

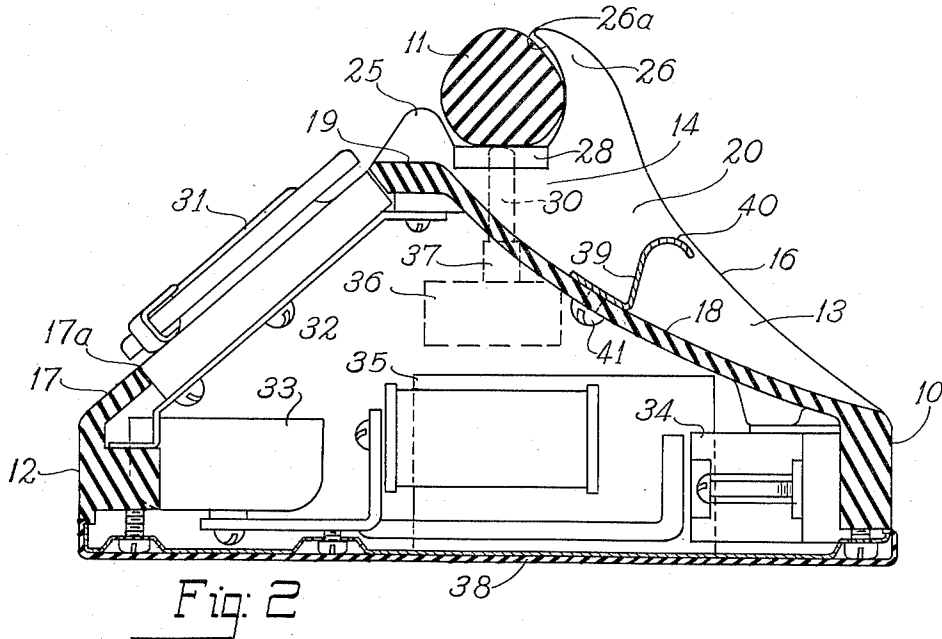
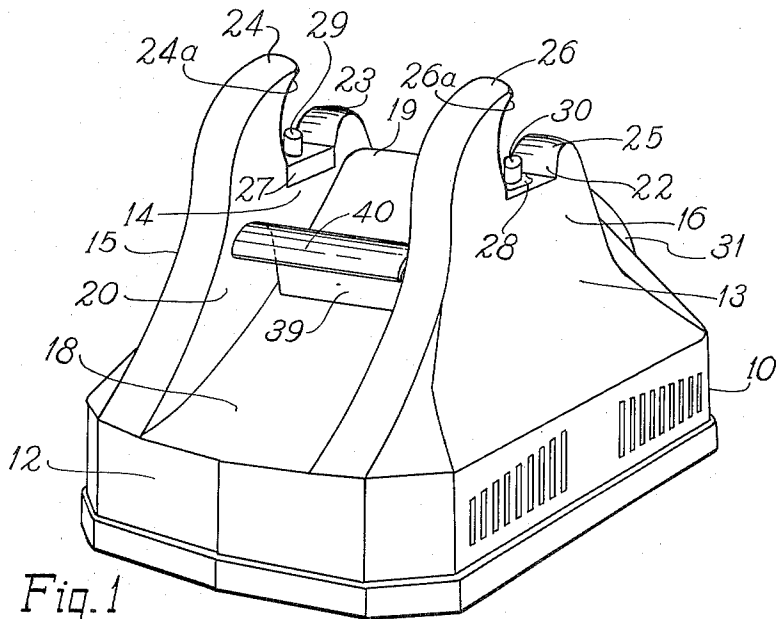
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MOUNTING FOR HAND TELEPHONES

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MOUNTING FOR HAND TELEPHONES

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2 Claims. (Cl. 179—146)

The present invention relates to mountings for telephones and, more particularly, to desk mountings for hand telephones.

A mounting of this type conventionally comprises a supporting base, a pedestal carrying a calling dial, and a cradle provided with a switchhook and adapted to support a hand telephone or hand set of the well-known Monophone type; the usual substation apparatus, including an induction coil, a condenser, a signal bell and a switching mechanism, being housed in the supporting base and pedestal of the mounting.

It is an object of the present invention to provide a mounting of the type described which is of simple and rugged construction and which embodies an improved arrangement for facilitating movement from place to place of the mounting and the hand telephone supported thereby.

