

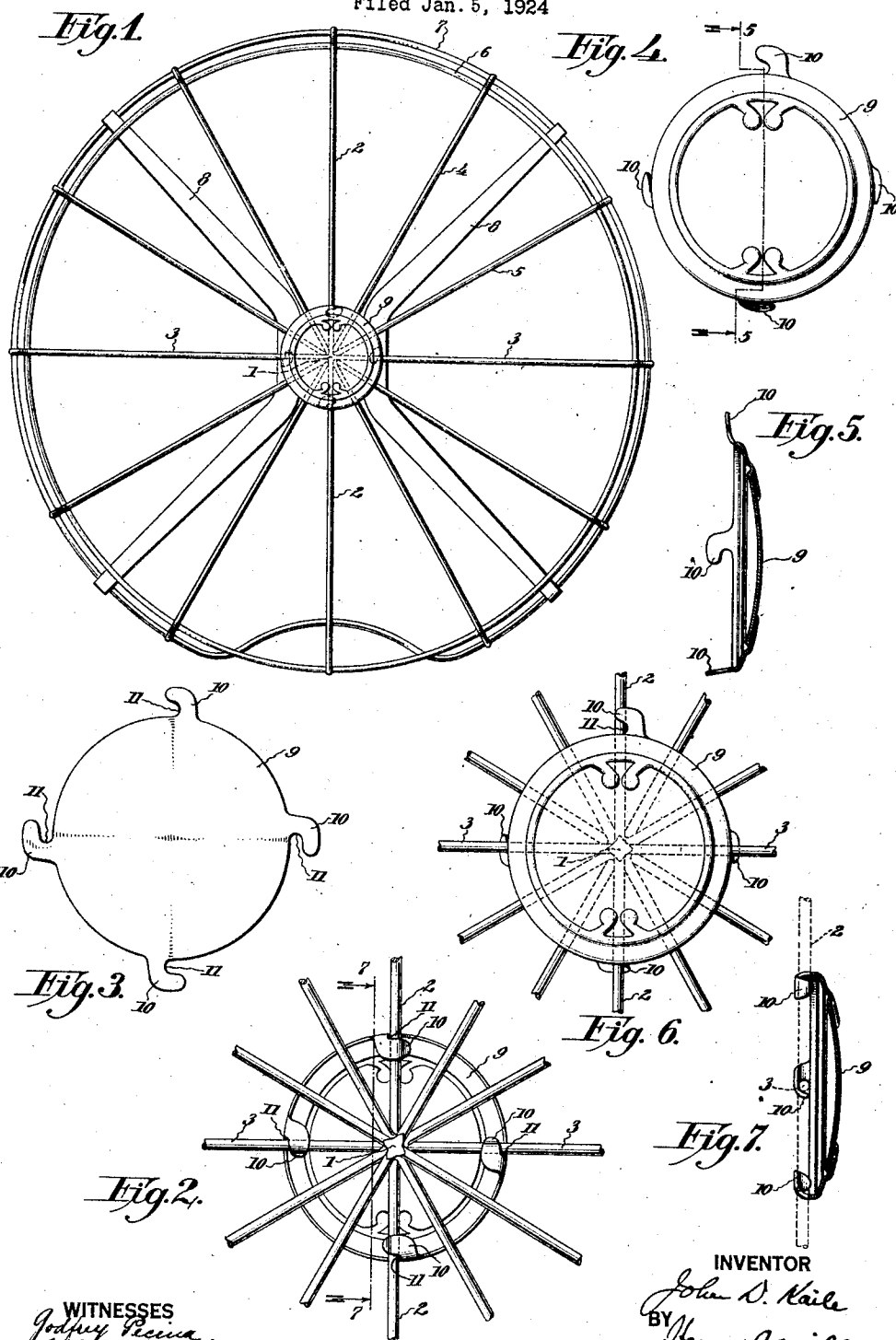
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MEDALLION

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MEDALLION.

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This invention relates to medallions such as are customarily used as center ornamentations or trade-mark plates for desk-fan guards.

5 The invention has for an object to provide a medallion of simplified construction which is self-centering and may be quickly and easily applied and firmly secured to its support. A further object of the invention is to provide a medallion which is particularly adapted for easy attachment to the center of the face of a desk-fan guard, from which center the wires of the guard radiate.

10 To the attainment of the ends in view the medallion is made from a blank preferably punched out of sheet-metal stock and having the form of a disk with peripheral tangs in the form of laterally open hooks angularly spaced apart to conform to the supporting structure. The peripheral tangs of the blank are preferably of L-shape; i. e., they each comprise a stem portion extending radially of the disk and a terminal or hook portion disposed in the plane of but at an angle to the stem portion.

15 The blank is preferably embossed to form the finished medallion and the peripheral hooks are bent over and applied to the radial wires of the guard. Diametrically opposed hooks of the medallion are preferably so formed that their throats open in opposite directions and thereby center the medallion relatively to the guard. It is also preferred to form adjacent hooks with their throats opening in opposite directions circumferentially of the medallion, whereby rotative displacement of the medallion in either direction from its predetermined position relative to the guard is prevented.

20 In the accompanying drawings, Fig. 1 is a face view of a fan-guard and medallion embodying the invention. Fig. 2 is a reverse face view of the medallion as finally applied to the radial wires of a fan-guard. Fig. 3 is a face view of a blank from which the medallion is made. Fig. 4 is a face view of the medallion as embossed for application to the fan-guard. Fig. 5 is a section on the line 5—5, Fig. 4. Fig. 6 is a face view of the medallion as initially applied to a fan-guard. Fig. 7 is a section of the medallion on the line 7—7, Fig. 2, certain wires of the fan-guard being indicated by dotted lines.

