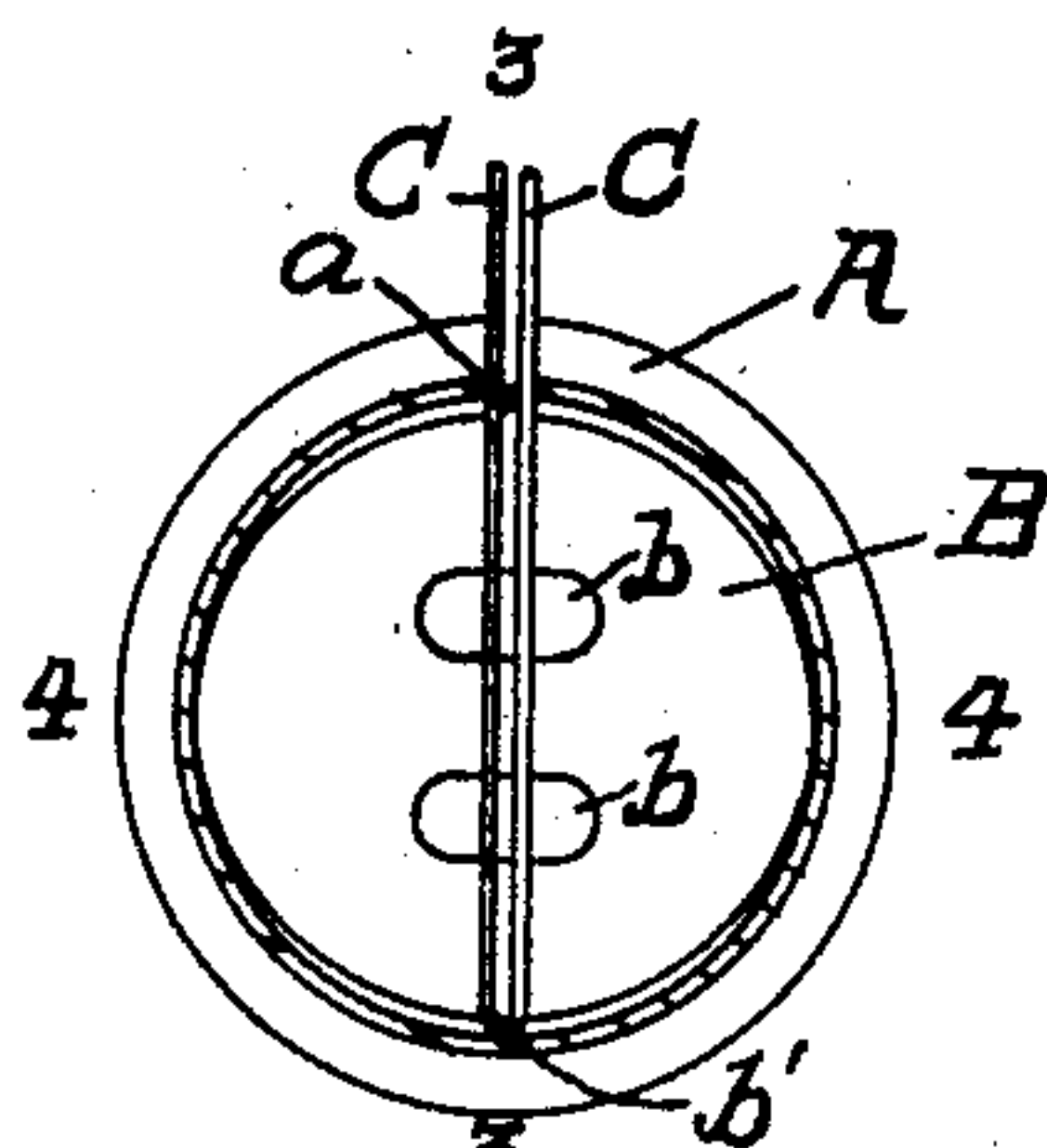


FIG. 2.

