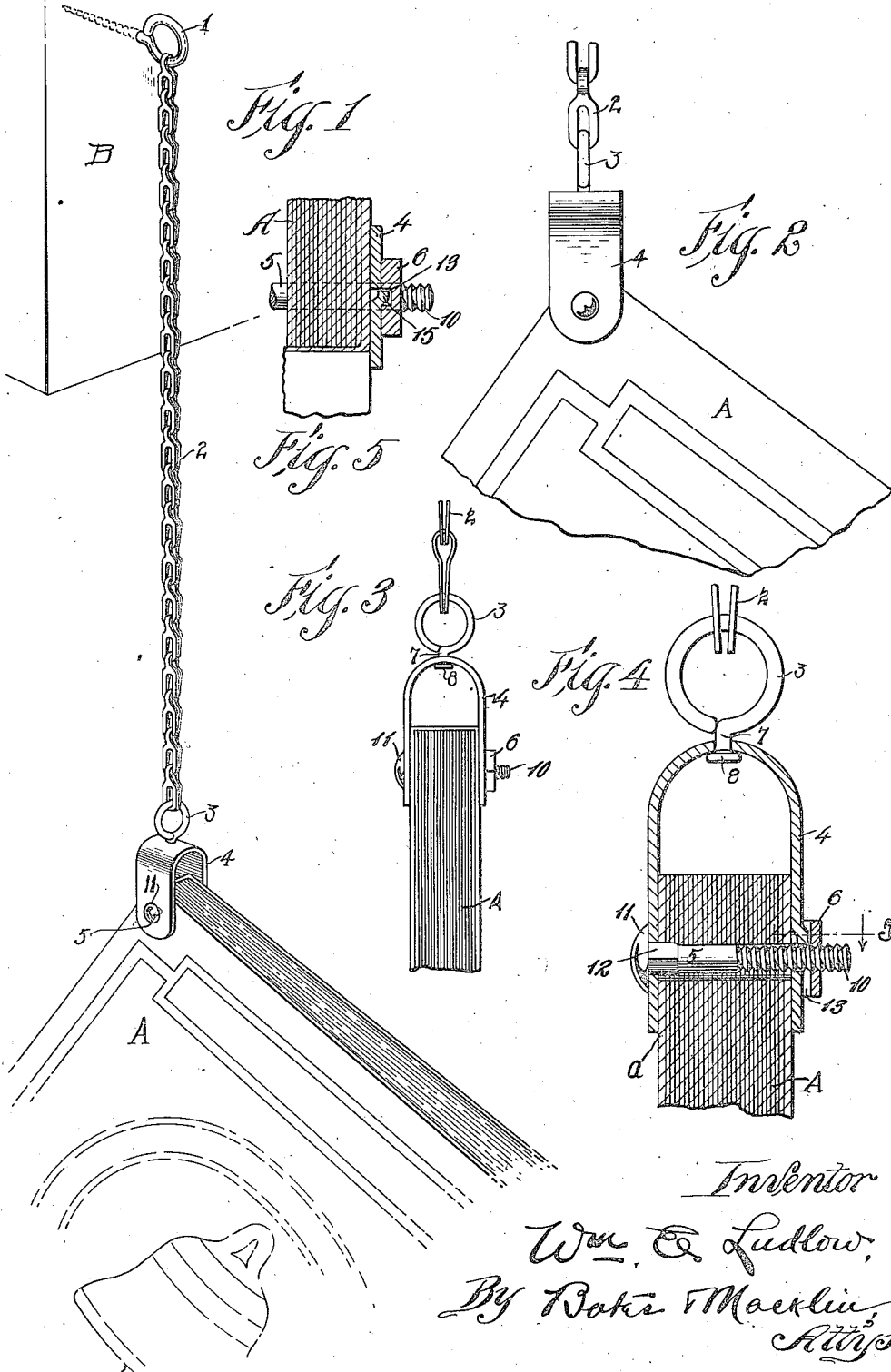


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 DEVICE FOR SUSPENDING AND SECURING TELEPHONE DIRECTORIES.
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1,299,745.



