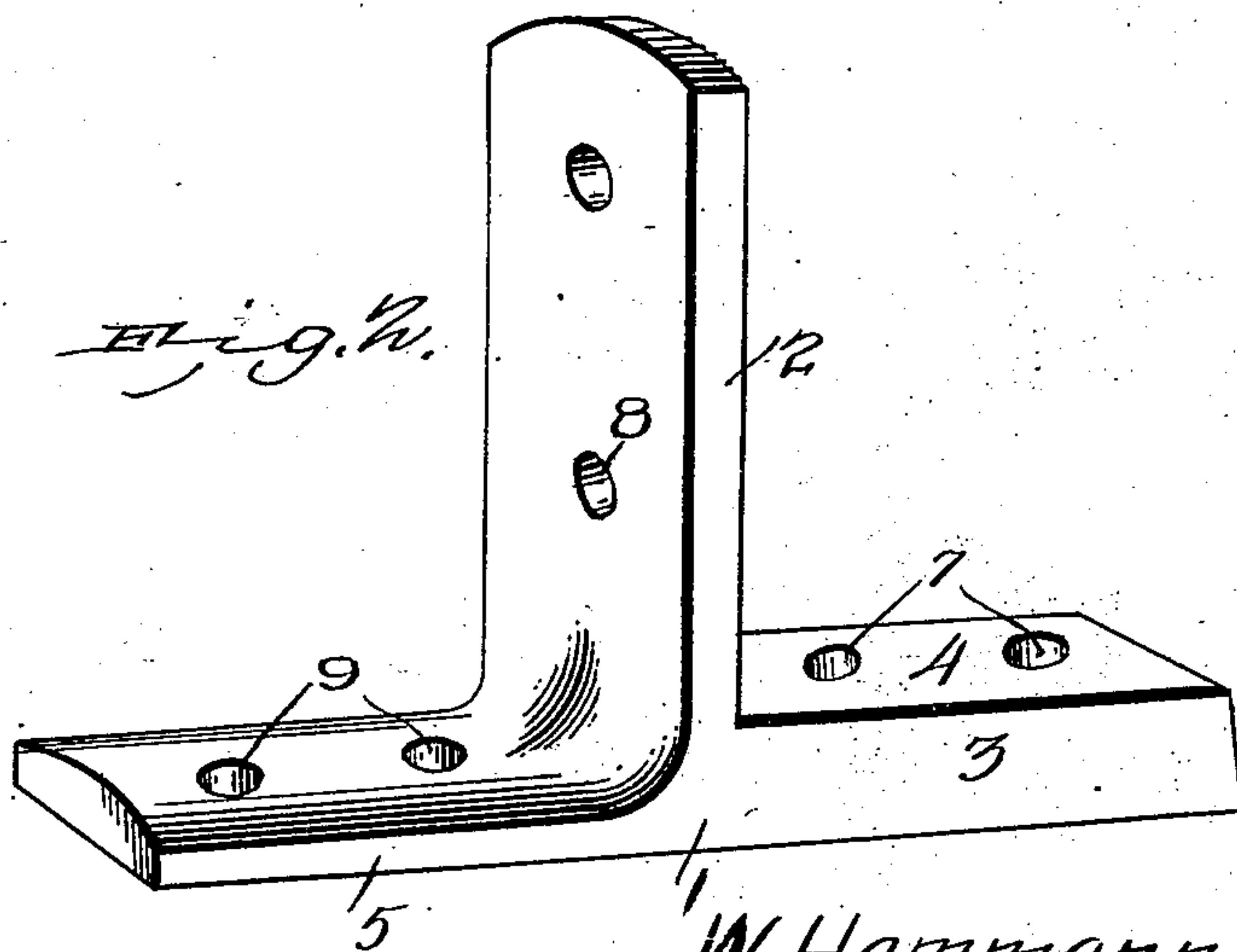
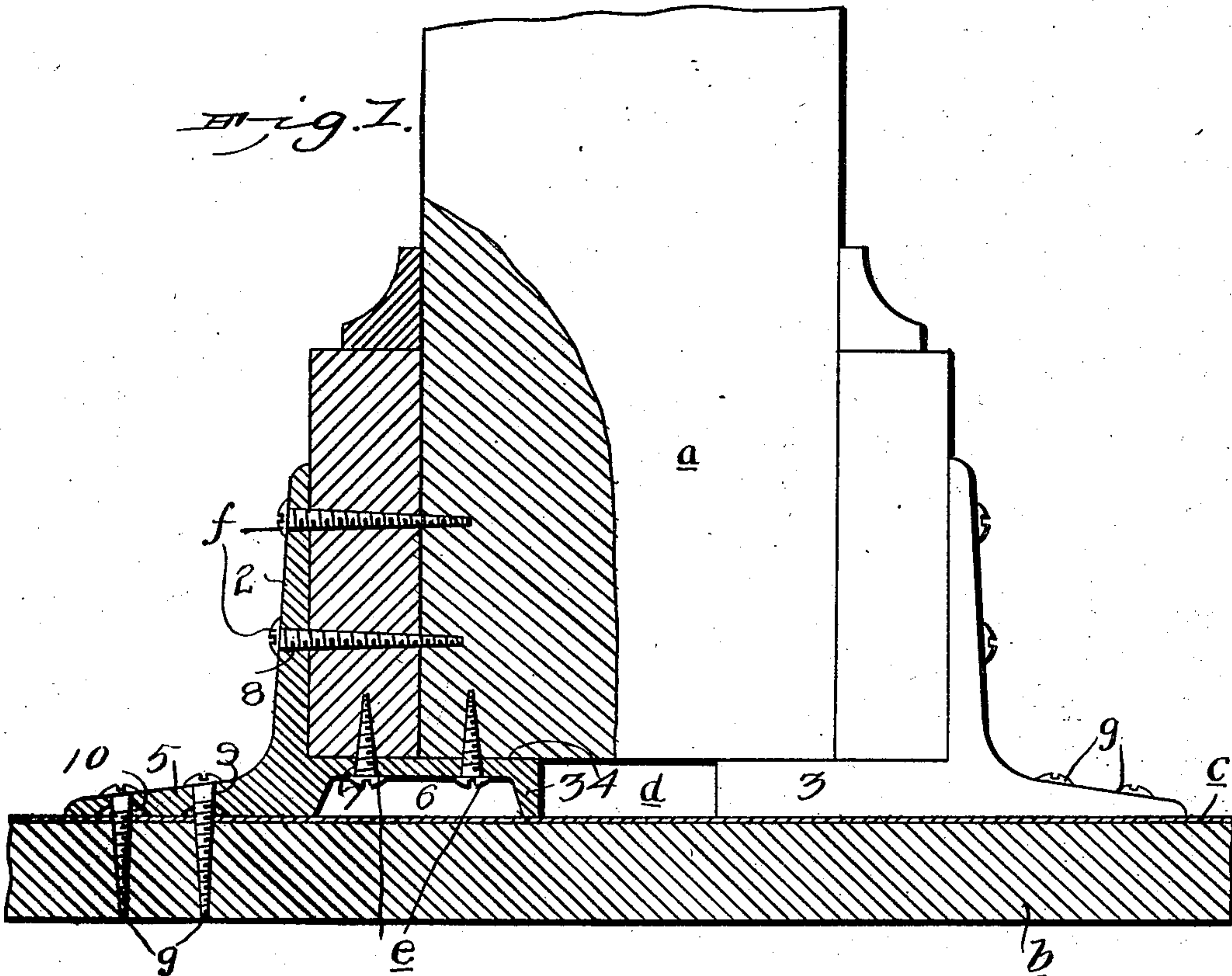


