

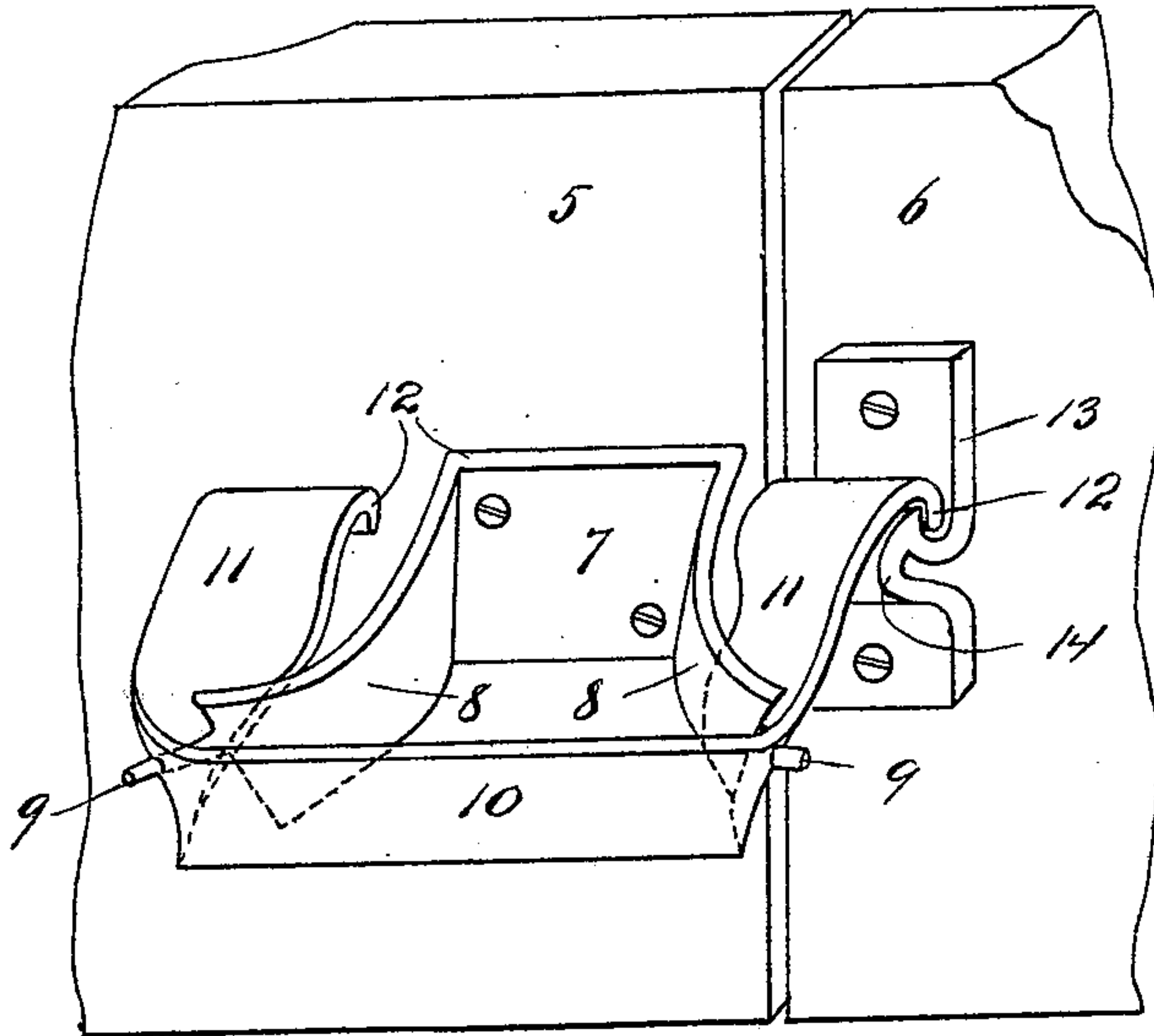
No. 622,203.

Patented Apr. 4, 1899.

W. B. BROOKER.
LATCH.

(Application filed Dec. 16, 1897.)

(No Model.)



WITNESS

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UNITED STATES PATENT OFFICE.

WILLIAM BAINBRIDGE BROOKER, OF BOOTLE, ENGLAND.

LATCH.

SPECIFICATION forming part of Letters Patent No. 622,203, dated April 4, 1899.

Application filed December 16, 1897. Serial No. 662,106. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BAINBRIDGE BROOKER, a subject of the Queen of Great Britain, residing at Bootle, in the county of Lancaster, England, have invented certain new and useful Improvements in Latches, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to fastening devices or latches for doors, gates, and the like; and the object thereof is to provide an improved device of this class which is simple in construction and operation and also comparatively inexpensive; and with these and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, said drawing being a perspective view of a part of a door and a part of the frame thereof and showing my improved fastening device connected therewith.

In the drawing forming part of this specification the separate parts of my improvement are designated by numerals of reference, and in said drawing I have shown at 5 a part of a door, or the part 5 may represent a part of a gate, and at 6 I have shown a part of the door-frame, and in the practice of my invention I secure to the door a plate 7, having outwardly-curved arms 8, which are provided at their ends with outwardly-directed pins 9, and I also provide a latch, which consists of a metal strip or bar 10, the ends of which are bent backwardly to form backwardly-curved arms 11, which are provided at their ends with downwardly-curved hooks 12, and the pins 9 pass through the plate 10 at the point where the arms 11 are bent backwardly or through the backwardly-curved portions by which said arms are formed, and as thus constructed it will be seen that the latch may be turned backward or forward by grasping the central portion thereof. I also provide a catch which consists of a plate 13, which is secured to the door-frame, or it may be secured to a gate-post, and this plate is

bent centrally to form an upwardly-directed hook 14, and when the door is closed the hook 12 on one of the arms 11 will slide up over and engage with the hook 14 on the catch-plate. This device may be employed in connection with the doors of cupboards and in many other places, and it will be apparent that one of the arms 11 may be omitted, if desired.

The purpose of having two arms 11, as shown in the drawing, is to enable the latch to be applied to either the right or left hand side, according to the way the door is hung, and while two arms are never required at one time the extra arm will add weight, acting as a counterbalance, and also preserve the symmetry of construction.

My improved fastening device or latch is simple in construction and operation and well adapted to accomplish the result for which it is intended, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

A fastening device for doors and other articles, comprising a plate secured to the door and provided with outwardly-directed and laterally-curved arms or extensions, each of which is provided with a laterally-extended pivot-pin and a catch comprising a middle portion having backwardly-directed end extensions through which said pivot-pins pass, each of said extensions being provided with a curved head or hook-shaped portion and a catch secured to the door-frame with which one of said heads or hook-shaped portions is adapted to engage, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 25th day of November, 1897.

WILLIAM BAINBRIDGE BROOKER.

Witnesses:

HY. CHORLEY CROSFIELD,
JAMES SANDERS.