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DEVICE FOR SUSPENDING AND SECURING TELEPHONE-DIRECTORIES.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM E. LUDLOW, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Devices for Sus-
5 pending and Securing Telephone-Directories, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

Telephone companies have experienced a serious loss in the number of telephone directories which are carried away from public
10 booths. The object of the present invention is to provide a device for conveniently supporting the telephone directory, and at the same time so securing it that it will be difficult enough for removal so that the directory will not ordinarily be purloined. At
15 the same time my device is readily removable from the directory by usual tools, enabling the substitution of a new book.

My supporting and securing device is clearly illustrated in the drawings hereof
25 and is hereinafter more fully described, and its essential characteristics are summarized in the claims.

Figure 1 is a perspective view of my suspending and securing device attached at its
30 upper end and secured at its lower end to a telephone directory; Fig. 2 is an enlarged elevation of the device adjacent to the securing end; Fig. 3 is an edge view of the parts shown in Fig. 2; Fig. 4 is an enlarged vertical
35 section through the part of the device which engages the telephone directory; Fig. 5 is a detail in cross-section on the line 5 on Fig. 4.

In the drawings, A indicates a telephone
40 directory and B a wall or other portion of a telephone booth to which it is to be secured.

My securing device, in the form shown, includes a chain 2 suitably fastened at its
45 upper end (as by the screw-eye 1 screwed into the support B), an eye 3 engaging the other end of the chain and swiveled in a U-shaped strap 4, and a bolt 5 passing through the two arms of the U-shaped strap and the intermediate book and provided with a nut
50 6. This construction readily supports the directory and at the same time allows the desired freedom of movement of it in use.

The strap 4 is a sheet metal member bent into a U-shape, and if desired may be made

of spring material. The eye 3 has a shank 7
55 extending through the crown of the U and provided with an upset head 8 on the inner side of the U. By this means the eye is permanently secured to the U and at the same
60 time swiveled to it.

The U-strap is of such size as to readily
65 but freely embrace the two sides of the telephone directory A. This strap is provided with two holes opposite each other through which the bolt 5 extends. This bolt is of
70 such size that it may readily pass through a hole *a* formed through the telephone directory adjacent to the corner. The bolt is provided at one end with screw threads 10 and
75 has on the other end a suitable head 11, which is preferably rounded, as shown. The bolt 5 may be of the carriage bolt type, as shown, having a square portion 12 on its shank occupying a square hole in the strap whereby it is prevented from turning.

The nut 6 is shown as angular and adapted to be turned by a wrench. On the inner
80 face of this nut is a radial notch 13 which is adapted to coact with a lug 15 offset outwardly from that side of the strap 4. This
85 lug is abrupt on the side engaged by the wall of the notch when the nut unscrews, but is gradual on the side engaged when the nut is screwing on, as clearly shown in Fig. 5. The
90 result is that the nut may be screwed on much more readily than it may be screwed off. The body of the embraced book limits the inward movement of the arms of the U-shaped strap, though the paper will, of
95 course, stand some compression. Accordingly, by means of a wrench, the nut may be turned on over the ratchet detent described tightly enough so that it is impossible to remove it with one's fingers. It may, however, be removed by a suitable tool.

It is not the intention to supply a burglar-proof device, but to supply a holder which
100 makes it so inconvenient to remove the book that it will not ordinarily be done. Experience has demonstrated that the removal of the books comes from actual users of the booth, who incidentally remove the book, rather than from persons entering the booth with a special intention of removing the book. Accordingly, while such ordinary
105 tools as a suitable wrench or a pair of pincers are sufficient to effect the removal, the fact that they are required is effective in

preventing a very large per cent. of the removals. At the same time it is a very simple matter for the employees of the telephone company, who supplies new books, to remove
5 the former issues.

Having thus described my invention, what I claim is:

1. The combination, with a book, of a U-shaped strap of yielding metal having parallel legs embracing the book, there being
10 alined holes through the book and the two legs of the U, a bolt passing through said holes and provided with a nut, a ratchet detent connection between the nut and strap
15 enabling the elasticity of the book to keep this connection in engagement, an eye swiv-

eled to the crown of the strip, and a flexible supporting member secured to the eye.

2. In a device for supporting and securing telephone directories, the combination
20 with a U-shaped strap, of an eye swiveled thereto, a chain secured to the eye, a bolt passing through two legs of the strap and having a head on one end and threaded at the other, and a nut screwing onto the
25 thread and having a notch in its inner face and an outward projection on the strap adapted to occupy such notch.

In testimony whereof, I hereunto affix my signature.

WILLIAM E. LUDLOW.