

No. 687,760.

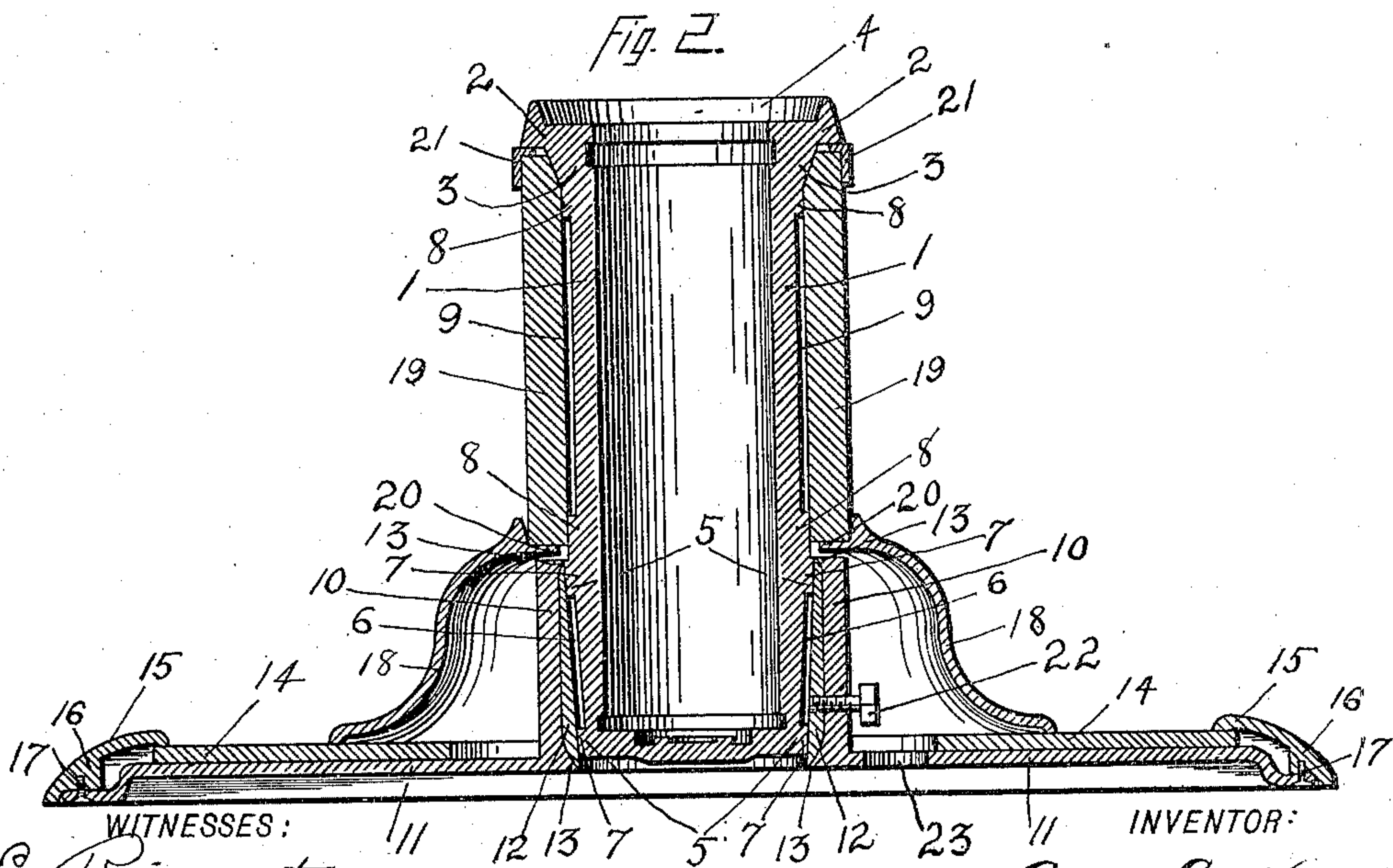
