

C. H. SPARKS.
GUTTER BRACKET.
APPLICATION FILED FEB. 2, 1912.

1,036,924.

Patented Aug. 27, 1912.

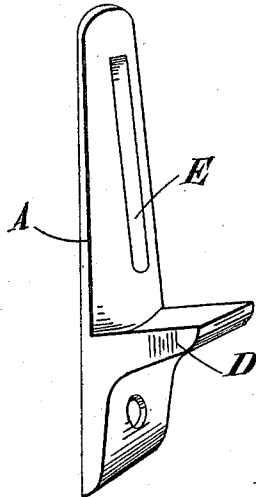


Fig. 1.

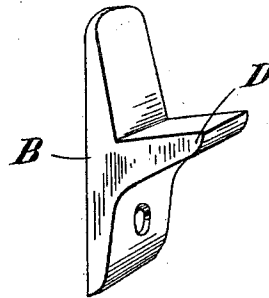


Fig. 2.

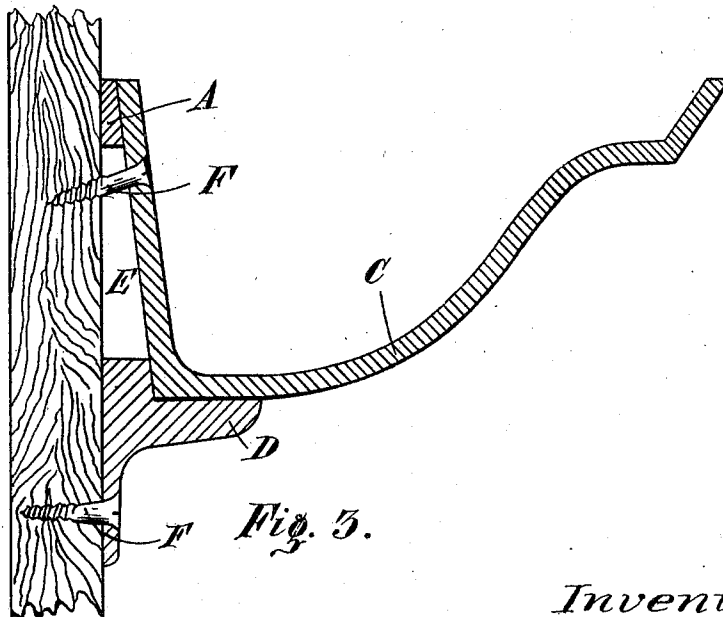


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES HENRY SPARKS, OF LONDON, ENGLAND.

GUTTER-BRACKET.

1,036,924.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES HENRY SPARKS, a subject of the King of Great Britain, residing at London, England, have invented certain new and useful Improvements in Gutter-Brackets, of which the following is a specification.

This invention relates to an improved device for supporting rain water gutters as applied to houses and other buildings; and the objects of the improvements are, firstly, to provide a stronger support for the gutter than has usually been the case hitherto; and, secondly, to support the ordinary iron gutter on a building so that it shall better be able to withstand deterioration due to weather conditions than heretofore.

The accompanying drawings illustrate the invention.

Figure 1 is a perspective view showing the gutter supporting and fixing bracket; Fig. 2 shows a wedge piece, or auxiliary support, for use between the fixing brackets; and Fig. 3 shows in section a gutter and its support attached to the fascia board of the building to which it is applied.

The invention is applicable mainly to cast iron gutters such as C, which constitute by far the largest proportion of all gutters made, and by reason of the exigencies of the sand molding process for making these gutters the wall angle of the gutter is usually a little greater than a right angle so that when the back of the gutter is fixed parallel with the fascia board G the projecting edge of the gutter is somewhat lower in level.

In my invention by first attaching the bracket A to the fascia board G by means of the lower screw F, and then attaching the gutter C by the upper screw F, so that the weight of the gutter rests on the lug D many advantages are secured; firstly the back of the bracket A is tapered so as to bring the two edges of the gutter on the same horizontal level, thus insuring the maximum water way in practice; secondly, by bringing the wall side of the gutter com-

pletely out of contact with the fascia board G an air space is provided thus minimizing the chance of the back of the gutter rusting away and increasing the life of the gutter; and thirdly, the gutter is more firmly supported than if fixed by the screw F direct to the board G. The slot E allows for variation in the position of the screw hole in the standard gutters as now sold. The wedge piece B is for the purpose of giving additional support between the brackets A when required or for supporting connections and short lengths of gutter which at present are frequently only supported by their joints on adjoining lengths.

What I claim as my invention and desire to secure by Letters Patent is:—

1. The combination of an eaves gutter, having the attaching wall thereof at an obtuse angle with the base thereof, a supporting bracket having a projecting lug to support the base of the gutter and an upwardly tapering wall piece for location between the attaching wall of the gutter and the fascia board of the eaves, and means common to both gutter and bracket for securing them to said fascia board.

2. The combination of an eaves gutter, having the attaching wall at an obtuse angle with the base thereof, provided with screw holes near its upper edge, a supporting bracket having an outwardly projecting lug to support the base of the gutter and a perforated downwardly projecting lug and an upwardly tapering slotted wall piece for location between the attaching wall of the gutter and the fascia board of the eaves to be supplied with the gutter, and screws located in the downwardly projecting lug and through the perforation of the attaching wall of the gutter and the slot in the upwardly projecting wall piece of the bracket.

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

CHARLES HENRY SPARKS.

Witnesses:

H. D. JAMESON,
C. P. LIDDON.