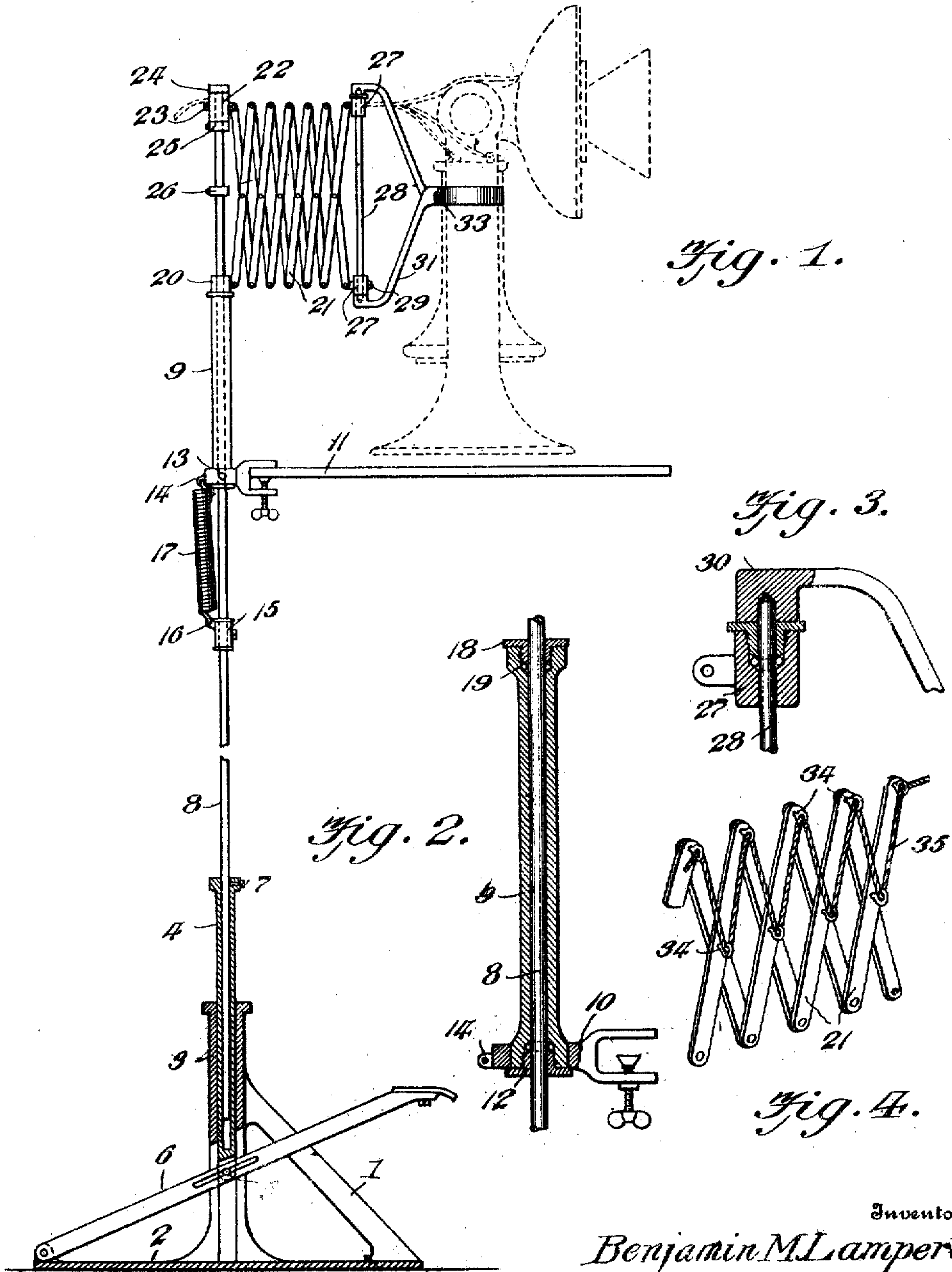


B. M. LAMPERT.
TELEPHONE BRACKET.
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Witnesses
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UNITED STATES PATENT OFFICE.

BENJAMIN M. LAMPERT, OF CEDAR BLUFFS, NEBRASKA.

