Oct. 24, 1939. M. GREITZER 2,177,387

FURNITURE PEDESTAL

Filed May 13, 1938

FIG. 1.

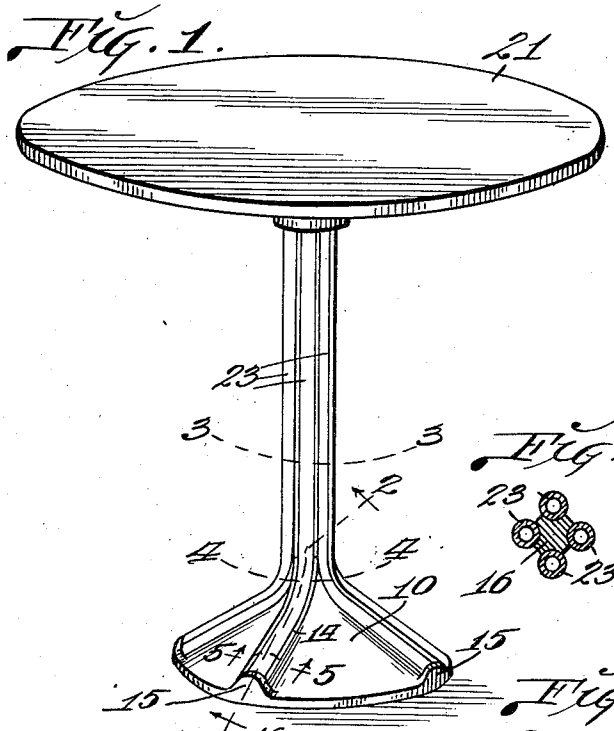


FIG. 9.

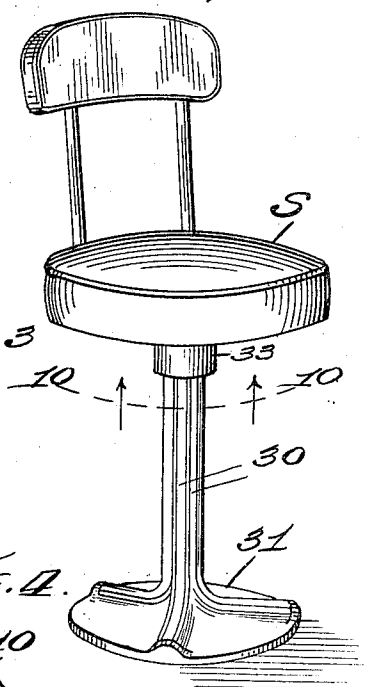


FIG. 3

FIG. 4.

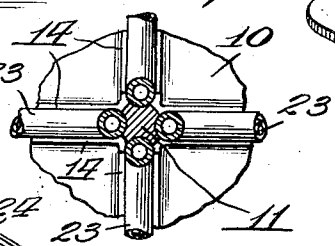


FIG. 2.

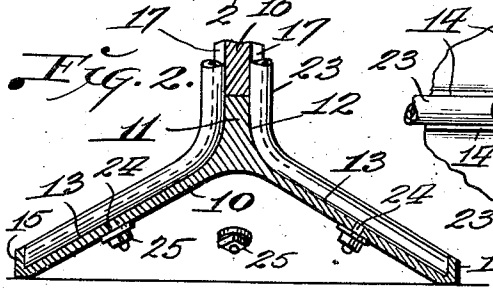


FIG. 5.

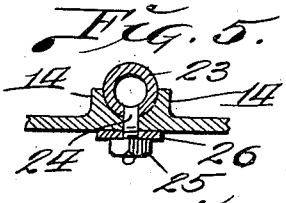


FIG. 6.

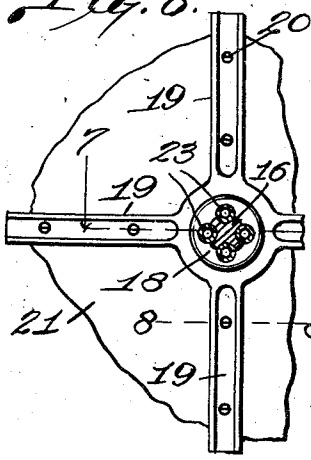


FIG. 7.

