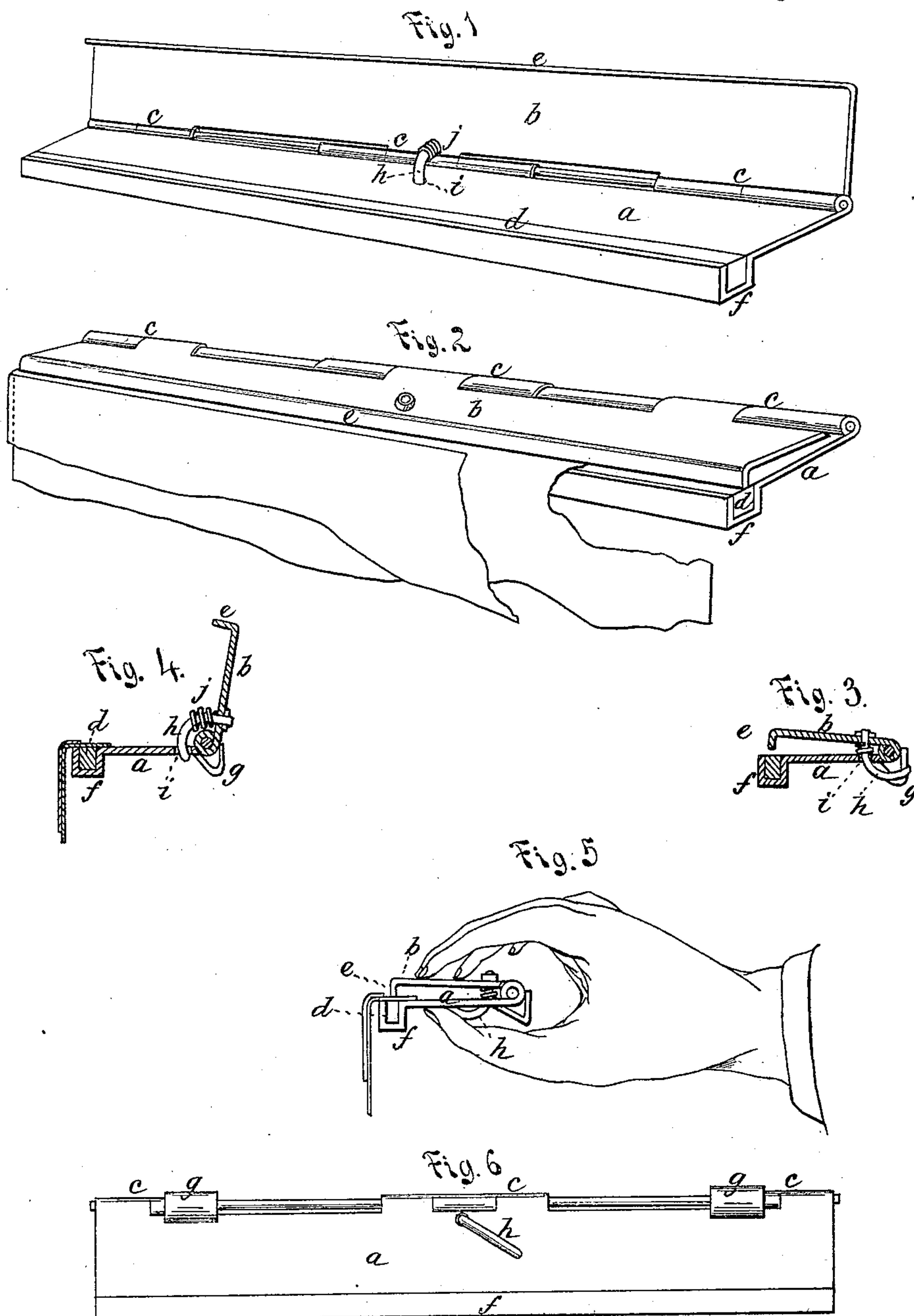


(No Model.)

W. GEIST.
WALL PAPER HANGING DEVICE.

No. 258,406.

Patented May 23, 1882.



Witnesses.
Edmund Brodhead
Howell Bartle.

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UNITED STATES PATENT OFFICE.

WILLIAM GEIST, OF PITTSBURG, PENNSYLVANIA.

WALL-PAPER-HANGING DEVICE.

SPECIFICATION forming part of Letters Patent No. 258,406, dated May 23, 1882.

Application filed March 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM GEIST, a citizen of the United States, residing at Pittsburg, county of Allegheny, and State of Pennsylvania, have invented new and useful Improvements in Devices for Hanging Wall-Paper, of which the following is a specification.

I have produced a device by which paper-hangers can hold and match the paper in the work of hanging it upon the wall. The device is of simple construction and easy to work with, and gives the advantage of keeping the hands from being soiled with paste, prevents the tearing of the paper, and facilitates the work of handling and placing the paper upon the wall.

In the drawings, Figure 1 shows the holder in open position to receive the paper. Fig. 2 shows the holder closed upon the paper; Fig. 3, a cross-section of the holder in partially open position to release the paper; Fig. 4, a similar section in open position; Fig. 5, a view showing the holder in the position it is held in handling and placing the paper upon the wall, and Fig. 6 shows the back of the device and the clamping-arm in position to hold the hinged parts closed.