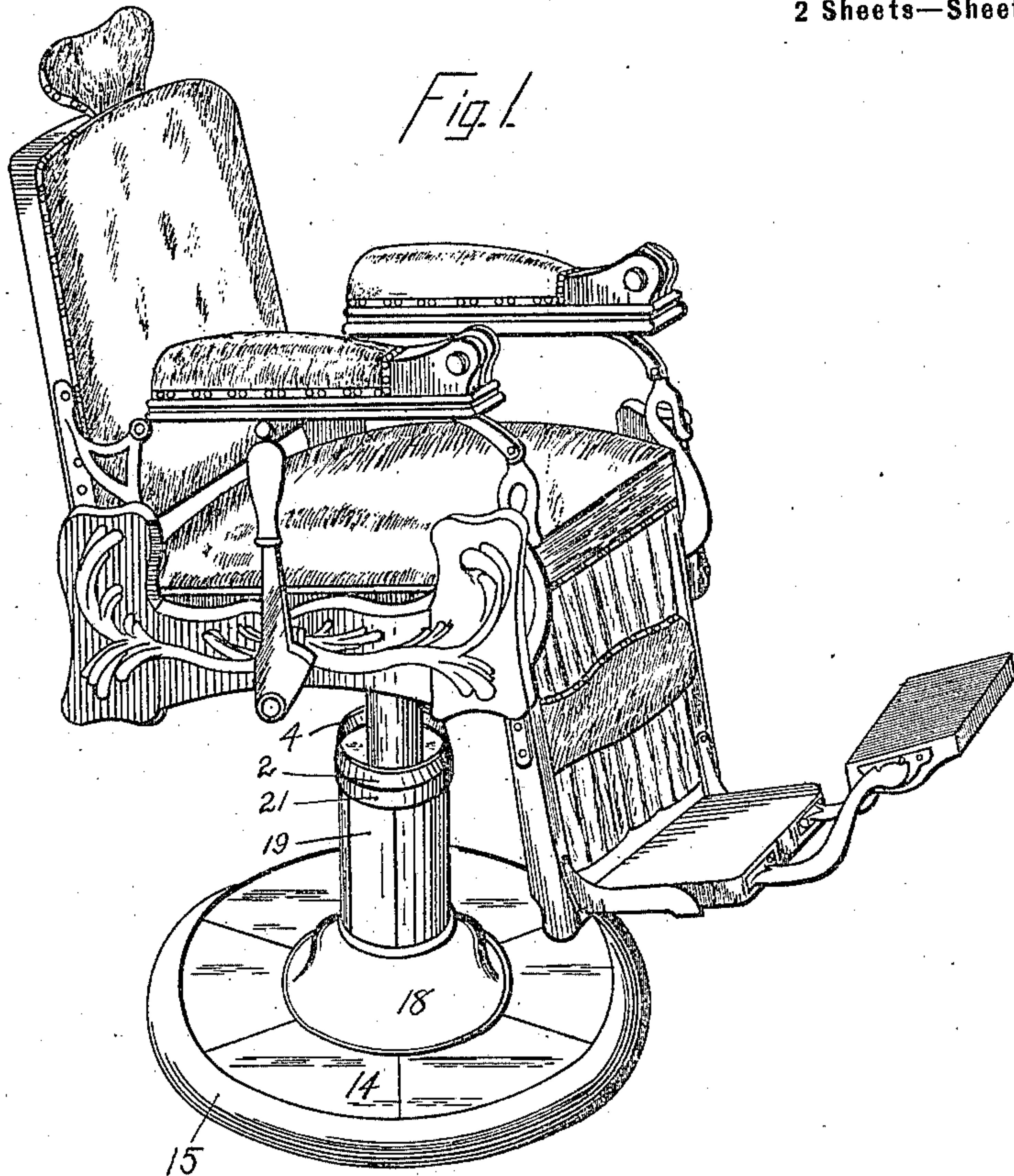
Patented Dec. 3, 1901.

