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ATTACHMENT FOR FURNITURE LEGS
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JOSEPH SALOMON, OF CHICAGO, ILLINOIS.

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To all whom it may concern:

Be it known that I, JOSEPH SALOMON, a citizen of the United States, residing at the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Attachments for Furniture Legs, of which the following is a specification.

My invention relates to furniture which is supported by metal legs, and particularly when formed from angle bars. It may be illustrated by the construction shown in my pending patent application No. 235,222. This consists of a chair of very solid and substantial construction, and the legs are formed from angle iron or steel of suitable size. But here, as in all similar construction, it is necessary to provide some device by which the floor will be protected against the lower ends of the legs, and which will form a sliding contact therefor. This can best be done by means of metallic caps which, for convenience of movement over the floor, may have rounded faces commonly known in the trade, by the name of "domes." But there has been great difficulty in securing such articles to the ends of the chair legs so as to withstand the severe usage to which they are subjected without displacement.

It is the object of my present invention to provide devices of this character which shall be of neat and attractive appearance; to provide means by which they may be cheaply constructed with very trifling waste of material, and by which they can be applied to the chair leg in such a manner as practically to become a part thereof, this being done without the use of rivets or special preparation of the chair leg or of the device itself.

The principles of my invention are illustrated in the drawings, in which—

Fig. 1 shows a stool formed with legs constructed from angle bars;

Fig. 2 is an inside view of one of the said legs having my device attached;

Fig. 3 is a blank showing my device in its initial stage;

Fig. 4 shows the blank after the first operation has been performed thereon;

Fig. 5 shows the result of the second operation, and

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

Further describing my invention with reference to the drawings, in which like characters of reference denote like parts throughout:

The stool shown in Fig. 1, which is of very simple character for illustrative purposes, only, shows a top 1, supported by legs 2, which are formed from metal angle bars, and which are connected by the braces 3. The lower ends of said legs are provided with the devices 4, which are the subject matter of my present invention, and which are shown enlarged to practically full size in Fig. 2. A perspective view of a blank from which my improved device may be formed is shown in Fig. 3, and consists of a base portion 5, uprights 6 extending from the base portion at substantially right angles to each other, and wings 7, extended from the said uprights on the non-adjacent sides thereof at substantially right angles to the uprights. The steps for bringing the same to its final form from such blank are very simple and consist; first, in folding the wings 7 at substantially right angles to the supports 6, which should be done upon the dotted line 8, which is a prolongation of the line 9, being one side of the upright 6. The result will be as shown in Fig. 4. The next operation is to bend each upright to a position at right angles to the body portion upon a line 10, which is substantially a prolongation of the side 6' of the other upright. At the same time and by the same press operation a depression, indicated by the dotted line 12 of Fig. 4, may be made, causing a rounded projection 13 on the other side of the body portion. The result of these operations is shown in Fig. 5, in which the device is complete ready for attachment to the chair leg. When the latter is placed within the rectangle formed by the uprights 6, and the wings 7, the wings may be bent downwardly upon the flanges 14 of the leg 2, so as to closely embrace them: And when done by suitable mechanism and power, reversely off-set areas 15 may be created which will extend to the interior faces of the angle and form depressions with which such off-set portions will engage, thereby securing the device against possibility of accidental displacement.

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

1. A shoe for the lower end of a furniture leg formed from a blank struck from flat metal, said blank embodying a substantially
circular base portion, right angle extensions carried by the base portion, a right angle extension carried by each aforementioned extension and being of an area substantially half of the area of the first mentioned extension, said blank being bent at the points of connection between the base portion and the first named extension and further bent at the points of connection between the connected extensions with the adjacent extensions forming perpendicularly disposed gripping members.

2. A shoe for the lower end of a furniture leg formed from a blank struck from flat metal, said blank embodying a substantially circular base portion, right angle extensions carried by the base portion, a right angle extension carried by each aforementioned extension and being of an area substantially half of the area of the first mentioned extension, said blank being bent at the points of connection between the base portion and the first named extensions and further bent at the points of connection between the connected extensions with the extensions arranged in parallelism and forming perpendicularly disposed gripping members, and depressions formed in the last named extension of the blank for frictionally gripping the furniture leg.

3. A shoe for the lower end of a furniture leg formed from a blank struck from flat metal, said blank embodying a substantially circular base portion, right angle extensions carried by the base portion, a right angle extension carried by each aforementioned extension and being of an area substantially half of the area of the first mentioned extension, said blank being bent at the points of connection between the base portion and the first named extensions with the adjacent edges of said extensions moved into proximity to each other, and further bent at the point of connection between the connected extensions to form perpendicularly disposed leg gripping members with the last named extension spaced upwardly of the base portion with the upper end of the first named extension and one edge of the side wall of the second named extension lying in the same plane.

In witness whereof, I have hereunto subscribed my name this 26th day of March 1919, at Chicago, Cook County, Illinois.

JOSEPH SALOMON.