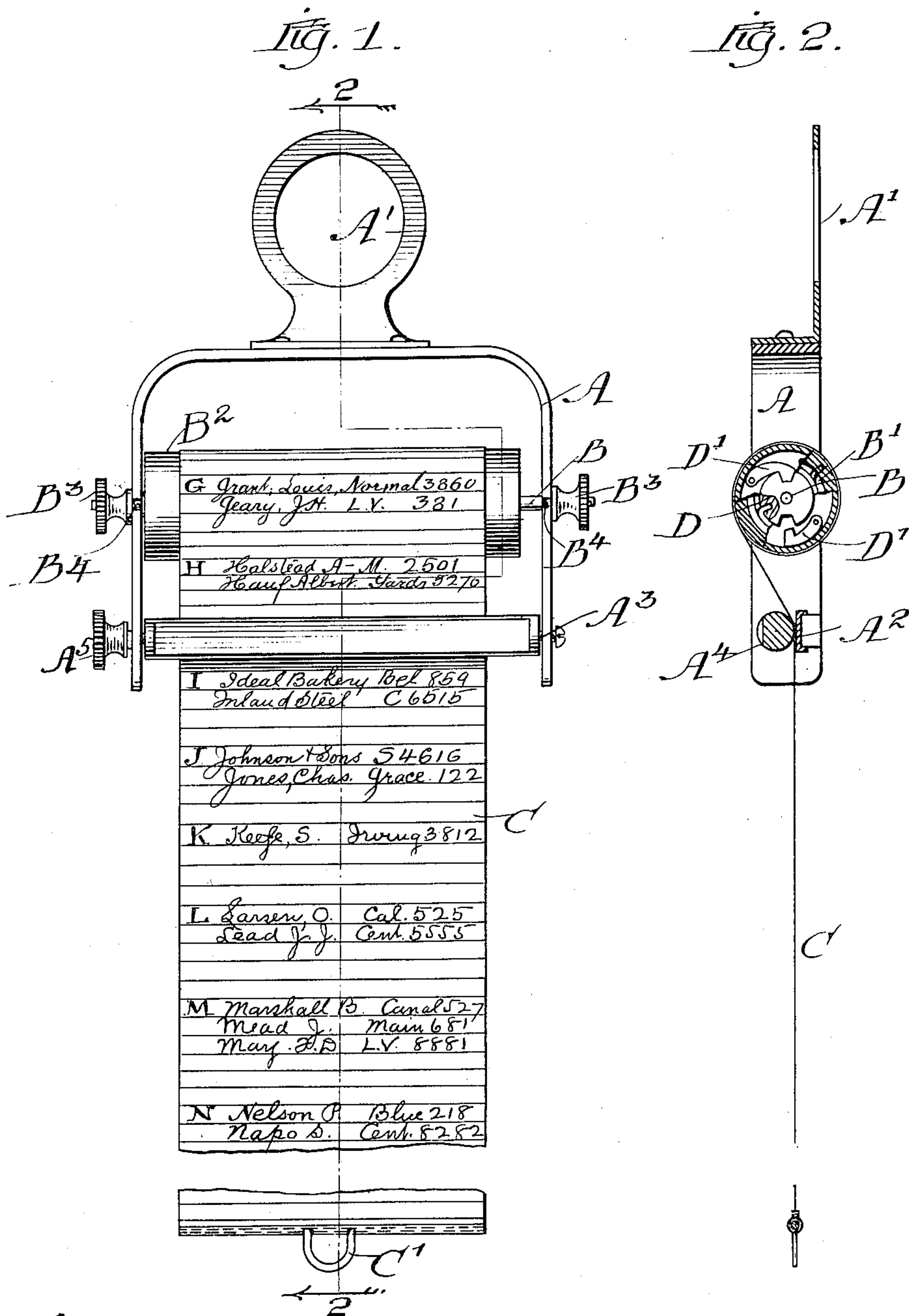


W. H. WALKER.  
MEMORANDUM DEVICE FOR TELEPHONES.  
APPLICATION FILED AUG. 30, 1909.

990,318.

Patented Apr. 25, 1911.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

WILLIAM HENRY WALKER, OF CHICAGO, ILLINOIS.

MEMORANDUM DEVICE FOR TELEPHONES.

990,318.

Specification of Letters Patent.

Patented Apr. 25, 1911.

Application filed August 30, 1909. Serial No. 515,193.