E. E. KOKEN.
BASE FOR BARBERS' CHAIRS.

(Application filed June 14, 1901).

(No Model.)

2 Sheets—Sheet 1.



WITNESSES:

E. Reichenstein
Samuel Levy

INVENTOR:

Ernest E. Koken
BY *Hugh K. Wagner*
ATTORNEY.

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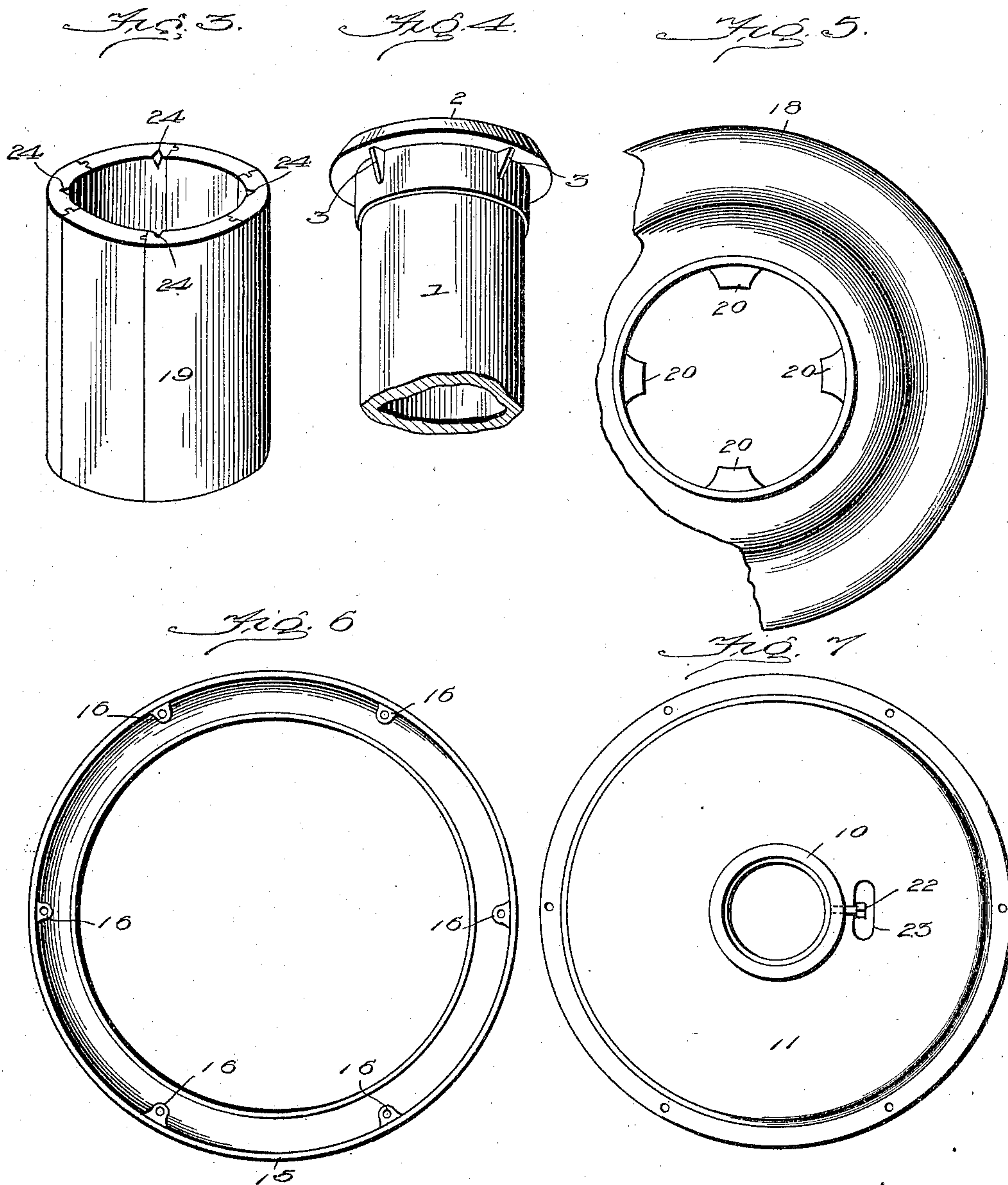
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Inventor:

Witnessed
E. Reichenstein
E. Reichenstein

Ernest E. Koken,
By *Hugh K. Wagner*,
His Attorney

UNITED STATES PATENT OFFICE.

ERNEST E. KOKEN, OF ST. LOUIS, MISSOURI.

BASE FOR BARBERS' CHAIRS.

SPECIFICATION forming part of Letters Patent No. 687,760, dated December 3, 1901.

Application filed June 14, 1901. Serial No. 64,499. (No model.)

To all whom it may concern:

Be it known that I, ERNEST E. KOKEN, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Bases for Barbers' Chairs, of which the following is a full, clear, and exact specification, 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, forming part of this specification.

This invention relates to new and useful improvements in bases or pedestals for barbers', dentists', and other revoluble chairs, and is especially adapted for use with hydraulic chairs of this character. Its primary object is to provide a firm and compact structure capable of easy ornamentation and which is so constructed as to prevent the accumulation of clippings and other debris in inaccessible places below the chair.

With this and other objects in view the invention consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a perspective view of the pedestal. Fig. 2 is a central vertical section thereof. Fig. 3 is a detail view of the drum surrounding the cylinder or core of the pedestal; Fig. 4, of the upper part of said cylinder or core; Fig. 5, of the upper part of the bell. Fig. 6 is a bottom view of the ring, and Fig. 7 of the base-casting.

