

E. E. KOKEN, DEC'D.

W. F. KOKEN, EXECUTOR.

BARBER CHAIR SEAT.

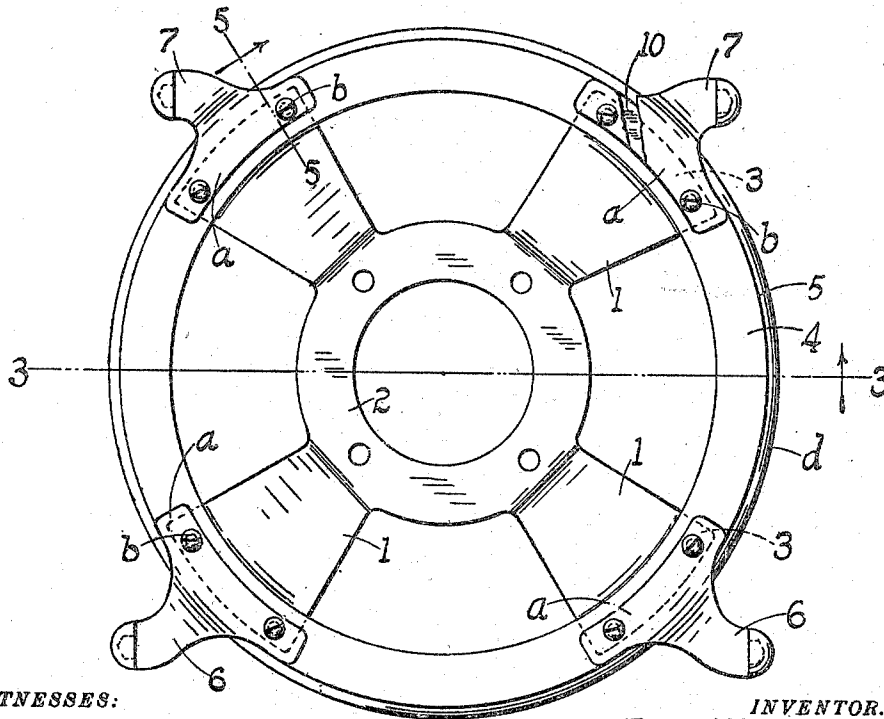
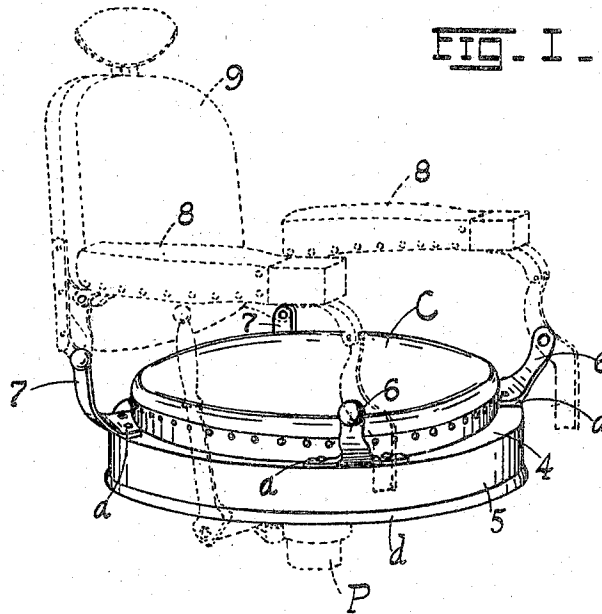
APPLICATION FILED DEC. 17, 1908.

957,970.

Patented May 17, 1910.

2 SHEETS—SHEET 1.

FIG. 1.



WITNESSES:

Harry A. Reimer.
Joseph M. Michel.

FIG. 2.

INVENTOR.

Ernest E. Koken, deceased.
Walter F. Koken, executor.

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2 SHEETS—SHEET 2.

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FIG. 3.