*To all whom it may concern:*

Be it known that I, WILLIAM H. WALKER, a subject of the King of Great Britain, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Memorandum Devices for Telephones, of which the following is a specification.

My invention relates to improvements in telephone devices and has for its object to provide a compact and easily accessible device which may be attached to the transmitter of a telephone to exhibit the names of subscribers.

It is illustrated in the accompanying drawings, wherein—

Figure 1 is an elevation of the device; Fig. 2 is a cross section along the line 2—2 of Fig. 1.

Like parts are indicated by the same letter in all the figures.

A U-shaped frame A is provided with a ring A<sup>1</sup> by which it may be suspended from the telephone and at its lower extremity with a fixed cross bar A<sup>2</sup> and a rotatable shaft A<sup>3</sup> having the cam portion A<sup>4</sup> and the thumb piece A<sup>5</sup> whereby it may be rotated. This device operates also as an indicator to locate the name of the subscriber desired which, as hereinafter explained, might be just above the cam bar. In the frame is mounted a fixed shaft B surrounded by a spiral spring B<sup>1</sup> attached at one end to the shaft and at the other end to the cylinder or roll B<sup>2</sup> which thus incloses the spring and shaft, being adapted to be rotated about the shaft in one direction by the action of such spring. The thumb screws B<sup>3</sup> are adapted to tighten the shaft B and to prevent its rotation in the frame.

C is a name strip preferably divided into sections for subscribers' names beginning with each letter of the alphabet. One end of it is preferably secured by pasting or otherwise to the cylinder or roll. The body of the strip is passed between the fixed bar and the cam and the end of the strip is provided with a hand piece C<sup>1</sup>. The cam device performs also the function of an indicator and it might perform that function to indicate or locate the name of the subscriber desired without serving as a catch. In this event, however, it would be necessary to substitute some other catch device. I release such catch device by the notch plate D pivoted on the shaft B with the loose

detents D<sup>1</sup> D<sup>1</sup>, the whole operating in the usual manner.

The shaft B has at its ends the knobs B<sup>3</sup> B<sup>3</sup> and is adapted to be moved in and out through the slots B<sup>4</sup> in the frame to permit the removal of the shaft from the frame when that is necessary.

It will be evident that although the device illustrated is an operative device yet the arrangement of the parts might be materially changed without departing from the spirit of my invention within the scope of the appended claims. I wish therefore that the drawings be considered as diagrammatic.

The use and operation of my invention are as follows:—The strip C which may be of any desired length and material, is fastened in any desired way to the roller B<sup>2</sup> and carried down between the cross bar A<sup>2</sup> and cam A<sup>4</sup> in such manner as to be gripped between them and then to be released by the rotation of the cam A<sup>4</sup>. Telephone numbers of different parties may be written on the strip C and when it is desired to refer to these numbers the strip C is pulled down until the desired number is immediately above the cam. The cam is then turned, thus holding the strip against the action of the spring B<sup>1</sup>. As soon as the desired number has been obtained the cam is rotated, thus releasing the strip which flies back until the hand piece C<sup>1</sup> bears against the cam and cross bar A<sup>2</sup>. If, however, the desired number is not obtained at first, the device will be left as it is, and will act as a constant reminder that the number which is immediately above the cam was wanted. Thus I am enabled to provide a telephone directory wherein the numbers of the desired subscribers may be easily referred to, and may be automatically retained in case a connection is not immediately had. If the cross bar and cam be arranged so as not to serve as a catch for the strip but simply as an indicator, then a catch device such as that formed by the parts D and D<sup>1</sup> may be supplied whereby in the usual manner of a window shade the strip may be brought to and retained at any desired position.

I claim:

1. A telephone directory comprising a supporting frame, a spring actuated roller, a name strip attached to and adapted to be wound upon the roller, and a combined catch and indicating device to hold the strip in any predetermined position.



2. A telephone directory comprising a supporting frame, a spring actuated roller, a name strip attached to and adapted to be wound upon the roller, and a cam adapted  
5 to hold the strip in any predetermined position, said cam adapted to act as an indicator for any particular name upon the strip.

3. A telephone directory comprising a  
10 supporting frame, a spring actuated roller,

a name strip attached to and adapted to be wound upon the roller and a catch comprising a flat rigid bar and a cylinder having a flat side rotating in opposition to said bar, said strip adapted to pass between said cylinder and said bar. 15

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