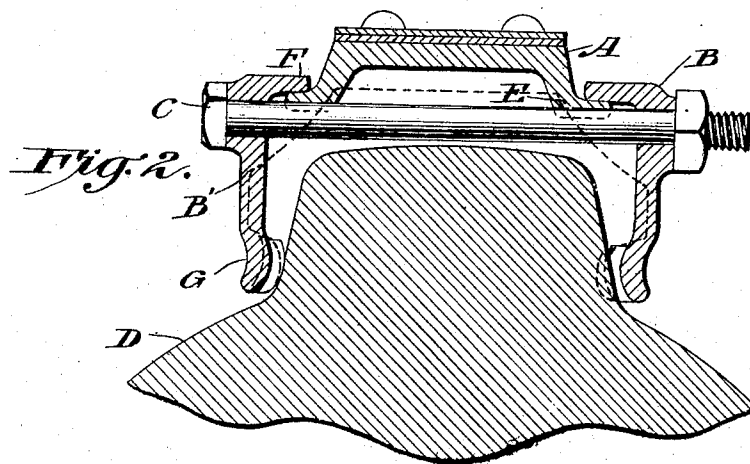
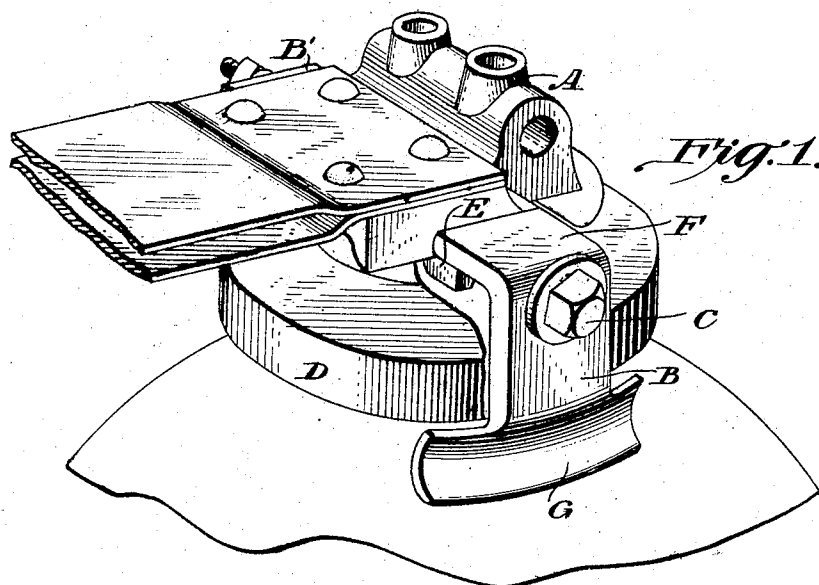


J. S. THOMPSON.
 MEANS OF FASTENING ELECTRIC CONDUCTORS TO INSULATORS.
 APPLICATION FILED MAR. 22, 1911.

1,022,161.

Patented Apr. 2, 1912.



Witnesses:
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 E. E. Angus

Inventor:
 Joseph S. Thompson

UNITED STATES PATENT OFFICE.

JOSEPH SEXTON THOMPSON, OF MILL VALLEY, CALIFORNIA.

MEANS OF FASTENING ELECTRIC CONDUCTORS TO INSULATORS.

1,022,161.

Specification of Letters Patent.

Patented Apr. 2, 1912.

Application filed March 22, 1911. Serial No. 616,116.

To all whom it may concern:

Be it known that I, JOSEPH SEXTON THOMPSON, a citizen of the United States, residing in Mill Valley, in the county of Marin and State of California, have invented a new and useful Means of Fastening Electric Conductors to Insulators, of which the following is a specification.

My invention relates to improvements in clamping devices suited for use in supporting switch contacts and parts, fuse fittings, bus-bar clamps or holders, and other electrical conductors and devices, on insulators such as the ordinary porcelain line insulators, and the objects of my improvement are, first, to secure a firm and unyielding support with a minimum of parts, and second, to permit the free and unobstructed use of the groove around the top of the insulator for tying or wrapping a line wire or connecting wire, if desired. I attain this object by the device illustrated in the accompanying drawing, in which—

Figure 1 is a top perspective view showing the general assembly of the parts, and Fig. 2 is a sectional view showing all the parts in their proper relation.

Similar letters refer to similar parts throughout the several views.

The mechanism or group forming my device consists of the parts A, B, and B', and the bolt C, the pieces B and B' being exactly alike.

Part A is designed to set on the flat top of the insulator D, and has downwardly set projecting ears E, which engage in the groove across the head of the insulator, so formed that they also engage the extension

F of the castings B and B', and also so formed, with a groove on their under side, that they set astride of the bolt C, helping to hold it and the parts B and B' in line. Such other shaping of the part A as may best suit it to the various needs of switch, or other, work can be variable and forms no part of my invention.

Part B is so shaped that its upper extension engages the ear E of part A, and so that it admits of the placing of the bolt C as shown, and so that its two ears G fit suitably in the groove of the insulator D. Part B is also shaped with a groove extending across it from the outer ends of the ears G, in such a manner as to conform to the groove of the insulator so that it forms no obstruction to the wrapping or tying of wires around the insulator.

In my applying of this invention I do not limit myself to any particular size or shape of insulator, or any particular material of which to make the parts.

What I claim, is:—

A device for supporting and fastening electric conductors or parts to insulators, comprising a central portion to which is fastened the conductor or part, and two clamping pieces to embrace the central portion and the insulator, the whole held in position by one bolt only.

In witness whereof I have hereunto set my hand this 25th day of January 1911.

JOSEPH SEXTON THOMPSON.

Witnesses:

L. P. VAN ATTA,
EDWARD F. SIXTUS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."