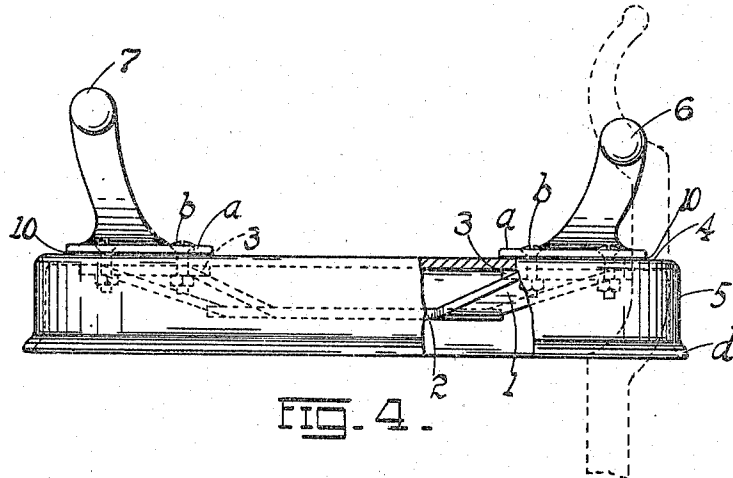
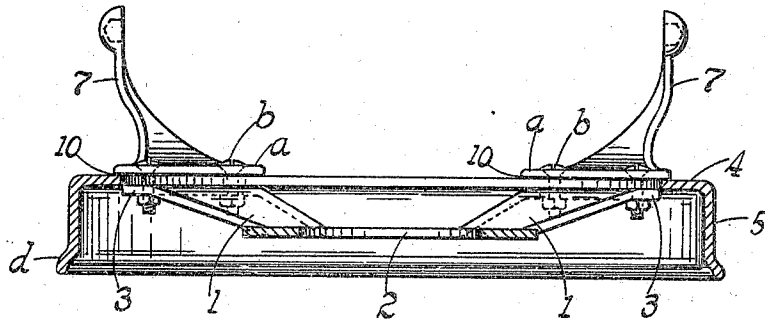


FIG. 4.

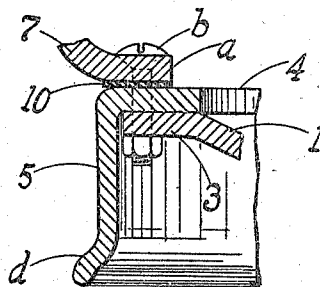


FIG. 5.

WITNESSES:

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Joseph Michael

INVENTOR.

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UNITED STATES PATENT OFFICE.

ERNEST E. KOKEN, DECEASED, LATE OF ST. LOUIS, MISSOURI; WALTER F. KOKEN, EXECUTOR.

BARBER-CHAIR SEAT.

957,970.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed December 17, 1909. Serial No. 533,631.

To all whom it may concern:

Be it known that ERNEST E. KOKEN, late a citizen of the United States, residing in St. Louis, State of Missouri, deceased, did invent certain new and useful Improvements in Barber-Chair Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

The invention has relation to improvements in barber-chair seats; and it consists in the novel details of construction more fully set forth in the specification and pointed out in the claims.

In the drawings, Figure 1 is a perspective of the improved seat, showing in dotted outline other portions of the chair; Fig. 2 is a top plan of the seat with cushion removed; Fig. 3 is a cross-section on line 3—3 of Fig. 2; Fig. 4 is a side elevation with parts broken away; and Fig. 5 is an enlarged sectional detail on line 5—5 of Fig. 2.

The present invention is directed to the construction of the seat portion of a barber's (or dentist's) chair and has for its special object to provide a metal seat, the component parts of which shall be made of material best suited to the purposes each is to subserve.