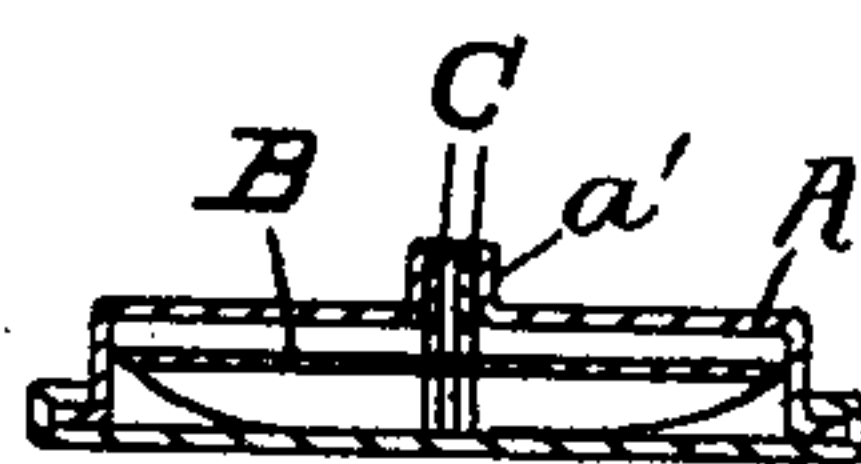


FIG. 4.

Witnesses
Agnes B. Grant,
Earle R. Parris

Inventor
Jacob Schneider
By Attorneys
Parkinson & Richards

UNITED STATES PATENT OFFICE.

JACOB SCHNEIDER, OF NEWPORT, KENTUCKY.

CAR-SEAL.

SPECIFICATION forming part of Letters Patent No. 765,202, dated July 19, 1904.

Application filed November 27, 1903. Serial No. 182,865. (No model.)

To all whom it may concern:

Be it known that I, JACOB SCHNEIDER, a citizen of the United States, residing at Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Car-Seals, of which the following is a specification.

The object of my invention is to provide an improved self-locking seal of simple and economical construction; and my invention consists in the combination and arrangement of parts hereinafter described and claimed.

In the drawings, Figure 1 is a front view of a car-seal embodying my invention; Fig. 2, an enlarged section of the sealing-cap; Fig. 3, a section on line 3 3 of Fig. 2, and Fig. 4 a section on line 4 4 of Fig. 2.

Reference-letter A denotes a sealing-cap, B a spring-catch in the sealing-cap, and C a sealing-band.

The sealing-cap A is provided with a slot *a* for the insertion of the ends of the sealing-band C and a channel *a'* for directing the course of the ends of band C when inserted.

The spring-catch B preferably consists of a bent plate adapted to be inclosed in cap A and provided with notches *b*. In order to hold the plate B in position, a tongue or lip *b'* is provided to engage in channel *a'*. Sealing-band C has both of its ends provided with barbs *c*, which are adapted to engage notches *b* in spring-plate B.

In operation one end of sealing-band C is secured to cap A by inserting it through slot *a*. A channel *a'* serves to guide the course of the end of band C, so that barbs *c* come into locking engagement with notches *b* in spring-plate B. In sealing the band is passed through the staples or other parts desired to be sealed and the free end inserted in cap A, where engagement between barbs *c* and notches *b* takes place.

It will be observed that the spring-plate B is entirely inclosed and concealed in cap A,

so that it is impossible to release the ends of band C without breaking the cap A.

By this construction I provide a seal of but four simple parts, which are capable of economical manufacture and assembly.

If desired, one end of band B may be permanently secured to cap A and the other made self-locking, as above described, and the same results obtained; but it is thought that it will be found preferable to make both ends self-locking, inasmuch as the caps and bands may then be shipped separately, and it is just as easy to make the notches *b* and spring-plate B capable of engaging both ends of band C instead of one end.

While I have illustrated and described the preferred means for carrying my invention into effect, it is obvious that this may be varied without departing from the spirit of my invention. I therefore do not wish to be limited to the exact construction illustrated in the drawings; but

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

1. In a car-seal, the combination of a sealing-cap; a spring-plate, concealed in the cap, and bent into arched form so as to cause two edges to rest on a side of the cap and the middle portion to be raised from contact with said side; means for holding the plate in position in the cap; a notch in the raised portion of the spring-plate; and a sealing-band having a barbed end adapted to engage said notch, substantially as specified.

2. In a car-seal, the combination of the sealing-cap A, having a slot *a* and channel *a'*; a sealing-band C having an end provided with barbs *c* and spring-plate B, having notches *b* and positioning-tongue *b'* adapted to engage channel *a'*, substantially as specified.

JACOB SCHNEIDER.

Witnesses:

ALBERT SCHNEIDER,
BRAYTON G. RICHARDS.