The object set forth above is attained in accordance with the present invention by providing a mounting of the character described comprising a base, a pedestal and a cradle including two spaced-apart and upwardly extending cradle members, the pedestal including front and rear upwardly and inwardly extending walls and upwardly extending side walls formed by the cradle members. The rear wall of the pedestal and the cradle members are so constructed and arranged that a substantially channel-shaped opening is provided in the rear of the pedestal. The cradle members are provided with aligned cradle seats therein adapted to support the handle of the hand telephone, the cradle seat provided in each of the cradle members being formed therein by spaced-apart and upwardly extending front and rear tines carried thereby, each of the rear tines being provided with an upwardly and forwardly extending front wall adapted to engage and overhang an adjacent portion of the handle of the hand telephone. An element is carried by the rear wall of the pedestal and positioned substantially entirely in the recess provided in the rear of the pedestal, the element having a rearwardly and downwardly extending handle portion disposed rearwardly of and below the rear tines. The element and the rear tines are so constructed and arranged that when a gripping force is exerted between the handle of the hand telephone and the handle portion of the element, the portions of the handle of the hand telephone disposed adjacent the front walls of the rear tines are moved into clamped relationship therewith, thereby securely to retain the handle of the hand telephone in the aligned cradle seats provided in

the cradle members and to facilitate movement from place to place of the mounting, and the hand telephone supported thereby.

The novel features believed to be characteristic of the invention are set forth with particularity in the appended claims. The invention, both as to its organization and method of operation, together with further objects and advantages thereof, will best be understood by reference to the following specification taken in connection with the accompanying drawing, in which Figure 1 is a perspective view of a mounting for a hand telephone which is constructed and arranged in accordance with the present invention; and Fig. 2 is a longitudinal sectional view of the mounting shown in Fig. 1 and a hand telephone supported thereby, illustrating the substation apparatus housed therein.

Referring now more particularly to the drawing, there is shown a desk mounting or support 10 for a hand telephone or hand set of the well-known Monophone type illustrated at 11, which mounting comprises a supporting base 12, a pedestal 13, and a cradle 14 including two spaced-apart and upwardly extending cradle members 15 and 16. The pedestal 13 is provided with front and rear upwardly and inwardly extending walls 17 and 18 converging slightly forwardly of the cradle 14, a top wall 19 extending between the front and rear walls 17 and 18, respectively, and upwardly extending side walls formed by the cradle members 15 and 16. The top and rear walls 19 and 18, respectively, of the pedestal 13 and the cradle members 15 and 16 are so constructed and arranged that a continuous substantially channel-shaped recess 20 is provided in the top and rear of the pedestal 13. Aligned cradle seats 21 and 22 are provided in the cradle members 15 and 16, respectively, the cradle seat 21 provided in the cradle member 15 being formed therein by spaced-apart and upwardly extending front and rear tines 23 and 24, respectively; and the cradle seat 22 provided in the cradle member 16 being formed therein by spaced-apart and upwardly extending front and rear tines 25 and 26, respectively. The rear tines 24 and 26 are provided with upwardly and forwardly extending front walls 24a and 26a, respectively, which are adapted to engage and overhang adjacent portions of the handle of the hand telephone 11 for a purpose more fully described subsequently. The cradle seats 21 and 22 provided in the cradle members 15 and 16 are provided with recesses therein into which two metal inserts 27 and 28, respectively, are securely positioned, the inserts

27 and 28 having openings therein into which two switchhooks or plungers 29 and 30, respectively, are slidably mounted.

The front wall 17 of the pedestal 13 is provided with an annular recess 17a therein within which a calling dial 31 is positioned and supported in place. The interiors of the supporting base 12 and the pedestal 13 are hollow in order to provide a continuous cavity 32 therein which accommodates the usual substation apparatus, such as a signal bell 33, an induction coil 34, a condenser 35 and a switching mechanism 36, the switching mechanism 36 being operatively associated with the switchhooks or plungers 29 and 30 by a suitable connecting lever mechanism 37. The opening into the cavity 32 formed in the supporting base 12 and the pedestal 13 is closed by a suitable base plate 38 fastened to the supporting base 12. Also, the mounting 10 is so constructed and arranged that the center of gravity thereof is disposed in a substantially vertical plane extending through the aligned cradle seats 21 and 22 provided in the cradle members 15 and 16, respectively, in order to insure proper balance of the mounting.

The handle of the hand telephone 11 is supported in the aligned cradle seats 21 and 22 provided in the cradle members 15 and 16, respectively, the weight of the hand telephone being adequate to retain the switchhooks or plungers 29 and 30 in their depressed positions against the bias of the switching mechanism 36, in order to retain the switching mechanism 36 in its open circuit position in a well-known manner. When the handle of the hand telephone 11 is removed from the supporting cradle seats 21 and 22 provided in the cradle members 15 and 16, respectively, the switchhooks or plungers 29 and 30 are projected outwardly under the bias of the switching mechanism 36, in order to cause the switching mechanism 36 to be operated to its closed circuit position in a well-known manner.