A further object is to provide a seat in which said component parts, and the brackets which support the arm-rests and back may be united by a common securing screw or bolt; one making special provision for permitting a close union between the parts, and yet prevent the cracking of the enamel with which the apron portion of the seat is coated; and one possessing further and other advantages better apparent from a detailed description of the invention which is as follows:

Referring to the drawings, 1 represents a series of outwardly flaring arms radiating at an angle from a central ring 2, thereby forming a dish-shaped spider, the outer ends of the arms being provided with marginal horizontal flanges or ledges 3. The spider is made of malleable iron, wrought iron or pressed steel, either of these materials having the necessary tensile strength to resist the strains to which the seat is subjected, the spider being connected directly to the hydraulic plunger P as well understood in the art, and supporting the weight of the person

resting in the chair. The ledges 3 jointly support the upper inwardly projecting annular flange 4 of the circular or cylindrical overhanging apron 5, said apron (with its flange 4) being cast as a single piece, and preferably of gray iron which is subsequently coated with enamel (preferably white). No particular strain is imposed on the apron, so that enamel-coated gray iron forms an admirable material for its construction.

The front and rear pair of bracket arms 6, 7, respectively supporting the arm rests 8 and back 9 are provided with basal flanges *a*, between which and the apron flange 4 is preferably interposed a filler 10 of sheet lead, felt, rubber, leather, or any soft material, such filler preventing the cracking of the enamel and making a soft binding medium to take up any irregularities in the adjacent surfaces of the flanges *a* and 4 respectively. A common screw-bolt *b* serves to fasten the flanges *a*, 4 and 3, together, making a simple, strong, and light construction. The cushion C rests on the apron-flange 4 within the circle defining the curvature of the inner edges of the flanges *a*, the latter being of less width than the flange 4.

By making the spider of malleable, or wrought iron or pressed or cast steel, the chair may be made to withstand shocks without danger of cracking the seat, the gray iron entering into the construction of the apron answering all purposes since no strain is imposed on such apron. The flaring character of the spider-arms affords ample support for the apron, the flanges *a* of the bracket arms 6, 7 being preferably of a span substantially coextensive with the circular dimensions of the ledges 3 of the spider arms 1. The lower edge of the apron 5 is provided with a stiffening bead *d* as shown. Such parts as may be illustrated but to which no specific reference is here made are well known in the art and hence require no description.

Having described the invention, what I claim is:

1. A chair-seat comprising a central member, a depending apron provided with an inner flange resting on the outer edges of said member, bracket arms secured to said flange and disposed at a suitable distance from the inner bounding edge thereof, and

a cushion supported on the apron flange at points between the bases of the bracket arms and the inner edge of the flange.

2. A chair-seat comprising a central
 5 dished spider having a series of radiating arms, terminal ledges at the outer ends of said arms, a depending apron provided with an inner flange resting on the ledges of the spider arms, bracket-arms having basal
 10 flanges resting on the apron flange and mounted over the ledges of the spider-arms, and securing screws passed through the flanges of the bracket-arms, flange of the apron, and ledges of the spider-arms for securing the parts together.

3. A chair-seat comprising a central
 20 dished spider having a series of outwardly flaring arms terminating in horizontal supporting ledges or flanges, a circular apron having an upper inwardly projecting flange resting on the spider ledges, bracket arms having basal flanges resting on the apron flange and over the ledges of the spider arms, the bracket-arm flanges being narrower than the flange of the apron and having their inner edges disposed in arcs of a common circle, and a cushion resting on the
 25 apron flange within said circle.

4. A chair-seat comprising a central
 30 dished spider having a series of radiating outwardly flaring arms terminating in horizontal

ledges or flanges, a circular apron having an upper inwardly projecting flange resting on the ledges aforesaid, bracket arms having basal flanges resting on the
 35 apron flange and over the ledges of the spider arms, a soft filler interposed between the apron flange and the flanges of the bracket-arms, fastening means passed through the bracket-arm flanges, filler,
 40 apron flange and ledges of the spider arms, and a cushion resting on the apron flange within the flanges of the bracket-arms.

5. A chair-seat comprising a central
 45 spider provided with outer marginal ledges, a depending apron provided with an inner flange resting on the ledges aforesaid, bracket arms resting on the apron flange and disposed at a suitable distance from the inner bounding edge of said flange, and a
 50 cushion supported on the apron flange at points between the bases of the bracket arms and the inner edge of the flange.

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

WALTER F. KOKEN,
Executor of the estate of Ernest E. Koken,
deceased.

Witnesses:

EMIL STAREK,
 JOS. A. MICHEL.