

No. 809,357.

PATENTED JAN. 9, 1906.

P. S. CLAUSER.
SEAL LOCK.

APPLICATION FILED NOV. 19, 1904.

Fig. 1.

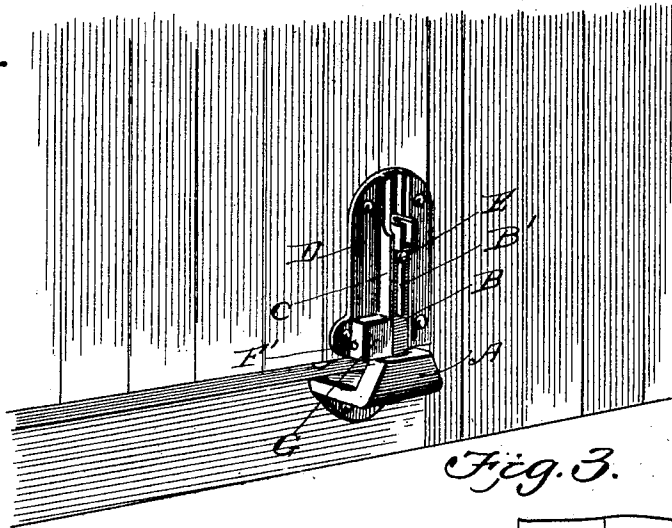


Fig. 2.

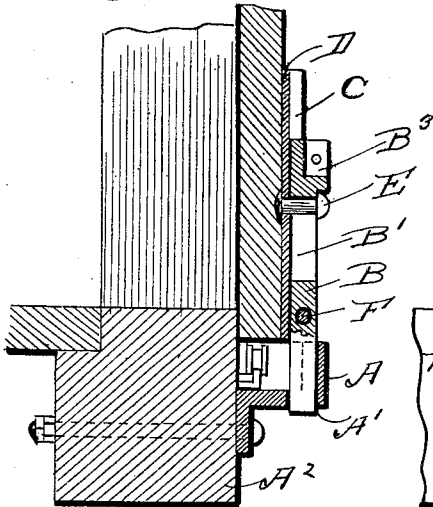


Fig. 3.

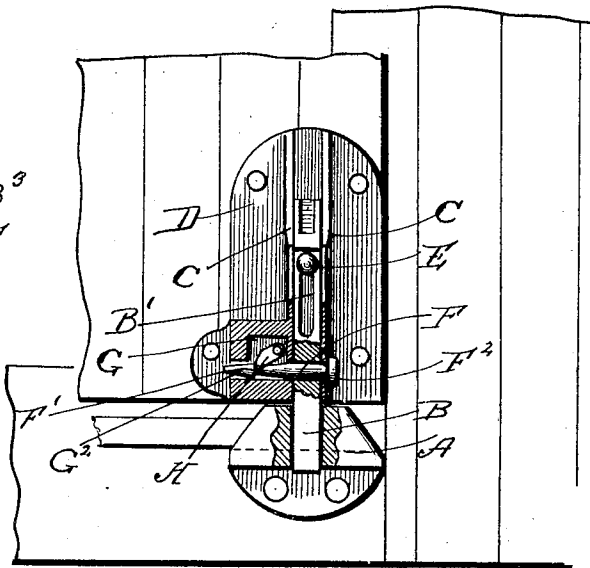


Fig. 4.

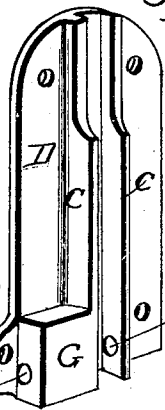


Fig. 5.

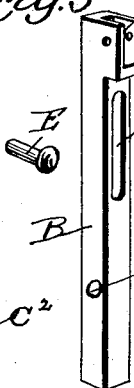


Fig. 6.

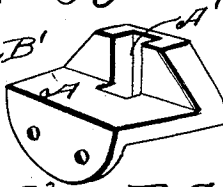
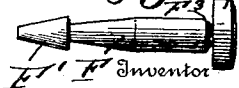


Fig. 7.



Fig. 8.



Witnesses
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PHILIP SHERIDAN CLAUSER, OF AURORA, ILLINOIS.

SEAL-LOCK.

No. 809,357.

Specification of Letters Patent.

Patented Jan. 9, 1906.

Application filed November 19, 1904. Serial No. 233,493.

To all whom it may concern:

Be it known that I, PHILIP SHERIDAN CLAUSER, a citizen of the United States, residing at Aurora, in the county of Kane and State of Illinois, have invented a new and useful Improvement in Seal-Locks, of which the following is a specification.

This invention is an improved construction of seal-lock, the object being to provide an exceedingly cheap, simple, and highly efficient form of car-door seal-lock, one which will securely hold the door locked and which cannot be easily released except in the manner known to the proper person.

With these objects in view the invention consists in the novel features of construction and combination hereinafter fully described, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view of a car-door lock constructed in accordance with my invention. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a face view, partly in section. Fig. 4 is a detail perspective view of the guide-plate and housing attached to the door. Fig. 5 is a detail perspective view of the bolt. Fig. 6 is a detail perspective view of the keeper. Fig. 7 is a view of the dog, and Fig. 8 is a view of the double-headed seal.

In the practical embodiment of my invention I employ an angled keeper A, having a socket or recess A' to receive the lower end of the bolt, said keeper being secured to the sill A² of the car, as most clearly shown in Figs. 1 and 2. The socket or recess of the keeper is engaged by the vertical sliding bolt B, sliding between the parallel guides C, arranged upon the plate D. A pin E serves to secure the bolt to the plate, said bolt being slotted longitudinally, as shown at B', and through which the pin passes, said slot permitting the vertical movement of the bolt. A transverse opening B² is made in the bolt adjacent its lower end, and the guides C are provided with oppositely-disposed openings C², which are adapted to register with the transverse opening B² when the bolt is in its locked position, and in order to hold the bolt in this position I employ a seal F, which is passed through the apertured guides and bolt. This

seal F is formed with an arrow-shaped head F' at one end and a flat head F² at the other end, the seal being considerably reduced adjacent the flat head F², as most clearly shown at F³. The arrow-shaped head F' projects into a housing G, arranged upon the side of the guide C and preferably integral therewith and with the plate D, and pivotally mounted in said housing is a dog H, which is adapted to engage the head F' and prevent the seal being withdrawn, as most clearly shown in Fig. 3. The housing is provided with an opening G², which registers with the openings C² and B², and when it is desired to unlock the device the head F² is knocked off by means of a hammer and chisel and the seal F is driven out through the opening G². The bolt can then be lifted and the car-door opened. It will be noted that the upper end of the bolt is provided with a recessed head B³.

In operation the door is closed, carrying with it the locking-bolt, which is dropped into the recessed keeper, and the seal is then inserted through the guides and bolt, and the dog immediately engages the arrow-head of the seal and holds the same against backward movement. A door locked in this manner cannot be opened except by breaking the head of the seal, as hereinbefore described, and it will of course be understood that any convenient object, such as a rock or heavy spike, can be used for that purpose.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a seal-lock, the combination with a plate provided with guides and housing, said guides and housing being apertured, a dog pivoted in the housing, a bolt sliding between the guides and provided with a transverse aperture, a seal adapted to be passed through the apertured guides and bolt, said seal having an arrow-head at one end which is adapted to be engaged by the pivoted dog, the opposite end of the seal being provided with a flat head, the seal being reduced adjacent said flat head, for the purpose described.

PHILIP SHERIDAN CLAUSER.

Witnesses:

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