In order to facilitate movement of the mounting 10 and the hand telephone 11 supported thereby from place to place, an arrangement is provided which comprises an element 39 provided with a rearwardly and downwardly extending handle portion 40, the element 39 being disposed substantially entirely in the recess 20 provided in the rear of the pedestal 13 and the handle portion 40 thereof being disposed rearwardly of and below the plane of the rear tines 24 and 26. The element 39 is secured to the rear wall 18 of the pedestal 13 by a screw 41 extending through an opening in the rear wall 18 of the pedestal 13 and threaded into a tapped hole provided in the element 39.

The element 39 and the rear tines 24 and 26 are so constructed and arranged that when a gripping force is exerted between the handle of the hand telephone 11 and the handle portion 40 of the element 39, the portions of the handle of the hand telephone 11 disposed adjacent the front walls 24a and 26a of the rear tines 24 and 26, respectively, are moved into clamped relationship therewith, thereby securely to retain the handle of the hand telephone 11 in the aligned cradle seats 21 and 22 provided in the cradle members 15 and 16, respectively, and to facilitate movement from place to place of the mounting 10 and the hand telephone 11 supported thereby. It is contemplated that a person wishing to move the mounting 10 and the hand telephone 11 supported thereby from one place to another will grasp the handle portion 40 of the element 39

with his fingers and the handle of the hand telephone 11 with his thumb and exert a gripping force therebetween in order securely to clamp the handle of the hand telephone 11 in the aligned cradle seats 21 and 22 provided in the cradle members 15 and 16, respectively, thereby to insure that the switchhooks or plungers 29 and 30 are not actuated incident to the movement of the mounting 10 and the hand telephone 11 supported thereby and to provide a composite handle to facilitate movement from one place to another of the mounting 10 and the hand telephone 11 supported thereby.

In view of the foregoing, it is apparent that a desk mounting for a hand telephone is provided which is of simple and rugged construction and which embodies an improved arrangement for facilitating movement from place to place of the mounting and the hand telephone supported thereby.

While there has been described what is at present considered to be the preferred embodiment of the invention, it will be understood that various modifications may be made therein, and it is contemplated in the appended claims to cover all such modifications as fall within the true spirit and scope of the invention.

What is claimed is:

1. A mounting for a hand telephone, comprising a base, a pedestal, a cradle including two spaced-apart and upwardly extending cradle members, said pedestal including front and rear upwardly and inwardly extending walls and upwardly extending side walls formed by said cradle members, the rear wall of said pedestal and said cradle members being so constructed and arranged that a substantially channel-shaped recess is provided in the rear of said pedestal, said cradle members being provided with aligned cradle seats therein adapted to support the handle of the hand telephone, the cradle seat provided in each of said cradle members being formed therein by spaced-apart and upwardly extending front and rear tines carried thereby, each of said rear tines being provided with an upwardly and forwardly extending front wall adapted to engage and overhang an adjacent portion of the handle of the hand telephone, and an element carried by said mounting and positioned substantially entirely in the recess provided in the rear of said pedestal, said element being disposed rearwardly of and below the plane of said rear tines, said element and said rear tines being so constructed and arranged that when a gripping force is exerted between the handle of the hand telephone and said element the portions of the handle of the hand telephone disposed adjacent the front walls of said rear tines are moved into clamped relationship therewith, thereby securely to retain the handle of the hand telephone in the aligned cradle seats provided in said cradle members and to facilitate movement from place to place of said mounting and the hand telephone supported thereby.

2. A mounting for a hand telephone, comprising a base, a pedestal, a cradle including two spaced-apart and upwardly extending cradle members, said pedestal including front and rear upwardly and inwardly extending walls and upwardly extending side walls formed by said cradle members, the rear wall of said pedestal and said cradle members being so constructed and arranged that a substantially channel-shaped upwardly extending recess is provided in the rear of said pedestal, said cradle members being pro-

vided with aligned cradle seats therein adapted to support the handle of the hand telephone, the cradle seat provided in each of said cradle members being formed therein by spaced-apart and upwardly extending front and rear tines carried thereby, each of said rear tines being provided with an upwardly and forwardly extending front wall adapted to engage and overhang an adjacent portion of the handle of the hand telephone, and an element carried by the rear wall of said pedestal and positioned substantially entirely in the recess provided in the rear of said pedestal, said element having a rearwardly and downwardly extending handle portion disposed rearwardly of

and below the plane of said rear tines, said element and said rear tines being so constructed and arranged that when a gripping force is exerted between the handle of the hand telephone and the handle portion of said element the portions of the handle of the hand telephone disposed adjacent the front walls of said rear tines are moved into clamped relationship therewith, thereby securely to retain the handle of the hand telephone in the aligned cradle seats provided in said cradle members and to facilitate movement from place to place of said mounting and the hand telephone supported thereby.

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