(No Model.)

L. C. FERRELL & D. ISRAEL.

SHACKLE.

No. 381,005. Patented Apr. 10, 1888.

Fig. 1.

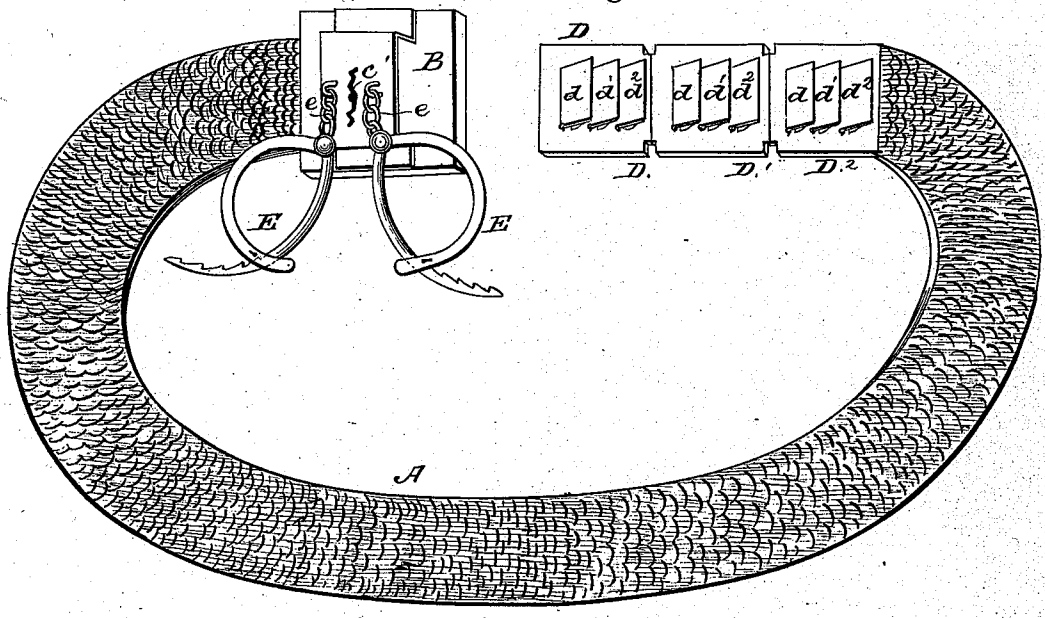


Fig. 2.

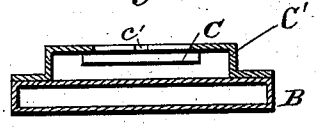


Fig. 3.

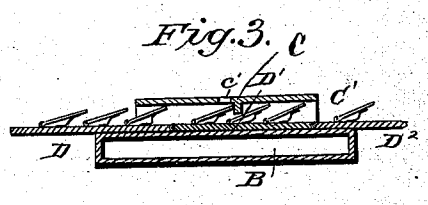
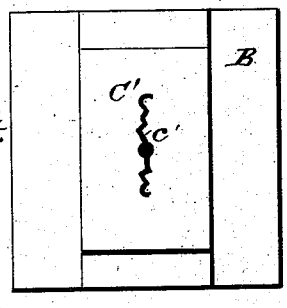


Fig. 4.



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UNITED STATES PATENT OFFICE.

LEONIDAS COLUMBUS FERRELL AND DAVID ISRAEL, OF DONALDSONVILLE, LOUISIANA.

SHACKLE.

SPECIFICATION forming part of Letters Patent No. 381,005, dated April 10, 1888.

Application filed October 27, 1887. Serial No. 253,571. (No model.)

To all whom it may concern:

Be it known that we, LEONIDAS COLUMBUS FERRELL and DAVID ISRAEL, of Donaldsonville, in the parish of Ascension and State of Louisiana, have invented a new and useful Improvement in Shackles, of which the following is a specification.

Our invention relates to an improved shackle for securing prisoners; and it consists, in its general features, in a safety-belt provided with a lock and with handcuffs for holding the prisoner's hands down in front of him in an easy comfortable position, and in a position which will prevent him from running rapidly or offering great resistance.

The invention also consists in certain details of construction and combinations of parts hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a plan of our improved shackle. Fig. 2 is a transverse sectional view through the end piece, B, and the keeper thereon. Fig. 3 is a longitudinal sectional view through the end plate, the keeper, and the hasp; and Fig. 4 is a plan of the end piece and the keeper.

A represents a belt, preferably formed of wire and provided at one end with an end piece, B, having on its outer face a keeper, C′, open at both ends. The keeper C′ is provided with a transverse key-hole, *c′*, and on its inner face, just in front of the key-hole and parallel therewith, is formed a rib or strike, C. To the opposite end of the belt, in line therewith, is secured a sectional hasp formed of sections D D′ D², hinged together so as to render the hasp flexible and allow it to conform to the body of the wearer.

d d′ d² are yielding catches connected at their inner edges to the several sections and inclining outward and toward the inner end of the hasp so as to be depressed successively as they pass under the rib or strike C in the passage of the hasp into the keeper C′. Springs are placed under the several catches to throw them outward, as best shown in Fig. 3. It will be readily seen that while the several catches may readily pass the rib or strike C when the hasp is forced inward the free edge of one of them will contact with the rib or strike if an attempt should be made to withdraw the hasp and prevent the same; but a suitable key may be passed by the official through the key-hole to depress the yielding catches when it is desired to unclasp the belt.

E E represent a pair of handcuffs, each formed of two hinged sections and connected to the keeper or end piece by a short section of chain, *e e*, so as to allow the hands of the prisoner some movement, in order that he may not be tortured, as would be the case if the cuffs were not movably connected with the belt or its attached parts.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a shackle, the combination, with the end piece provided with a keeper having a transverse key-hole and a rib or strike on its inner face in front of the key-hole, of the hasp provided with spring-catches, substantially as set forth.

2. As an improved article of manufacture, a shackle consisting of the belt, the end piece at one end thereof provided with a keeper having a transverse key-hole and a rib or strike on its inner face in front of and parallel with the said key-hole, the sectional hasp secured to the opposite end of the belt and having rearward-inclined spring-catches on the several sections, and the two handcuffs to encircle the prisoner's wrists connected to the keeper by the short chain-sections, substantially as set forth.

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Witnesses:
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