Referring to the figures by numerals of reference, 1 is a cylindrical core adapted to contain the hydraulic valves and operating mechanism (not shown) and which is provided at its upper end with an annular flange 2, beneath which are arranged a series of angular ribs 3. This upper end of the core is dished, as at 4, for the reception of the connecting parts of the chair, and the outer face of the lower portion of the core is tapered downward, as shown at 5. A groove or recess 6 extends around the tapered portion of the core and forms a bead 7 at each end of said tapered portion. Beads 8 are also formed in a similar manner at the ends of the perpendicular

portion of the outer face of the core, an annular recess 9 being arranged therebetween.

The lower tapered end 5 of the core is fitted with a collar 10, which extends upward from the center of a base-casting 11. This collar is provided with a tapered bore, so as to form a bearing for the beads 7 of the core. The internal taper is preferably obtained by molding Babbitt metal, lead, or other soft fusible metal 12 about a form of the proper shape, the same being retained in position by flanges 13, extending inwardly from the ends of the collar 10.

A circular disk 14 rests upon the casting 11 and incloses the collar 10. This disk may be provided with a suitably-ornamented surface, and the outer edge thereof is secured to the casting by means of a ring 15, preferably of brass. This ring has lugs 16 formed thereunder, which receive screws 17, inserted through the casting, as shown.

A bell 18, formed of suitably-ornamented metal, rests upon the disk 14 and extends over the upper end of the collar 10. The core 1 extends upward through this bell, and that portion thereof which is above the bell is inclosed by a cylinder or drum 19, formed or ornamented with wood or other material. This drum contacts with the beads 8 and bears at its lower end upon the bell 18, said bell being provided with a flange (or projections) 20, which serves to hold the parts in proper position.

A ring 21, which is L-shaped in cross-section, is arranged upon the top of the drum, and the flange 2 of the core bears thereupon, thereby holding the parts securely bound together. The ribs 3, before referred to, are fitted with grooves 24, formed in the inner edge of the top of the drum.

In order to prevent upward movement of the core 1, a set-screw 22 is arranged within the collar 10 and extends above and into the path of the lower bead 7 of the core. Access to this screw 22 can be obtained through an aperture 23, formed within the base-casting.

By providing the drum 19, the bell 18, and disk 14 the heavy portions of the pedestal, which cannot be readily formed with ornaments, are completely covered by light ornamental pieces.

It will be seen that the parts of the pedestal are compact and securely bound together, and as no apertures are formed therein it is impossible for clippings or other debris to accumulate therein.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

1. The combination with a base; of a core fitted thereto and extending thereabove, a cover to the base, a bell upon the cover and inclosing the core, a drum upon the bell and inclosing the core and means for binding the parts together.

2. The combination with a base; of a collar thereto, a core fitted within, and extending from the collar, a cover to the base, a bell thereon inclosing the core and extending over the collar, a drum inclosing the core and bearing upon the bell and means for binding the parts together.

3. The combination with a base; of a collar thereon, a soft-metal, tapered bore to the collar, a core having a tapered end fitted within the collar, annular beads upon said end bearing upon the tapered bore of the collar, and a set-screw in the collar and projecting into the path of one of said beads.

4. The combination with a base; of a collar thereon, a soft-metal tapered bore to the collar, a core having a tapered end fitted within the collar, annular beads upon said end bearing upon the tapered bore of the col-

lar, a set-screw in the collar and projecting into the path of one of said beads, a cover to the base, means for securing the same together, a bell upon the cover and inclosing the core, said bell extending over the collar, a drum upon the bell and inclosing the core, and a flange to the core overlapping the drum.

5. The combination with a base; of a collar thereon, a soft-metal tapered bore to the collar, a core having a tapered end fitted within the collar, annular beads upon said end bearing upon the tapered bore of the collar, a set-screw in the collar and projecting into the path of one of said beads, a cover to the base, means for securing the same together, a bell upon the cover and inclosing the core, said bell extending over the collar, a drum upon the bell and inclosing the core, a flange to the core overlapping the drum, ribs to said core engaging the drum, and a ring intermediate the flange and drum.

6. The combination with a base having a collar thereon, of a core fitted into and extending from the collar, means for locking the core in the collar, a disk upon the base, a ring engaging the edge of the disk and secured to the base, a bell upon the disk and inclosing the core, said bell extending over the collar, a drum upon the bell and inclosing the core, a flange to the core overlapping the drum, ribs to said core engaging the drum, and a ring intermediate the flange and drum, substantially as described.

In testimony whereof I have hereunto affixed my signature, in the presence of two witnesses, this 22d day of May, 1901.

ERNEST E. KOKEN.

Witnesses:

HUGH K. WAGNER,
E. REICENSTEIN.