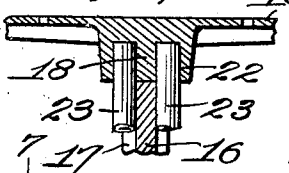


FIG. 8

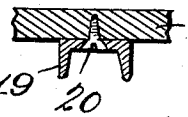


FIG. 10

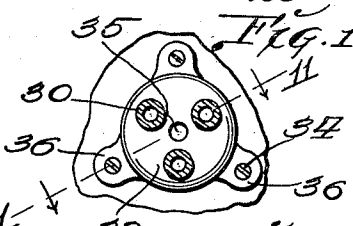
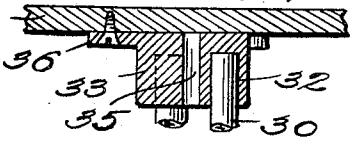


FIG. 11.



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FURNITURE PEDESTAL

Meyer Greitzer, Los Angeles, Calif.

Application May 13, 1938, Serial No. 207,727

5 Claims. (Cl. 248—158)

My invention relates generally to furniture and more particularly to a pedestal for tables, stools and the like, and the principal object of my invention is to provide an all metal pedestal that is relatively simple in construction, inexpensive of manufacture, having maximum strength and rigidity, and which presents a neat, finished and pleasing appearance when utilized as a support for a table top or the seat of a stool.

A further object of my invention, is to provide a pedestal of the character referred to that comprises a base, preferably of cast metal, a standard or dado composed of a plurality of tubes of metal and a frame or spider that is rigidly connected to the upper end of the standard or dado and which provides a support and point of attachment for a table top or seat structure.

A further object of my invention, is to provide a pedestal wherein the means utilized for rigidly fastening the standard or dado portion of the pedestal to the base is hid from view, although readily accessible when the parts of the pedestal are assembled or taken apart and thus the finished pedestal presents a neat and pleasing appearance.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will be hereinafter more fully described and claimed and illustrated in the accompanying drawing in which:

Fig. 1 is a perspective view of a pedestal constructed in accordance with my invention and of the type utilized for supporting a table top.

Fig. 2 is an enlarged vertical section taken on the line 2—2 of Fig. 1.

Fig. 3 is an enlarged horizontal section taken on the line 3—3 of Fig. 1.

Fig. 4 is a horizontal section taken on the line 4—4 of Fig. 1.

Fig. 5 is an enlarged cross section taken on the line 5—5 of Fig. 1.

Fig. 6 is a view looking against the under side of the spider or frame that is utilized at the top of the pedestal for supporting a table top.

Fig. 7 is a detail section taken approximately on the line 7—7 of Fig. 6.

Fig. 8 is an enlarged detail section taken on the line 8—8 of Fig. 6.

Fig. 9 is a perspective view of a pedestal constructed in accordance with my invention and of the type utilized for supporting the seat of a stool.

Fig. 10 is an enlarged detail section taken on the line 10—10 of Fig. 9.

Fig. 11 is a cross section taken on the line 11—11 of Fig. 10.

Referring by numerals to the accompanying drawing and particularly to the form of pedestal illustrated in Figs. 1 to 8 inclusive, 10 designates a low hollow conical base, preferably cast in a single piece, and projecting upwardly from the apex of the base is a short standard 11.

Formed in the surface of the short standard 11 is a plurality; for instance, three, four or more vertically disposed grooves 12 that are continuations of corresponding grooves 13 that are formed on the upper surface of the conical base 10.

The grooves 13 on the top of base 10, are formed between parallel ribs 14 that are formed integral with the base, which ribs extend to the lower edge of the base. Formed integral with the base and the lower ends of ribs 14, are upwardly projecting lugs 15 that close the lower ends of the grooves 13 and provide fixed stops for the lower ends of the tubes that are seated in said grooves.

The lower end of a core 16, preferably of cast metal, rests on top of the short standard 11 and formed in the outer face of this core, are vertically disposed grooves 17 that communicate with the upper ends of the grooves 12 in said core and receive the vertically disposed portions of the tubes utilized in the construction of the pedestal.

Resting on top of core 16, is the hub or central portion 18 of a spider that includes a plurality of radially disposed arms 19 that are formed integral with said hub and which arms are preferably channel-shape in cross section. These arms are suitably secured, preferably by means of screws 20, to a table top 21 which may be of any desired shape and constructed of wood, metal, composition, or a combination thereof. Formed in the hub 18, are recesses 22 that register with the upper ends of the grooves 17 that are formed in core 16.

