(No Model.)

B. P. BOGY.

HINGE.

No. 308,739. Patented Dec. 2, 1884.

Fig. 1.

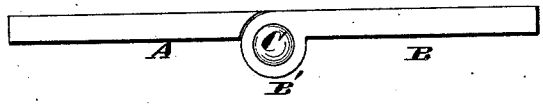


Fig. 2.

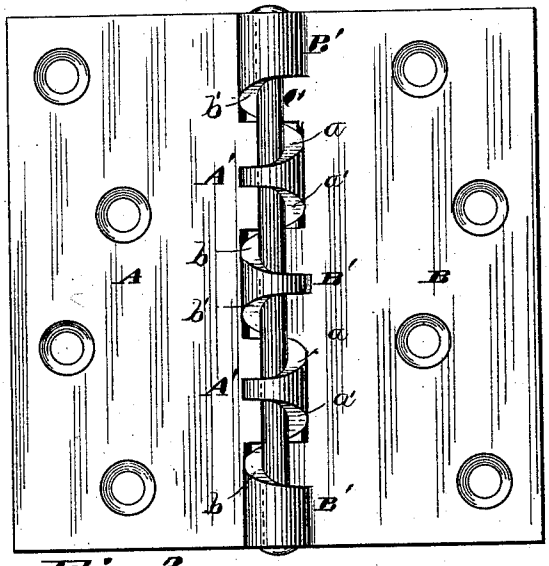
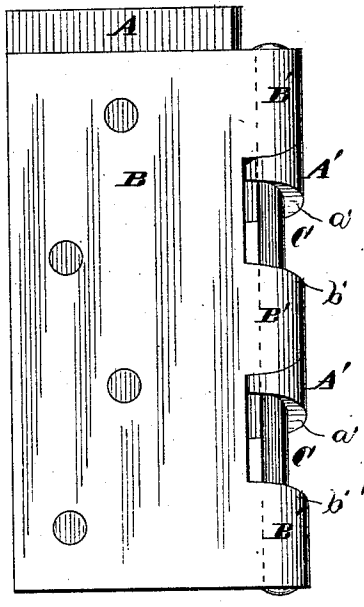


Fig. 3.



Attest;
Charles Pickles
Benj. W. Knight

Inventor;
Bernard P. Bogy
By Knight Bros
Attys.

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

BERNARD P. BOGY, OF ST. LOUIS, MISSOURI.

HINGE.

SPECIFICATION forming part of Letters Patent No. 308,739, dated December 2, 1884.

Application filed December 21, 1883. (No model.)

To all whom it may concern:

Be it known that I, BERNARD P. BOGY, of the city of St. Louis and State of Missouri, have invented a certain new and useful Improvement in Hinges, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is an end view. Fig. 2 is a side view showing the hinge open, and Fig. 3 is a side view with the hinge closed.

My invention relates to those hinges more particularly intended for use on park and other gates, but which may be used for any other purpose desired, so constructed that the gate or other object to which they are secured will swing shut automatically after being opened; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claim.

Referring to the drawings, A B represent the leaves of the hinge, which may be of any ordinary shape; A′ B′, the ears, and C the connecting-pintle. The upper and lower parts, *a a′*, of the ears A′ of the hinge are inclined at any desired pitch, and the upper and lower parts, *b b′*, of the ears B′ correspondingly inclined, (or vice versa,) as represented. These inclined faces have frictional contact, and it will be understood by referring to Figs. 2 and 3 that as the gate is opened it will be raised slightly, and when released will close by gravity, the inclined faces of the parts of the hinge secured to the gate sliding down the inclined faces of the parts secured to the posts or support. A hinge thus constructed is reversible, and is as cheap, strong, and durable as an ordinary leaf-hinge, and is effective in accomplishing the purpose for which it is designed. This form of hinge will often be found very useful, as either end can be put up, thus placing the projection parts of the ears in either direction, while the operation of the hinge remains the same. In turning the leaf B from the right to the left on the leaf A it will be seen that the inclines *b′* slide down on the inclines *a*, and in turning the leaf A from the left to the right on the leaf B that the inclines *a′* slide down the inclines *b*.

I claim as my invention—

A reversible hinge consisting of a leaf, A, having ears A′, formed with upper inclines, *a*, and lower inclines, *a′*, a leaf, B, having ears B′, formed with upper inclines, *b*, and lower inclines, *b′*, and a pintle, C, to secure the leaves together by the ears, the lower inclines, *b′*, adapted to slide down the upper inclines, *a*, in turning the leaf B to the left on the leaf A, and the lower inclines, *a′*, adapted to slide down the upper inclines, *b*, in turning the leaf A to the right on the leaf B, as set forth.

BERNARD P. BOGY.

In presence of—

SAML. KNIGHT,

GEO. H. KNIGHT.