No. 723,669.

PATENTED MAR. 24, 1903.

W. HAMMANN.  
ANCHOR FOR RAILING POSTS.  
APPLICATION FILED JULY 16, 1902.

NO MODEL.



Witnesses  
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# UNITED STATES PATENT OFFICE.

WILLIAM HAMMANN, OF MILWAUKEE, WISCONSIN.

## ANCHOR FOR RAILING-POSTS.

SPECIFICATION forming part of Letters Patent No. 723,669, dated March 24, 1903.

Application filed July 15, 1902. Serial No. 115,714. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HAMMANN, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Anchor for Railing-Posts, of which the following is a specification.

My invention is an improved anchor for railing-posts and the like, especially adapted for use in securing the base of a post on a 10 tinned deck or roof and for preserving the base of the post from decay and the tinned deck or roof from corrosion without the necessity of flashing the base of the post or a 15 block to fit in a recess in the base thereof, as has heretofore been the practice, a further object of my invention being to provide a light, cheap, and simple anchor which may be readily secured on a roof or deck and to 20 which the base of a post may be readily and securely fastened and by means of which the base of the post may be spaced from a deck or roof to admit of the circulation of air under the base of the post; and my invention 25 consists in the peculiar construction and combination of devices hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is partly an elevation and partly a sectional 30 view showing a pair of my improved post-anchors disposed in operative relation to a deck or roof and a post and securing the latter in place. Fig. 2 is a detail perspective view of one of my improved post-anchors.

35 My improved post-anchor comprises a base 1 and an upright or angle arm 2, which rises from the center thereof. That portion of the base 1 which extends from the inner side of the anchor-arm 2 forms a shoulder 3, the upper 40 side 4 of which is preferably plane and is at right angles to the inner side of the arm 2. That portion of the base which extends beyond the outer side of the arm 2 forms a brace-arm 5, which is in line with the shoulder 3, 45 as shown.

