(No Model.)

H. N. HASTINGS.

TELEPHONIC APPARATUS.

No. 339,766. Patented Apr. 13, 1886.



Witnesses:
Daniel Hutchinson
Spencer L. Drake.

Inventor:
per Henry N. Hastings
W. P. Hutchinson
Attorney.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

HENRY N. HASTINGS, OF LYNN, MASSACHUSETTS.

TELEPHONIC APPARATUS.

SPECIFICATION forming part of Letters Patent No. 339,766, dated April 13, 1886.

Application filed December 9, 1885. Serial No. 185,097. (No model.)

To all whom it may concern:

Be it known that I, HENRY N. HASTINGS, a citizen of the United States, residing at Lynn, in the county of Essex and Commonwealth of Massachusetts, have invented a new and useful Device for Increasing the Reliability of Telephone-Messages, of which the following is a specification.

My invention consists in having the letters of the alphabet, words, &c., arranged so as to be readily seen, in combination with known characters, such as figures—a separate figure for each letter or word used—and the object of my invention is to avoid confusion and mistake in the transmission of letters, words, &c., by means of telephone. It will be found particularly advantageous in the transmission of initials, especially those liable to be confounded with others of a similar sound.

In the accompanying drawing, I have shown the device with the letters and figures arranged in a circle; but I do not confine myself to this method, as they may be arranged in the form of a square or any convenient form.

The letters and figures should be printed on a plane surface, so that the device may be fastened to the battery-box of a telephone or other convenient place where it will be always in sight. Now, reference being had to the accompanying drawing, we will suppose that there is a message for a man whose initials are "A. J." The message will be sent to "A. J., 1-10," "1" being the number of A and "10" the number of J. Now, the operator might have understood the second letter to have been G instead of J, but, by referring to the chart he will see by the figures 1 and 10 that the initials must have been "A. J."

I do not confine myself to the combination of letters and figures, as the combination of figures and words may be used. Thus the combination of figures and the names of railroads or mining companies may be made for the use of brokers and others. Neither do I confine myself to any language, as the device may be printed in any. It may also be used in combination with any telephone system or any system of transmitting spoken words.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A device consisting of a surface having thereon words, letters, or characters in combination with figures, a separate figure for each word, letter, or character, in combination with a telephone or other means of transmitting spoken words, substantially as set forth.

HENRY N. HASTINGS.

Witnesses:
BENJ. M. CLIFFORD,
W. B. HUTCHINSON.