

A. J. HIGSON.
 ROLLER BEARING.
 APPLICATION FILED NOV. 6, 1917.

1,381,191.

Patented June 14, 1921.

Fig 1

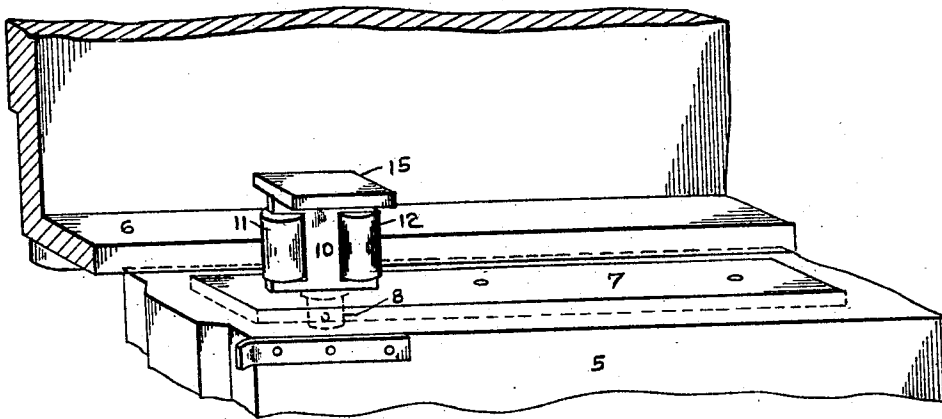


Fig 2

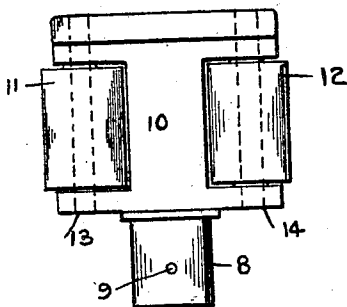


Fig 3

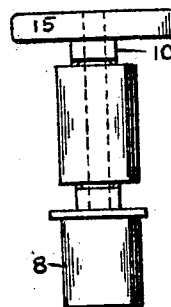
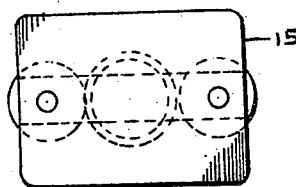


Fig 4



Inventor
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 By *his* Attorney *Shaw & Hill*

UNITED STATES PATENT OFFICE.

ALBERT J. HIGSON, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO THE J. G. WILSON CORPORATION, A CORPORATION OF VIRGINIA.

ROLLER-BEARING.

1,381,191.

Specification of Letters Patent. Patented June 14, 1921.

Application filed November 6, 1917. Serial No. 200,612.

To all whom it may concern:

Be it known that I, ALBERT J. HIGSON, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Roller-Bearings, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in roller bearings for folding partitions and more particularly has reference to a top guide bearing for a partition adapted to be folded in sections.

Referring to the accompanying drawings, Figure 1 illustrates in perspective, with parts broken away, the upper part of a folding partition and guide showing the roller bearing embodying an application of my invention. Fig. 2 is a front elevation of the roller bearing alone. Fig. 3 is a view at right angles thereto, and Fig. 4 a view looking down upon the same.

5 indicates a door or section of a folding partition, and 6 one side of the top guide therefor. 7 indicates a suitable plate or base preferably screwed into the top of the partition 5 as shown and serving as a support for the roller bearing which is provided with a base shank 8 which passes through the plate 7 and has a hole 9 through which a cotter pin may be inserted for holding the bearing in position upon the plate 7. The body portion of the bearing is preferably in the shape of a T-iron in cross-section as shown, the web or stem of the T-iron 10 being preferably cut away to receive the rollers 11—12 upon the pins 13—14 which project through the uncut-away base portion of the web 10 and through the top of the bearing as shown. This arrangement

reduces the friction of the bearing in the top guide while at the same time providing a sufficient overhanging flange or stop 15 at the top to prevent the bearing from being jolted out of the guide.

Of course it will be understood that various modifications may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

I claim:

1. A bearing of the class described comprising a body portion substantially T-shaped in cross-section and roller bearings pivotally secured in the web of said body portion.

2. A bearing of the class described comprising a body portion substantially T-shaped in cross-section and roller bearings pivotally secured in the web of said body portion, a spindle extending beneath said web, a base plate, and means for rotatably securing said spindle therein.

3. In a bearing of the class described having a body portion substantially T-shaped in cross-section, a roller bearing having an axis substantially parallel with the stem of said T-shaped body portion.

4. In a bearing of the class described having a body portion substantially T-shaped in cross-section, a roller bearing having an axis substantially parallel with the stem of said T-shaped body portion, the base of said body portion being pivotally mounted.

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

ALBERT J. HIGSON.

Witnesses:

ANNA F. DUFFY,
THOMAS A. HILL.