TELEPHONE-BRACKET.

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To all whom it may concern:

Be it known that I, BENJAMIN M. LAMPERT, a citizen of the United States, residing at Cedar Bluffs, in the county of Saunders, and State of Nebraska, have invented new and useful Improvements in Telephone-Brackets, of which the following is a specification.

This invention relates to telephone brackets, and the object of the invention is to provide a comparatively simple cheap and effective device whereby a telephone may be readily secured in a suitable bracket attached to a lazy tongs which may be expanded by a foot lever when the telephone is to be brought into operative position and which is provided with mechanism whereby the lazy tongs are automatically contracted to withdraw the telephone rearward to its normal position when the pressure upon the foot lever is released.

With these and other objects in view the invention resides in the novel construction and arrangement of elements hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a device constructed in accordance with the present invention, parts being shown in section to more clearly illustrate their arrangement. Fig. 2 is a longitudinal sectional view of the attaching sleeve. Fig. 3 is a partial sectional view of the upper portion of one of the telephone bracket securing clamp members and its connections. Fig. 4 is a rear elevation of a portion of the lazy tongs illustrating the method of conducting the telephone wires.

In the accompanying drawings the numeral 1 designates the base of the device. This base 1 is provided with a lower horizontal portion 2 from which extends upwardly a plurality of arms supporting a sleeve 3. Mounted within this sleeve 3 is a smaller sleeve 4 having its lower end bifurcated or provided with ears adapted for engagement with a pintle 5 by which it is attached to a foot lever 6. This lever 6 has one of its ends pivotally connected with a suitable ear provided upon the lower portion or floor 2 of the base 1. The sleeve 4 has its upper extremity enlarged and provided with a suitable aperture adapted for the reception of a threaded securing element 7 which is adapted to contact an operating arm or rod 8. By arranging the rod 8 within the sleeve 4 it will be readily seen that the

rod may be regulated through the medium of the threaded member 7 when desired.

Mounted upon the rod 8 is a sleeve 9 having its lower extremity positioned within a suitable opening provided by a clip 10, and this clip is provided with a pair of outwardly extending arms, one of which is arranged with a threaded aperture adapted for the reception of the threaded element by which the clip is supported upon the ledge of a desk or table 11. The sleeve 9 is retained in position within the opening provided by the body of the clip through the medium of a suitable cap 12. This cap 12 is retained upon the clip 10 through the medium of a suitable pintle 13.

Interposed between the cap 12 and a shoulder provided within the lower portion of the sleeve 9 is a series of antifrictional bearings which tend to lessen friction between the operating rod 8 and the sleeve 9 when the sleeve is to be rotated upon the rod in a manner hereinafter to be described. The clip 10 is provided with a rearwardly extending ear 14, and the rod 8 is also provided with an adjustable collar 15 having a rearwardly extending ear 16. Secured between the ears 14 and 16 is a helical spring 17. The collar 15 is rigidly secured upon the rod 8, and it will be noted that the spring 17 will have a tendency to force the rod 8 upward carrying with it the sleeve 4 and thereby elevating the foot lever 6 so as to bring the latter into operative position. The upper extremity of the sleeve 9 may be provided with a suitable collar or bearing plate 18, and this bearing plate is provided with an annular depending flange adapted to engage a suitable recess or opening provided in the sleeve. Interposed between the lower face of this flange and the offset provided by the recess is a series of ball bearings 19, which are adapted to cooperate with the ball bearings provided by the sleeve 12 to reduce the friction of the rod 8 when operating within the sleeve and to assist the rotation of the rod in the sleeve when it is desired to revolve the base 1 to bring the foot lever into a desired position by an operator. It is to be understood that the base 1 is normally stationary and that the adjustment above described is adapted to occur only after the device is in position and it is found that the lever is not conveniently within the reach of the operator.

