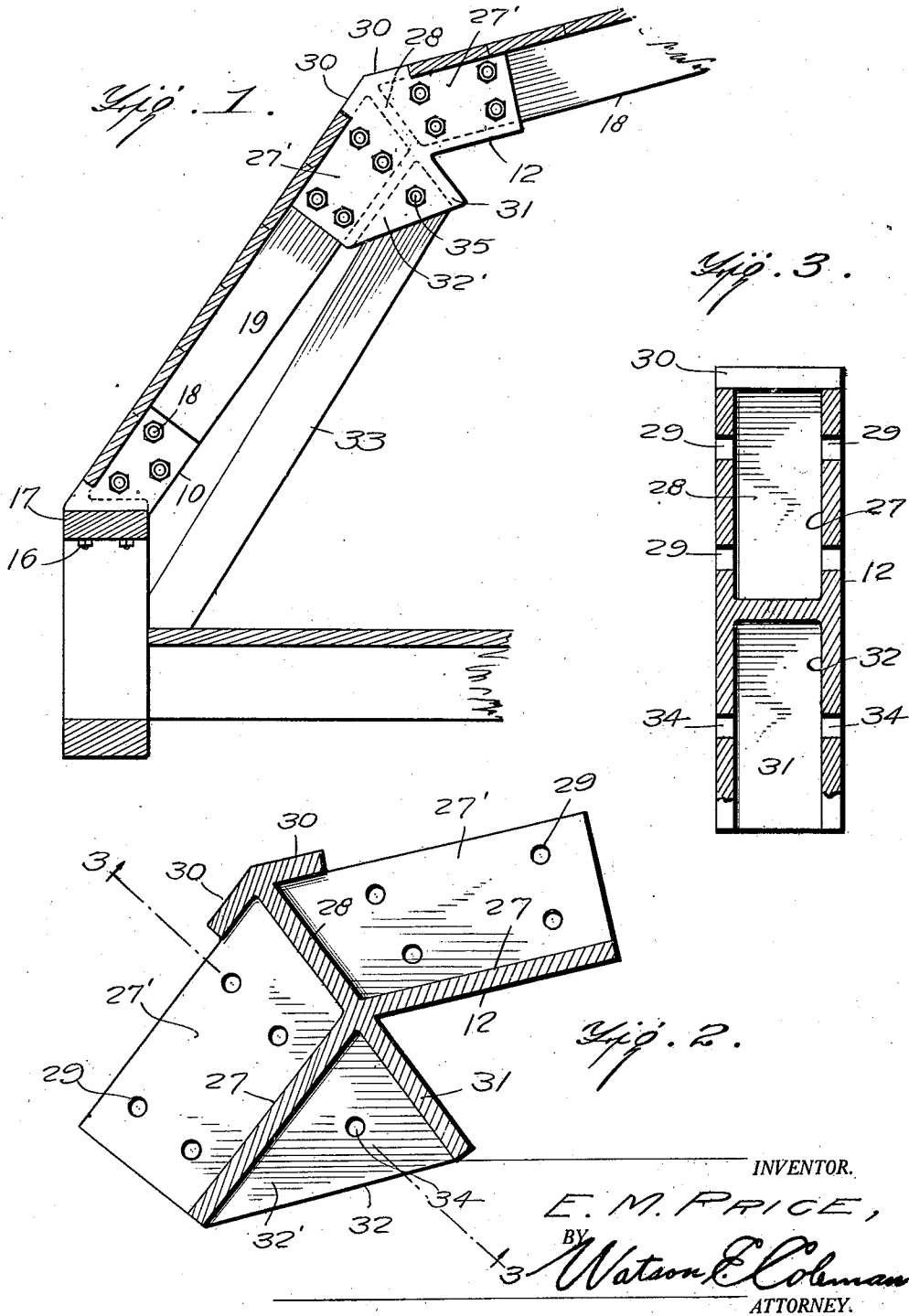


E. M. PRICE.
ROOFING BRACKET.
APPLICATION FILED JUNE 19, 1920.

1,369,837.

Patented Mar. 1, 1921.
2 SHEETS—SHEET 1.



INVENTOR.