My improved post-anchor may be made of any suitable metal. When it is made of a metal which readily corrodes, it should be plated with a non-corrodible metal.

50 My improved post-anchor may be made of any suitable size. The height of the shoulder 3 should be such as to form a sufficient

space under the base of the post, which rests on the said shoulder, to permit air to circulate under the base of the post, and thereby 55 prevent the same from decaying. The base-shoulder 3 is formed with a recess 6 in its under side and is provided in its upper side with openings 7 for the screws or nails employed to secure the shoulder under the base 60 of the post. The arm 2 bears against one side of the post and is secured thereto by screws or nails and is provided with openings therefor. The outwardly-extending brace-arm 5 bears on the deck or surface on which 65 the post is secured and is a part of the base of the anchor, as hereinbefore stated. This brace-arm is provided with openings 9 for screws or nails, which are employed to secure the post-anchor on the roof, deck, or 70 other surface. In the under side of the arm 5 are countersunk recesses 10 around the openings 9, which recesses should be of sufficient size to receive a packing of rubber, cement, or the like to prevent moisture from 75 working through the openings 9 around the nails or screws therein to the under side of the brace-arm 5.

In Fig. 1 of the drawings I show a railing-post *a* secured on a roof or deck *b* by means 80 of a pair of my improved post-anchors, the latter being disposed on opposite sides of the post, with their shoulders 3 extending under the base thereof and supporting the post above the roof or deck and forming an air- 85 space *d* between their opposing ends and under the base of the post. The post-anchors are secured directly on the tin *c*, with which the roof or deck is covered. It will be understood that the post-anchors are first secured 90 to the post by the screws or nails *e f* and that before the post is fastened to the roof or deck by the screws or nails *g*, which pass through the openings 9 in the brace-arms 5 of the post-anchors and enter the roof or deck, 95 the countersunk recesses 10 will be filled with a packing of rubber, cement, or other suitable material, as hereinbefore stated. It will be observed that the recesses 6 in the under sides of the shoulders 3 prevent the heads of 100 the nails or screws *e* from coming in contact with the tin on the roof or deck, and the said recesses also reduce the weight of the post-anchors without weakening them. In the



event that the anchors are soldered on the tin or other metal covering of the roof or deck the cement or rubber packing will be dispensed with, and the countersunk openings 5 or recesses 10 will allow a sufficient quantity of the solder to set under the anchors to effectually secure them in place.

At the angle formed by the arms 2 5 is a shoulder which greatly strengthens the post- 10 anchor, as will be understood.

Heretofore it has been usual to flash the bases of railing-posts set on a tinned deck or roof, or where the posts were provided with sockets in their under ends to receive blocks 15 secured on the deck or roof it has been usual to flash said blocks. My improved post-anchors enable such flashing to be dispensed with. Any carpenter by the use of my improved post-anchors may readily and very 20 firmly secure the posts of railings or the like on a tinned roof or deck without the assistance of a tinsmith, as will be readily seen from an inspection of Fig. 1 of the drawings. Two or more of my improved post-anchors 25 may be employed at the base of each post, according to the size of the latter and to requirements of the case. The air-space *d*, formed under the base of the post and between the opposing ends of the shoulders 3 of 30 the anchors, prevents the base of the post from decaying by permitting air to circulate freely thereunder, and this also prevents the tinned roof or deck from corroding under the base of the post.

35 Having thus described my invention, I claim—

1. The combination with a post of a plurality of anchors comprising upwardly-extend-

ing angle-arms located at the sides of the post, and inwardly-extending base-shoulders 40 receiving the post and spaced apart beneath the same to form a recess, substantially as described.

2. The combination with a post of a plurality of anchors comprising upwardly-extend- 45 ing angle-arms arranged at the sides of the post and having inwardly-extending base-shoulders spaced apart and provided with recesses forming air-spaces beneath the post, substantially as described. 50

3. The combination with a post of a plurality of anchors comprising base-shoulders spaced apart and recessed at their undersides and having openings communicating with the recesses, upstanding angle-arms arranged at 55 the sides of the post and brace-arms extending outward from the base-shoulders, substantially as described.

4. An anchor for posts and the like, comprising a base-shoulder, recessed on its under 60 side, an upstanding angle-arm, and a brace-arm projecting outwardly from the base-shoulder and angle-arm at their point of intersection, said brace-arm having openings for the reception of screws and the like and 65 having recesses in its under side communicating with said openings, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 70 the presence of two witnesses.

WILLIAM HAMMANN.

Witnesses:

JOSEPH J. MEYER,  
JULIUS BODENSTAB.