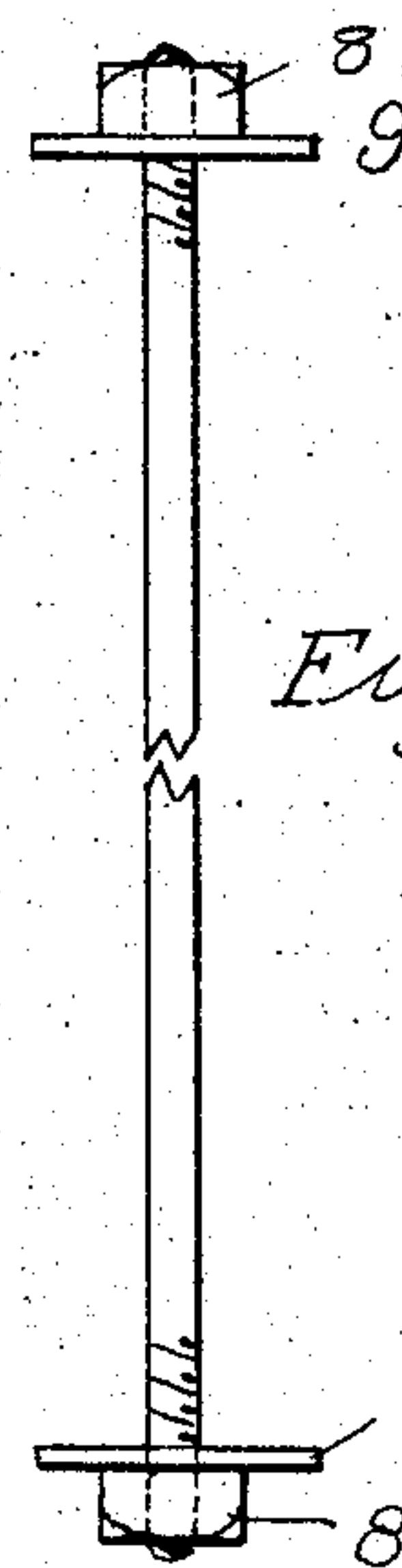
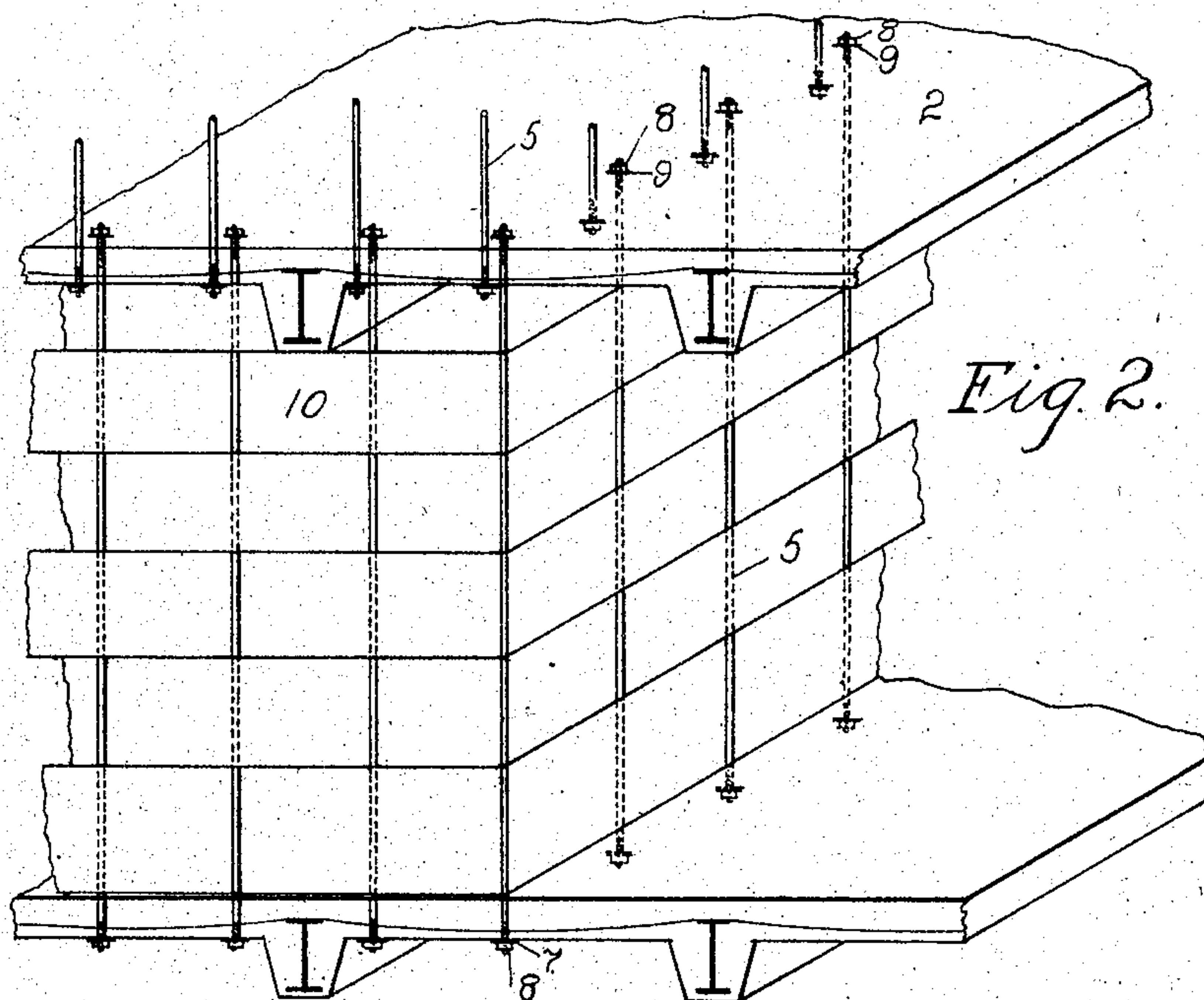