E. M. PRICE,

BY

Watson & Coleman

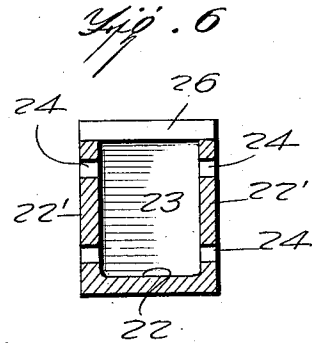
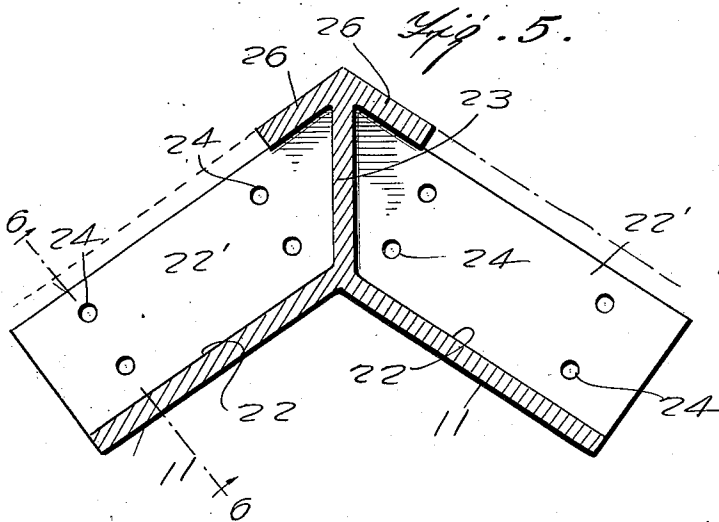
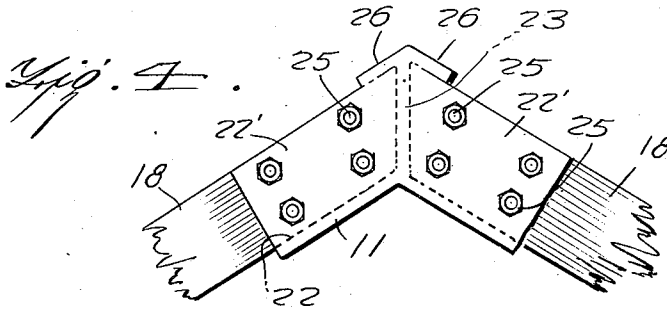
ATTORNEY.

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UNITED STATES PATENT OFFICE.

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ROOFING-BRACKET.

1,369,837.

Specification of Letters Patent.

Patented Mar. 1, 1921.

Application filed June 19, 1920. Serial No. 390,108.

To all whom it may concern:

Be it known that I, ERI M. PRICE, a citizen of the United States, residing at Percival, in the county of Fremont and State of Iowa, have invented certain new and useful Improvements in Roofing-Brackets, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in roofing brackets and more particularly to brackets adapted for attaching rafters employed in supporting a roof, at the plates, hips and peaks of roofs.

15 An important object of the invention is to provide a unitary bracket embodying a socket or sockets adapted for the reception of the ends of the rafters, said socket having the upper or outer face thereof open in order that the sheathing may be readily attached to the rafters.

20 A further object of the invention is to provide a bracket having a socket of the type described and likewise provided at the end of the socket which receives the end of the rafter, with an overhanging shoulder forming a retaining portion for the rafter to prevent displacement thereof through the open side of the socket, such overhanging shoulder being preferably of the same thickness as the sheathing which is employed.

25 A further object is to provide in combination with the compound sockets which receive the adjoining ends of the rafters at the hip or the peak of the roof, a third integral socket adapted for the reception of the brace.

30 Other objects and advantages of the invention will become apparent throughout the course of the following description.

35 In the accompanying drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein like reference characters designate like parts throughout:

40 Figure 1 is a side elevation illustrating the use of my plate and hip joint brackets.

Fig. 2 is a longitudinal sectional view taken through the hip joint bracket.

50 Fig. 3 is a section taken on the line 3—3 of Fig. 2.

Fig. 4 is a side elevation illustrating the use of the peak bracket.

Fig. 5 is a longitudinal sectional view taken through the peak bracket, and

Fig. 6 is a section taken on the line 6—6 of Fig. 5.

