

(No Model.)

W. H. E. BRANDE.
CLAMP.

No. 474,719.

Patented May 10, 1892.

Fig. IV.

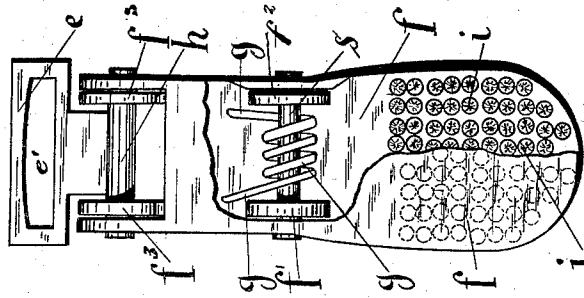


Fig. III.

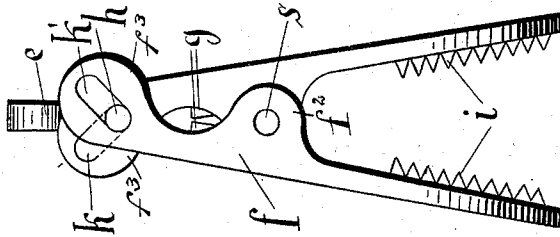


Fig. II.

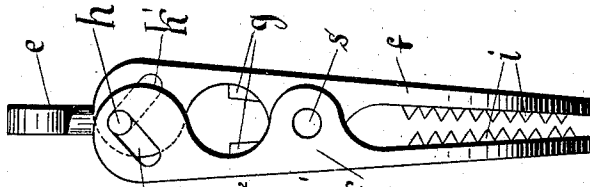
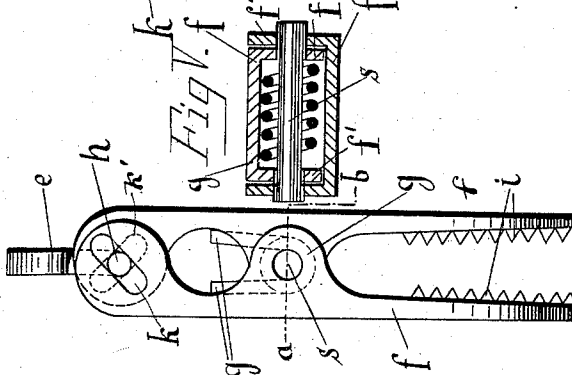


Fig. I.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILHELM HEINRICH EBERHARD BRANDE, OF HAMBURG, GERMANY.

CLAMP.

SPECIFICATION forming part of Letters Patent No. 474,719, dated May 10, 1892.

Application filed February 24, 1892. Serial No. 422,699. (No model.)

To all whom it may concern:

Be it known that I, WILHELM HEINRICH EBERHARD BRANDE, merchant, of Hamburg, in the Kingdom of Prussia and German Empire, have invented new and useful Improvements in Clamps, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a device for clamping or holding small articles of various kinds, such as documents, garments, and the like.

The invention has for its object to provide a device that will not only firmly hold the articles, but also afford increased security against unintentional disengagement from the clamping device, this being effected by the weight of the clamped articles themselves. The manner in which this object is attained by this invention is illustrated by the accompanying drawings.

Figure 1 is a side elevation of the device half open. Fig. 2 is also a side elevation, but closed. Fig. 3 shows the device in side elevation fully open. Fig. 4 is a front elevation, one jaw being partly broken away; and Fig. 5 is a cross-section on line *a b* in Fig. 1.

The improved clamp comprises two broad clamping-jaws *f f*, which are pivoted together by a pivot-pin *s*, which passes transversely through ears *f' f'*, formed on the opposing jaws *f* intermediate their ends, the ears *f'* on one jaw being received between the corresponding ears *f'* on the opposite jaw, as best shown in Fig. 5. A coiled spring *g* on the pin *s* serves to normally press the lower clamping ends of the jaws together. At the upper ends the jaws are formed with inclined slots *k k'*, produced in ears *f'*, and a pin *h*, formed on the lower end of a hanger *e*, passes through

the oppositely-ranging slots *k k'* of the respective jaws, said hanger being formed with an eye or loop *e'* for suspending the complete device from any suitable fixed hook or the like. As the jaws are suspended from the pin *h*, it is evident that their tendency is to close, owing to the slots *k k'*, and this tendency is increased in proportion to the weight of the garments or other articles clamped thereon, and in this way the articles suspended increase the clamping effect of the jaws. Pins or spurs *i* or their equivalents are formed or secured to the inner surface of the jaws for better taking hold of the articles suspended.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. A clamping device comprising two pivoted parts *f*, the lower ends of which are normally pressed together and whose upper ends are formed with inclined slots, in which works a pin, from which the device is suspended, the arrangement being such that the weight of the articles clamped by the device aids the gripping action of the lower ends of the parts *f*, such as described and shown.

2. As a new article of manufacture, a clamp comprising two jaws pivotally connected intermediate of their ends and a hanger having a pin, which projects into inclined slots produced in the upper ends of the jaws, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

WILHELM HEINRICH EBERHARD BRANDE.

Witnesses:

PAUL TRAEBNER,
FRED. SHUP.