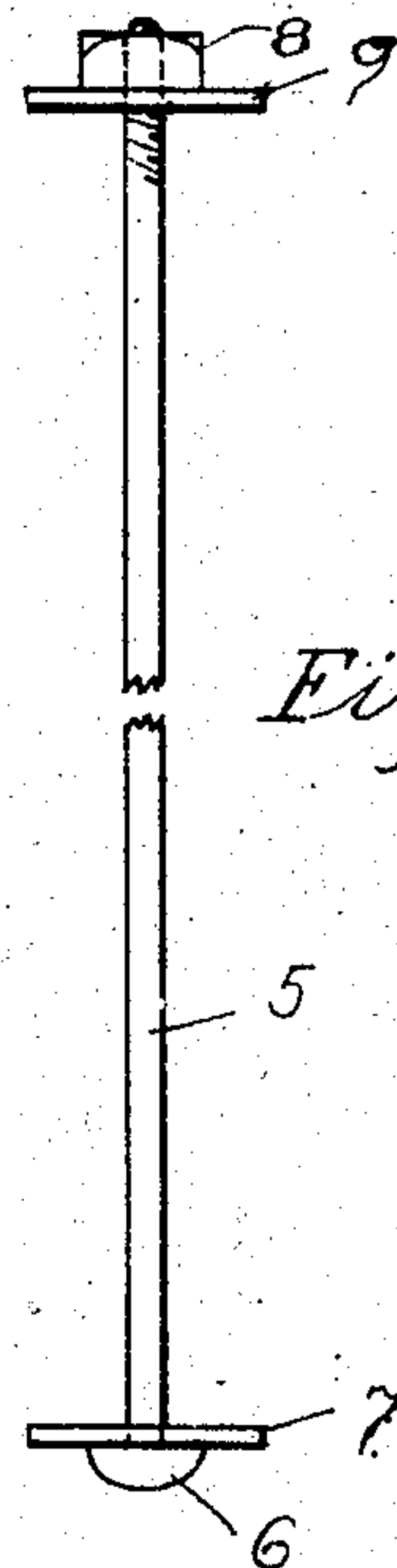
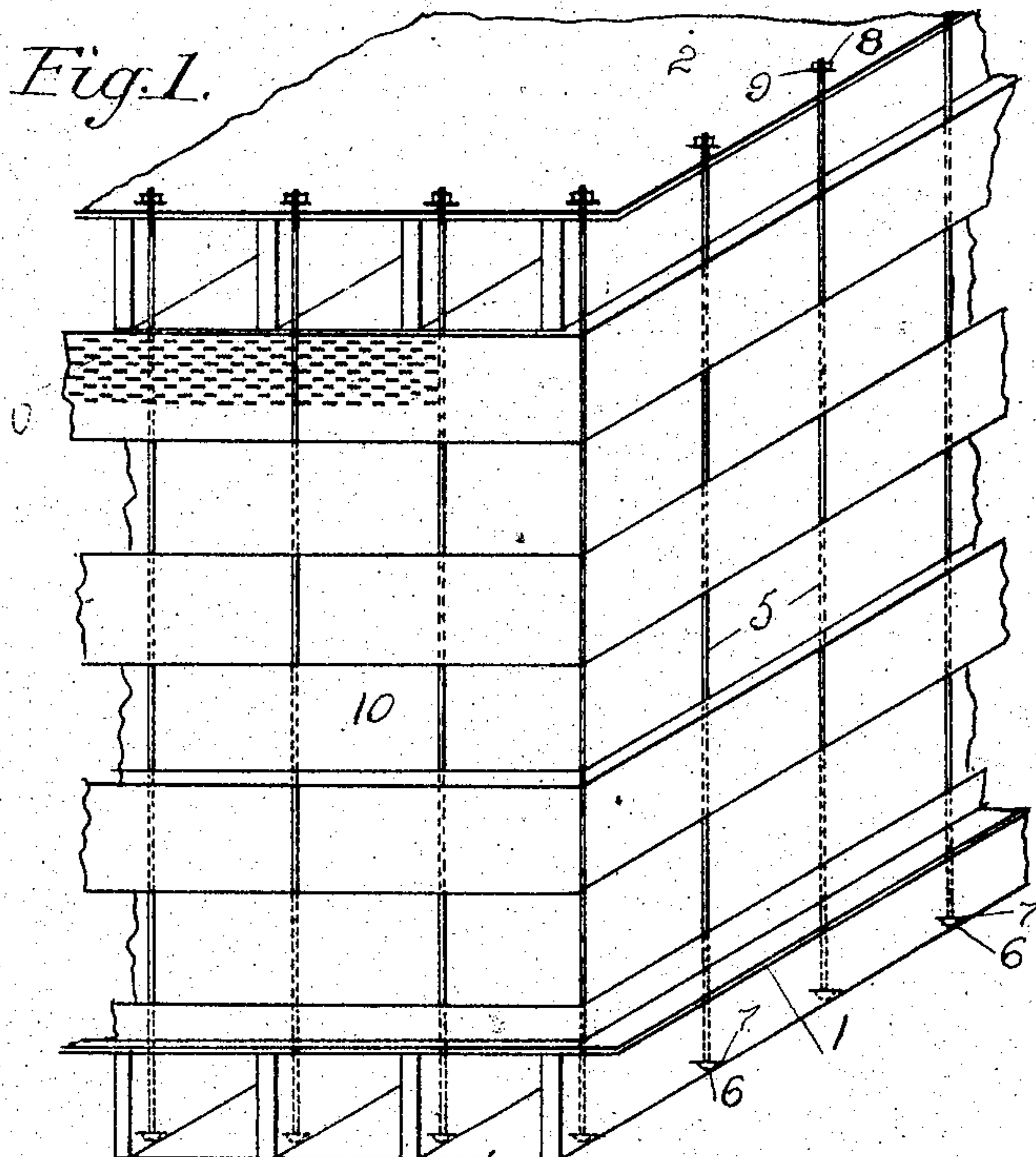