Referring now more particularly to the drawings, the numeral 10 indicates a plate socket or a socket adapted to receive the lower end of the rafter or that portion of the rafter which normally contacts the plate, usually designated as the foot thereof.

The numeral 11 indicates a compound bracket adapted to receive the upper adjoining ends of the rafters at the peak of the roof and the numeral 12 indicates a compound socket adapted for the reception of the adjoining ends of the rafters at the hip of the roof. It will be observed that the socket 12 is shown as provided with means for the reception of a brace. It will be understood that the socket 11 will likewise be provided with said brace receiving means if so desired. It will also be understood that each of the sockets illustrated may be adapted for use with any of the standard sizes of building material used for rafters, as 2 x 4, 2 x 6, etc.

The bracket 11 comprises a pair of angularly disposed U shaped socket members 22 connected at their adjoining ends by an integral connecting wall 23, which sockets, as clearly shown, have open tops and are provided in the side walls 22' thereof which form the arms of the U with openings 24 for the reception of bolts 25 by means of which the rafter 18 may be securely connected within the bracket. Each socket 22 is provided at the upper end thereof with an overhanging shoulder 26 for the purpose of retaining the rafter against upward displacement. As shown these overhanging shoulders are formed integrally with one another and with the dividing wall 23 and are of the same thickness as the sheathing, which is indicated by the dotted lines. It will be obvious, that the bracket is a unitary structure, solidly connected and will serve to firmly connect the upper adjoining ends of rafters either at the hip or peak of a roof. It will, of course, be understood that in the construction of my brackets the angle between the sockets 22 will be governed by the pitch or angulation of the adjoining rafters.

The bracket 12 comprises a pair of angularly disposed U shaped members 27 connected by a dividing wall 28. The side walls 27' forming the arms of the U of the sockets 27 are provided with openings 29 for the reception of attaching bolts whereby the inserted ends of the rafters 18 and 19 may be firmly secured within the sockets. Each socket 27 is provided with an overhanging shoulder 30 formed integrally with the inner or adjacent ends of the side walls 27' of the sockets 27 and formed integrally with one another and with the dividing wall 28. It will be seen that the construction of the bracket 12 in so far as it has been described is exactly similar to that of the bracket 11.

The connecting wall 28 is continued through the base of the socket members 27 to form one wall 31 of a socket 32 which is completed by side webs 32' forming continuations of the side walls 27' of one of the sockets 27. The socket 32 is adapted for the reception of one end of a brace 33, the side walls 32' being provided with openings 34 for the reception of retaining bolts 35 by means of which the brace is securely fastened within the socket.

It will be obvious to those familiar with the art that the sockets illustrated merely show one size and pitch of the bracket and that therefore, the drawings may be considered in merely an illustrative and not a limiting sense. It will likewise be obvious that many changes in the shape, size and general arrangement of the parts herein shown may be resorted to without in any manner departing from the spirit of the invention or the scope of the subjoined claims.

Having now described my invention, what I claim is:

1. In a roofing bracket, a pair of substantially U shaped angularly disposed sockets connected at their adjoining ends by a common wall, said sockets having the open sides thereof upwardly disposed, and an overhanging shoulder formed upon each of said sockets and connecting the upper ends of the arms of the U adjacent said connecting wall.

2. In a roofing bracket, a pair of substantially U shaped angularly disposed sockets connected at their adjoining ends by a common wall, said sockets having the open sides thereof upwardly disposed, and an overhanging shoulder formed upon each of said sockets and connecting the upper ends of the arms of the U adjacent said connecting wall, said overhanging shoulders being formed integrally with one another and with said connecting wall.

3. In a roofing bracket, a pair of substantially U shaped angularly disposed sockets connected at their adjoining ends by a common wall, said sockets having the open sides upwardly disposed, an overhanging shoulder formed upon each of said sockets and connecting the upper ends of the arms of the U adjacent said connecting wall, said connecting wall being continued downwardly below the bottoms of said sockets and webs forming continuations of the side walls of one of said sockets connecting said socket to the continuation of said connecting wall.

In testimony whereof I hereunto affix my signature.

ERI M. PRICE.