Positioned upon the rod 8 and adapted to

bear against the plate 18 is a collar 20. This collar 20 is provided with a suitable ear or offset adapted for pivotal connection with the inner arm of a lazy tongs 21. The upper portion of the opposite inner arm of the lazy tongs is connected with a similar collar 22 which is securely retained upon the rod 8 through the medium of a threaded element 23. The upper portion of the rod may be provided with an integrally formed cap or flange 24 which will effectively retard the upward movement of the collar 22. In order to more securely retain the collar 22 upon the rod 8 a second collar 25 may be provided, and this collar is adapted to be provided with a threaded orifice whereby a threaded retaining element may effectively be employed for securing the collar in position upon the rod. Interposed between the collars 25 and 20 is an adjustable stop member 26, and it will be noted that by depressing the foot lever 6 the rod 8 will be drawn downwardly carrying with it the collar 23 thus extending the lazy tongs 21, the limit of movement being regulated by the adjustable collar 26 contacting the collar 20. It will be also noted that when pressure is removed from the foot lever 6 the spring 17 engaging the collar 15 will force the rod 8 upwardly, thus retracting the lazy tongs.

The outer members of the lazy tongs 21 are each pivotally connected with suitable collars 27. These collars 27 are mounted upon a vertical rod 28, and the lower collar is provided with a suitable threaded member 29 by which it may be rigidly secured upon the rod 28, while the upper collar 27 is free to ride thereon. The rod 28 is adapted to extend a suitable distance beyond the collars 27 and these projecting portions of the rod are adapted for the reception of suitable bearing openings, provided within the arms 30 of the telephone clamping device 31. This clamping device 31 comprises a central body portion adapted to engage the telephone and to be retained thereon through the medium of a thumb screw 33, while the arms diverging from this central portion have their extremities provided with the bearings by which the rod 28 is engaged. By this arrangement it will be noted that the upper collar 27 is free to ride upon the rod 28 when the lazy tongs 21 are extended and that the telephone clamp may be readily revolved upon its bearings so as to bring the telephone to a desired position with regard to the user.

The lazy tongs 21 may be provided with central and end inwardly projecting eyes 34, and within these eyes the telephone wire 35 may be fed, thus preventing tangling of the wire as well as arranging it in a convenient position out of contact with the contents of the desk upon which the device is positioned.

Having thus fully described the invention what is claimed as new is:

1. In a device of the character set forth, a sleeve secured upon a ledge, a rod within the sleeve, means for operating the rod, a collar secured upon the rod, a second collar loosely mounted upon the rod and engaging the sleeve, a stop between the collars, a lazy tongs connected with the collars, and a telephone clamp secured to the lazy tongs.

2. In a device of the character set forth, a sleeve secured upon a ledge, a rod within the sleeve, a collar upon the rod, a second collar loosely mounted upon the rod and engaging the sleeve, an adjustable stop between the collars, a lazy tongs connected with the collars, a clamp connected with the lazy tongs, means for moving the rod to extend the lazy tongs, and automatic means for returning the rod to retract the lazy tongs.

3. In a device of the character described, a sleeve secured upon a ledge, a rod within the sleeve, means for operating the rod, a collar rigidly secured to the rod, a second collar loosely mounted upon the rod and bearing upon the sleeve, an adjustable stop between the collars, a lazy tongs secured to the collars, collars pivotally connected with the opposite ends of the lazy tongs, a rod loosely mounted within the collars and extending therefrom, and a clamp provided with arms having bearings engaging the extended ends of the rod.

4. In a device of the character described, a sleeve secured upon a ledge, a rod within the sleeve, a lever connected with the rod, a resilient element connecting the rod and the sleeve, a collar secured to the rod, a second collar loosely mounted upon the rod and bearing upon the sleeve, an adjustable stop between the collars, a lazy tongs connected with the collars, and a telephone securing device upon the lazy tongs.

5. In a device of the character described, a base, a sleeve upon the base, a second sleeve slidably mounted within the sleeve of the base, a lever pivotally connected to the base and secured to the sliding sleeve, a rod secured within the sliding sleeve, a ledge, a sleeve upon the ledge and engaging the rod, a resilient connection between the rod and the sleeve, a collar secured to the rod, a second collar loosely mounted upon the rod and bearing upon the sleeve, an adjustable stop between the collars, a lazy tongs connected with the collars, and a telephone securing device upon the lazy tongs.

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

BENJAMIN M. LAMPERT.

Witnesses:

J. H. MACKPRANG,
F. B. KNAPP.