No. 786,826.

PATENTED APR. 11, 1905.

R. MARKGRAF.
PARTITION CONSTRUCTION.
APPLICATION FILED MAR. 15, 1904.



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UNITED STATES PATENT OFFICE.

RUDOLF MARKGRAF, OF KANSAS CITY, MISSOURI.

PARTITION CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 786,826, dated April 11, 1905.

Application filed March 15, 1904. Serial No. 198,257.

To all whom it may concern:

Be it known that I, RUDOLF MARKGRAF, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Partition Construction; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My present invention relates to a partition construction, and has for its object to provide a partition which will be simple and economical in construction and which can be easily erected in any building.

A further object of my invention is to provide improved details of structure, hereinafter described, and pointed out in the claim, reference being had to the drawings, forming part of this specification, in which like reference-numerals refer to like parts throughout the several views, and in which—

Figure 1 is a perspective view of a partitioned space, showing the rods and filler. Fig. 2 is a similar view showing a modification of the rods. Fig. 3 is a detail view of one of the rods. Fig. 4 is a detail view showing a modification of the rod.

Referring more in detail to the drawings, 1 and 2 are the floors of a building which are provided with my improved partition. Floors 1 and 2 are provided with perforations, through which is inserted a rod 5, having a bolt-head 6 at one end adapted to rest on a washer 7, surrounding rod 5 and seated on floor 1. The opposite end of rod 5 is screw-threaded to carry a tightening-nut 8, which is separated from floor 2 by a washer 8. If it is so desired, rod 5 may be threaded on both ends and carry

two tightening-nuts, so that rod 5 may be tensioned from either end. By having a series of such rods connecting the floors of a building a frame is provided on which the metal lath 10 or other suitable material adapted to receive and hold the plaster is supported. Strips 10 are passed backward and forward between rods 5, each successive strip alternating in its passage, so that they support each other, the bottom strip resting on the floor, the second on the first, and so on to the top. The ends of the strips may be anchored in any suitable manner to the sides of the building.

My partition is adapted for either board or concrete floors, and by having the rods tensioned in the manner described a perfectly rigid partition is assured.

I do not wish to be understood as limiting myself to the exact details of construction herein shown and described, inasmuch as the same may be varied without departing from the spirit of my invention.

Having thus described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

In a partition, the combination of a series of rods extending through perforations in the floors above and below the space to be partitioned, each rod having a bolt-head at one end and being screw-threaded at its other end, a nut on the threaded end of each of said rods for tightening same, washers between said bolt-head and its adjacent floor and between said nut and its adjacent floor, and strips of metal lath passed backward and forward between said rods substantially as set forth.

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

RUDOLF MARKGRAF.

Witnesses:

WILL W. HALL,

WALTER A. BESECKE.