25 In the specific embodiment of the invention chosen for the purposes of the present

disclosure, the face of the fan-guard comprises a series of radially disposed wires which are spot-welded together at the central point 1. One of the wires 2 is preferably disposed vertically and another 3, is disposed horizontally with intermediate wires 4, 5, so disposed radially as to divide the right angles between the wires 2 and 3 into smaller equal angles. The radial wires 2, 3, 4 and 5 are preferably spot-welded to the front and rear circumferential wires 6, 7, to the latter of which are secured the usual arms 8, 8 for attachment of the guard to the fan-motor frame.

30 The medallion 9 is preferably first punched out of sheet-metal stock and, as punched, comprises a circular disk, Fig. 3, having peripheral tangs 10, in the form of laterally open hooks spaced 90° apart. The tangs or hooks 10 each have a flat stem-portion 10' and a terminal or free end portion 10'' disposed at an angle to and in the plane of the stem portion 10'. The throats 11 of adjacent hooks preferably open in opposite directions circumferentially of the medallion disk. The throats of diametrically opposed hooks open in the same direction circumferentially of the medallion or, in another sense, they may be said to open in opposite directions; i. e., the left-hand hook, Fig. 3, opens upwardly and the right-hand hook opens downwardly while the upper and lower hooks open respectively to the left and right.

35 The medallion blank may next be embossed for ornamental or trademark purposes and may at the same time have three of its hooks bent over, Figs. 4 and 5, so as to stand nearly at right angles to the plane of the rim of the medallion. The uppermost hook 10 is initially bent outwardly, as shown in Fig. 5, to facilitate application of the medallion to the fan-guard.

40 In assembling the medallion and guard, the medallion is first applied to the guard with three of its hooks embracing the guard wires 2, 3, Fig. 6, and its uppermost hook lying flatwise upon the vertical wire 2. The wire 2 is then sprung to the left and the uppermost hook 10 bent rearwardly so that its throat 11 may embrace the wire 2 upon the return of the latter to normal position. The overhanging or terminal portion of the uppermost hook 10 may be made somewhat shorter than the corresponding portions of the remaining hooks in order to reduce the

extent to which the wire 2 must be sprung to permit passage of such hook. The medallion is now firmly secured against displacement either bodily or rotatively from its desired predetermined position relative to the guard. The oppositely opening throats of adjacent hooks prevent rotative displacement in either direction. The right and left opening throats of the top and bottom hooks prevent sidewise displacement of the medallion in either direction and the upwardly and downwardly opening throats of the right and left hooks prevent vertical displacement of the medallion. It will be noted that each of the sheet-metal hooks 10 is hook-shaped as initially punched and before being bent. The hooks 10 are, in other words, of such a character that it is not necessary to bend them into hook form. They may be characterized as having a flat stem-portion and a terminal portion extending in a direction transversely of but parallel to the plane of the stem portion. It is preferable, although not necessary, to bend the extreme ends of the hooks flatwise about the respective wires, as shown in Figs. 2 and 7. Such final bending of the ends of the hooks neatly disposes of such ends and is considered to somewhat improve the appearance of the assembly as a whole.

Having thus set forth the nature of the invention, what I claim herein is:—

1. A fan-guard medallion comprising a one-piece sheet-metal member formed with flat peripherally disposed hook-shaped tangs having circumferentially extending free end-portions, the inner edges of which portions and the adjacent peripheral portions of said member define throats for embracing radially extending face-wire portions of a fan-guard.

2. A fan-guard medallion comprising a one-piece sheet-metal member having peripherally disposed open-throated hooks including free end-portions extending circumferentially of the medallion, said hooks being disposed in diametrically opposed pairs and having their throats opening circumferentially of the medallion.

3. A fan-guard medallion comprising a one-piece sheet-metal member having peripherally disposed open-throated hooks including free end-portions extending circumferentially of the medallion, said hooks being disposed in diametrically opposed pairs, adjacent hooks having their throats opening in opposite directions circumferentially of the medallion.

4. A fan-guard medallion comprising a one-piece sheet-metal member having peripherally disposed open-throated hooks including free end-portions extending circumferentially of the medallion, said hooks being disposed in diametrically opposed pairs, the hooks of each pair having their throats opening in the same direction circumferentially of the medallion.

5. A medallion comprising a circular sheet-metal member having peripheral open throated hooks each having a flat stem portion and a free end portion extending transversely of the stem portion in a direction parallel to the plane of the stem portion.

6. The combination with a support having radially disposed wires, of a one-piece medallion having peripherally disposed integral tangs bent around radial portions of such wires.

7. The combination with an electric fan-guard having centrally connected radially disposed face wires, of a one-piece sheet-metal medallion having peripheral hook-shaped tangs defining throats embracing radial portions of certain of said wires and covering the point of connection of said wires.

8. The combination with an electric-fan guard having centrally connected radially disposed face wires, of a one-piece sheet-metal medallion having peripheral hook-shaped tangs defining throats embracing radial portions of certain of said wires, the throats of adjacent hooks opening in opposite directions circumferentially of said medallion.

In testimony whereof, I have signed my name to this specification.

JOHN D. KARLE