Occupying the grooves 17 in core 16, are the vertically disposed portions of metal tubes 23 that are utilized in the construction of the pedestal, the upper ends of said tubes being seated in the recesses 22 in the hub 18 of the spider that carries the table top.

The lower portions of the tubes 23 are bent outwardly so as to occupy inclined positions corresponding to the inclination of the upper face of the base 10 and these inclined portions occupy the grooves 12 in member 11 and the grooves 13 on the top of base 10 between the ribs 14.

When properly positioned on the base, the lower ends of the inclined portions of the tubes 23 bear directly against the lugs 15 that extend across the lower ends of the grooves 13.

To rigidly secure the tubes to the base and to maintain the vertical portions of the tubes in proper assembled relation with core 16, one or more short threaded stems such as 24, are rigidly secured by welding or otherwise to the inclined lower portion of each tube 23 and this stem or stems pass through the wall of the base 10 and applied to said stems on the under side of said base are nuts 25 and washers 26.

Thus the means utilized for holding the parts of the pedestal in assembled relation are hid from view and there are no exposed nuts, bolts, screws or the like, to interfere with or affect the finished appearance of the pedestal.

In Figs. 9, 10 and 11, I have illustrated my invention embodied in a pedestal particularly designed as a support for the seats of stools, chairs and the like, and in such construction a plurality of metal tubes **30** similar to the tubes **23** are used and the out-turned lower portions of said tubes are seated in grooves that are formed in the upper surface of a base **31**. This base may be of low conical construction or practically flat as illustrated in Fig. 9 and the outwardly bent portions of the tubes **30** are secured to said base in any suitable manner, but preferably by means of studs similar to the studs **24** and which receive nuts similar to the nuts **25**.

The upper ends of the tubes **30** project into recesses **32** that are formed in a block **33** and the latter being suitably secured to the under side of a stool or chair seat S preferably by screws **34** that pass through ears **36**, the latter being formed integral with block **33**.

The block **33** is provided with a vertically disposed centrally arranged aperture **35** that is adapted to receive a pin that depends from the center of the seat S and thus the seat may be mounted to rotate on the upper end of the pedestal.

Thus it will be seen that I have provided a pedestal for supporting table tops, stool or chair seats and the like, which pedestal is relatively simple in construction, inexpensive of manufacture and very effective in performing the functions for which it is intended.

The use of a plurality of metal tubes with a cast metal base produces the desired strength, rigidity and stability and the means utilized for attaching the lower portions of the legs to the base produces in effect a unitary structure and there are no exposed fastening devices, such as screws, bolts, nuts and the like.

It will be understood that minor changes in the size, form and construction of the various parts of my improved furniture pedestal, may be made and substituted for those herein shown and described, without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. A furniture pedestal comprising a base provided in its upper surface with a plurality of radially disposed grooves, a plurality of vertically disposed tubes projecting upwardly from the center of said base and having their lower portions bent outwardly and extending longitudinally throughout the length of said grooves and means mounted on the upper ends of the tubes for receiving and supporting a table top, a seat or the like.

2. A furniture pedestal comprising a base provided in its upper surface with a plurality of radially disposed grooves, a plurality of tubes having their lower portions bent outwardly and positioned in said grooves, means mounted on the upper ends of the tubes for receiving and supporting a table top, a seat or the like and lugs formed on the base at the outer ends of the grooves therein, which lugs are engaged by the ends of the out-turned lower portions of said tubes.

3. In a pedestal for furniture, a base provided on its upper surface with a plurality of radially disposed grooves, a core projecting upwardly from the center of said base, said core being provided with grooves that register with the grooves formed in the top of the base, tubes seated in the grooves in said base and core and means for securing the lower portions of said tubes to said base.

4. A pedestal for furniture as set forth in claim 3 and with lugs formed on the base at the outer ends of the grooves therein, which lugs provide bearings for the lower ends of said tubes.

5. A pedestal for furniture comprising a base provided in its upper surface with a plurality of radially disposed grooves, a plurality of tubes having their lower portions positioned in said grooves and secured to said base, a spider carried by the upper ends of said tubes for receiving and supporting a table top, seat or the like and a grooved core positioned between said tubes and extending from said base to said spider.

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