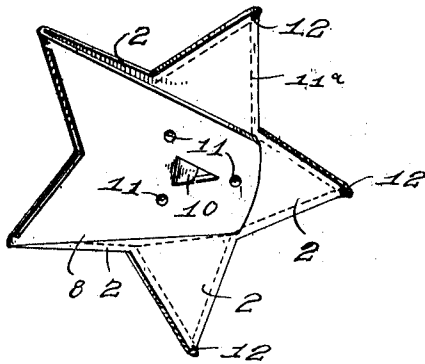


C. R. BLEAKNEY.  
 PAPER CLIP OR FASTENER.  
 APPLICATION FILED OCT. 19, 1912.

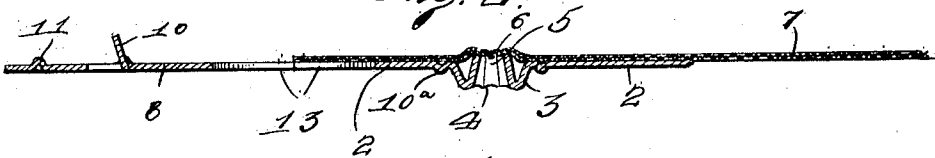
1,054,498.

Patented Feb. 25, 1913.

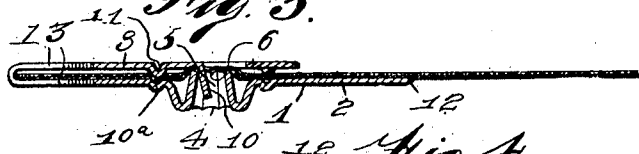
*Fig. 1.*



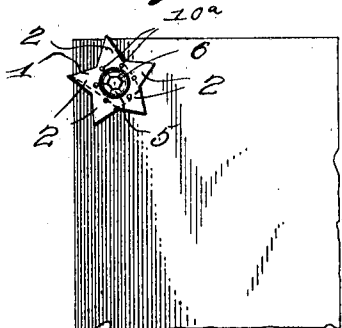
*Fig. 2.*



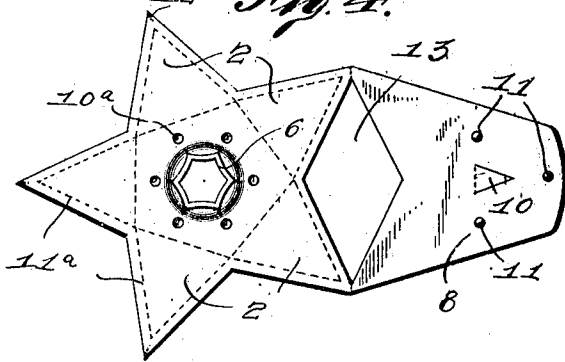
*Fig. 3.*



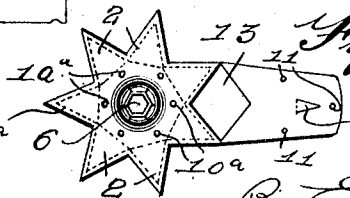
*Fig. 5.*



*Fig. 4.*



*Fig. 6.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

CHARLES R. BLEAKNEY, OF SIDNEY, OHIO.

## PAPER CLIP OR FASTENER.

1,054,498.

Specification of Letters Patent.

Patented Feb. 25, 1913.

Application filed October 19, 1912. Serial No. 726,792.

*To all whom it may concern:*

Be it known that I, CHARLES R. BLEAKNEY, a citizen of the United States, residing at Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Paper Clips or Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to paper clips or fasteners and has for its object the production of a simple and efficient paper clip which is formed from sheet metal and which may, therefore, be manufactured at a minimum cost.

Another object of the invention is the production of a simple and efficient paper clip which is so constructed as to efficiently grip the paper and prevent the clip from twisting upon the paper in such a manner as to work itself loose.

With these and other objects in view, this invention consists in general of certain novel construction, combinations and arrangements of parts, as will be hereinafter fully described, illustrated in the accompanying drawings, and specifically claimed.

In the drawings:—Figure 1 is a perspective view of the paper clip looking from the rear thereof. Fig. 2 is a longitudinal sectional view of the clip before the same is folded over the paper. Fig. 3 is a central longitudinal sectional view of the clip after the same is folded upon the paper. Fig. 4 is a plan view of the clip before the same is folded. Fig. 5 is a plan view of the device in its folded condition straddling a corner of a sheet of paper showing the manner in which the device appears upon a sheet of paper. Fig. 6 is a plan view of a modified form of the invention showing a seven-point star.

By referring to the drawings by numerals it will be seen that the clip is formed from sheet metal and comprises a body 1 which is preferably formed in the shape of a star so as to produce a plurality of diverging points which will efficiently grip the paper and prevent the device from slipping upon the paper adapted to be clipped thereby. As illustrated in Figs. 1 and 4 the body 1 is preferably provided with five points 2. Of course, it should be understood, however, that any number of points such as five, six, seven or eight may be employed and still ac-

complish the same purpose, as is illustrated in Fig. 7 wherein a seven-pointed star is employed.