The device consists of a holder of two parts, *a* and *b*, preferably of sheet-iron, each about nineteen inches long and two and a half inches wide, hinged together lengthwise, there being hinges *c* at the ends and at the middle, whereby the parts may be opened and closed so as to form a clamp. The back *a* is formed with a groove along its edge, into which is fitted a strip of rubber, *d*, and the part *b* is formed with an angle-edge lip, *e*, adapted to close and be clamped upon the rubber strip. The groove for the rubber strip is preferably formed by an offset, *f*, along the edge of the back, which serves also as a rest, there being angle-rests *g g* formed by upsetting the back at its hinged edge to support the device in level position. A curved clamping-arm, *h*, has a swiveling connection in the part *b*, and passing through a hole, *i*, in the back is adapted by its curved end, when turned over upon the back, as shown in Figs. 5 and 6, to draw the hinged parts together and to bind the angle-lip *e* upon the rubber strip, and thus clamp the paper

upon a yielding surface along the edge of the holder. In the position of the clamping-arm shown in Figs. 1 and 3 the part *b* can be opened and closed. When closed upon the paper the turning of the clamping-arm toward the clamping-edge of the part *a* closes the angle-edge upon the paper and clamps it upon the rubber strip. The opening of the clamp is limited by the angle-rests *g g*, by reason of their relation to the end hinges, and this function of a stop also retains the curved end of the clamping-arm in the hole *i* in the back, so that it cannot become detached from the back. A spring, *j*, placed upon the clamping-arm between the hinged part serves to open them sufficiently to release the clamp upon the paper, and to allow the device to be detached from the paper and to hold the clamping angle-lip free of the rubber strip when the paper is removed.

The device is used to receive and hold the paper in matching and placing it upon the wall, and in such function the paper is held firm and secure under the biting action of the clamping-edge without danger of tearing it. The paper can be laid in the holder and clamped before or after it is pasted, and it is so placed with its outside upon the rubber strip. The holder is held in one hand so as to bring the offset or angle-edge *f* of the part *a* and the pasted side of the paper against the wall. The paper is thus held its full width by one hand in position to be matched and hung to the wall. The clamping-arm of the holder is then released, the clamp slightly opened by the action of the spring, and the holder removed from the paper. As the angle-lip bites upon the pasted surface of the paper it takes up more or less of the paste; but it is held by the spring free of the rubber strip, so that the latter is kept clean and the outside of the paper is not soiled with paste. In placing the holder against the wall the paper is held by one hand with its full width, and can be easily and quickly matched, the other hand being free to line and to apply the pasted side of the paper to the wall. The style of clamping-arm which I have shown and described is both simple and convenient, and as a holder for the spring it is a desirable construction; but the

spring may be differently placed, and the clamping-arm may be of any suitable form and arrangement so long as the functions of these parts are, as I have stated, in connection with a clamp, adapted for holding wall-paper in the work of hanging and matching it. The curve of the clamping-arm conforms to an arc struck from the hinge, and when turned so as to extend over the hinge, as in Fig. 3, the clamp can be opened; but when turned in over the back, as shown in Fig. 6, the end of said arm rides upon the back and draws the hinged parts together upon the paper with a sort of wedge action. In handling the holder the paper-hanger grasps it upon the hinged part and carries and places the paper by it upon the wall, and having matched the paper and applied the clamped part to the wall he turns the clamping-arm so as to release the clamp to remove it. The piece of paper is then hung in the usual manner.

I find it necessary to give a firm and positive hold upon the paper, so as to avoid liability of slipping from the device, and for this purpose the biting-lip is made to give an unyielding edge hold upon a yielding surface, so that the paper can be handled, applied to, and taken off the wall in matching it with as much certainty as if held directly with the hands. It is also important that the spring should be arranged to act only when the device is closed, and to allow the device to stand open to receive the paper.

I claim—

1. In a device for holding wall-paper, the holder herein described, consisting of the

hinged parts *a b*, one of which has an edge rubber strip and the other an upset biting edge or lip, in combination with a swiveling curved clamping-arm, and a spring carried by said arm between the hinged parts, substantially as herein set forth.

2. In a device for hanging wall-paper, the part *a*, formed with an edge groove, and having the rubber strip seated therein, and the part *b*, hinged to the part *a*, and formed with an angle biting edge or lip, in combination with a curved clamping-arm having a swiveling connection with one part and passing through a hole in the other part, and a spring arranged upon said clamping-arm between said hinged parts, substantially as described.

3. The particular device herein described and shown for use in matching and hanging wall-paper, consisting of the hinged parts *a b*, one part having an edge rubber strip seated in a groove and the other an upset edge lip, a curved clamping-arm having a swiveling connection with one part and passing through a hole in the other part, a spring arranged upon said clamping-arm between the hinged parts, and the stops to limit the opening of the part *b* to hold it open and to support the device in level position.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM GEIST.

Witnesses:

A. M. BLAKELY,
WILLIAM S. PIER.