The body 1 is provided with an outwardly punched rim 3 which rim constitutes a finger gripping means, and this rim is scalloped so as to produce a plurality of roughened portions around its periphery as indicated at 4. By means of this roughened portion the finger may readily grip the body of the fastener and more easily hold the same in a set position upon the paper, while fastening the same thereon.

An aperture 5 is formed centrally of the body 1 and constitutes a substantially thimble like inwardly projecting flange. The edge of this flange is provided with a plurality of scallops 6 which scallops are adapted to grip the paper sheet 7 for firmly holding the body 1 in engagement with the paper.

A clamping section 8 is connected to the body 1 by having its legs each connected to a pair of points 2. This clamping section 8 is adapted to be bent down upon the body 1 so as to extend parallel thereto. The clamping section 8 is provided with an inwardly punched substantially V-shaped tongue 10 which tongue is adapted to register with the opening 5 and penetrate the paper sheet 7 adapted to be clipped by the fastener. A plurality of slightly punched portions constituting reinforcing knobs 11 are formed near the corners of the aperture which is formed by punching the tongue 10 and it will be seen that these reinforcing portions will greatly reinforce the device near the tongue 10.

A plurality of punched-in portions 10<sup>a</sup> are formed around the rim 3 and some of these punched-in portions 10<sup>a</sup> are adapted to register with the punched-in portions 11 formed upon the clamping section 8. The punched portions 10<sup>a</sup> and 11 will cause the paper to be firmly gripped between the body 1 and the section 8 by forcing the paper in the pockets formed in the punched-in portions 10<sup>a</sup> as illustrated in Fig. 3 thereby constituting an additional gripping means for holding the paper in engagement with the paper fastener. The body 1 of the star may be scored as indicated at 11<sup>a</sup> for the purpose of decoration.

The ends 12 of the points 2 are bent inwardly so as to grip the paper sheet 7

and prevent the paper fastener or clip from twisting upon the paper after once being secured thereto.

It will be seen that by having the plurality of diverging arms having their outer ends gripping the paper, the paper clip will be efficiently held upon the paper sheet and prevented from twisting and thereby becoming detached from the paper.

In operation the device is preferably placed over the corner of a sheet of paper as illustrated in Fig. 5, having the corner of the paper passing through the aperture 13 formed between the body 1 and the clamping portion 8. The star body 1 is preferably placed upon the top of the sheet and will thereby constitute a decorating means for the paper. Of course, it should be understood that the paper fastener or clip will act efficiently also if placed over the sides of a sheet of paper instead of the corner as illustrated in Fig. 5.

From the foregoing description and by carefully considering Figs. 2 and 3, it will be seen that the inwardly extending flange formed around the aperture 5 protrudes beyond the inner edge of the body 1 thereby constituting a means for efficiently gripping the paper and clamping the paper between the clamping member and the upper scalloped or roughened edge 6. It will be further obvious that by having the star straddling the corner of the paper in the manner as illustrated in Fig. 5, the paper fastener will be even more securely held against movement upon the paper after once being secured thereto.

Having thus described the invention, what is claimed as new, is:—

1. A paper fastener of the class described comprising a body provided with a plurality of radiating points, said points terminating in in-turned outer ends, an outwardly projecting flange formed centrally of said body and provided with a roughened periphery, said body provided with an aperture, a flange formed around said aperture and extending inwardly relative to said body and projecting beyond the inner face of said body, said flange provided with a roughened inner edge adapted to firmly grip

a plurality of sheets of paper for holding the paper in engagement with said body, and a clamping section adapted to be folded upon said body and provided with a penetrating tongue adapted to pass through said aperture and penetrate the paper engaged by said body for firmly clamping the paper in engagement with said body.

2. A paper clip of the class described comprising a substantially star-shaped body comprising a plurality of points, the ends of said points being bent inwardly for constituting a paper gripping means for holding the body against swinging movement upon a plurality of sheets of paper, finger gripping means formed upon said body, said body provided with a central aperture, paper clipping means formed upon said body, a clamping section secured to said body adapted to be folded thereon, said clamping section provided with a plurality of legs secured to some of the points of said body, said body provided with an aperture formed therein adjacent said clamping section for allowing a plurality of sheets of paper to pass therethrough whereby said body will be firmly held upon said paper against a swinging movement thereon.

3. A paper fastener of the class described comprising a body provided with a plurality of radiating points, said points terminating in inwardly bent ends adapted to grip a plurality of sheets of paper for preventing the body from twisting thereon, said body provided with a plurality of punched portions constituting paper receiving sockets, a clamping section secured to said body provided with a plurality of punched-in portions adapted to clamp a plurality of sheets of paper between said body and said clamping section whereby said paper will be forced in said sockets formed in said body for firmly holding said paper fastener upon said paper.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

CHARLES R. BLEAKNEY

Witnesses:

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