Oct. 12, 1926. 1,603,229

T. R. ARDEN

TOY TELEPHONE

Filed July 14, 1925

Fig. 1.

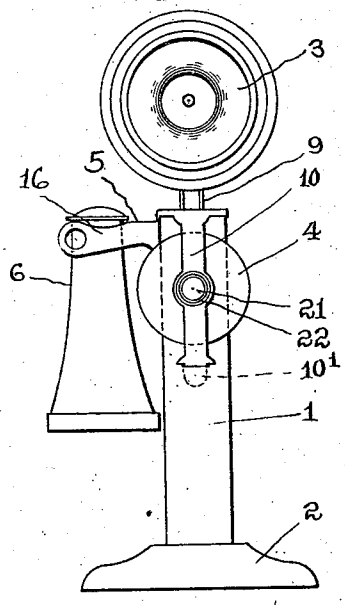


Fig. 2.

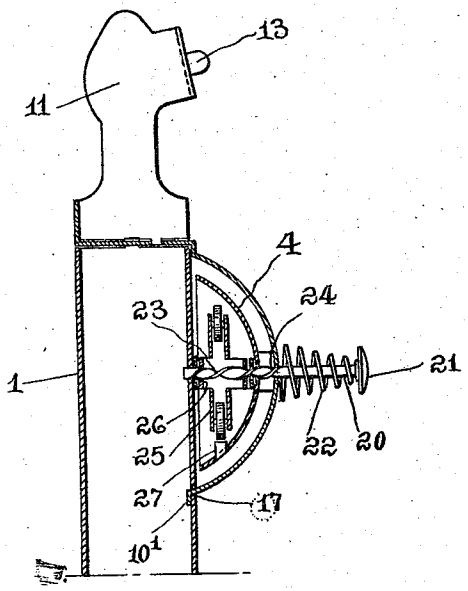


Fig. 3.

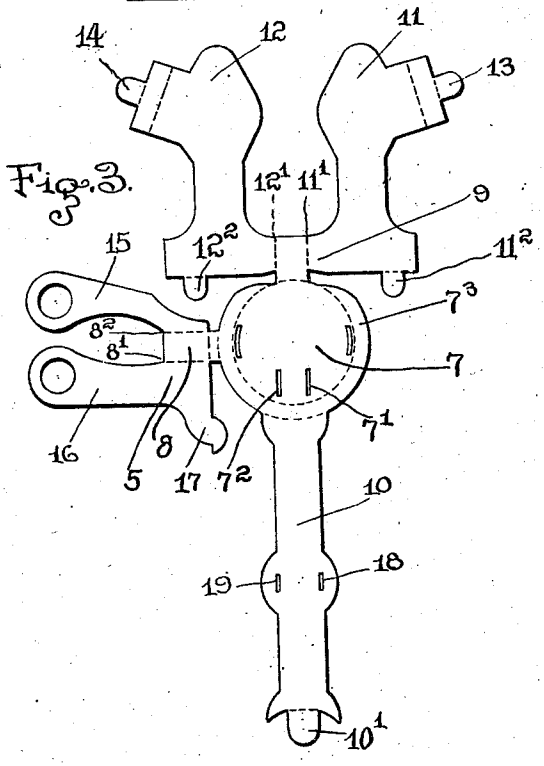
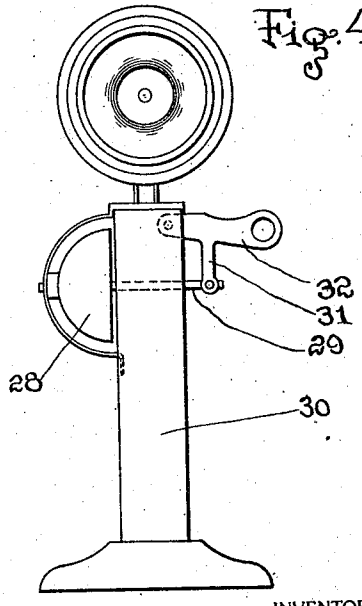


Fig. 4.



INVENTOR

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UNITED STATES PATENT OFFICE.

THOMAS RAYMOND ARDEN, OF FOREST HILLS, NEW YORK, ASSIGNOR TO JULIUS CHEIN, OF NEW YORK, N. Y.

TOY TELEPHONE.

Application filed July 14, 1925. Serial No. 43,449.

My invention relates to improvements in toy telephones.

An object of my invention is to provide a simple and useful toy.

A further object of my invention is to provide a toy telephone having a minimum number of parts.

A further object of my invention is to provide a toy of the character described which may be produced at small cost.

I accomplish these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of the device.

Figure 2 is a vertical section.

Figure 3 is a view of the blank from which the head section is produced, and

Figure 4 is a view of an optional form of the device.

Similar characters refer to similar parts, throughout the several views.

My improved toy preferably includes a cylindrical standard 1 mounted on a base 2, with a transmitter 3, a bell 4, hook 5, and receiver 6 all in simulation of a well known form of the telephone instrument.

The head section of the device is preferably constructed from the integral blank illustrated in Figure 3, and includes a cap portion 7, a hook portion 5, a transmitter support 9, and a bell support 10 all of which are cut out and bent over as hereinafter described.

The transmitter support 9 includes a pair of integral counterpart leaves 11 and 12 joined at their base and having lugs 13, 14 to engage and carry the transmitter 3.

The hook portion 5 includes a pair of prongs 15, 16 joined at their base and having a bracket section 17.

The bell support 10 is a strip extending from the cap portion 7.

The cap portion 7 is provided with a peripheral margin 7^3 adapted to be bent over to clasp the upper edge of the cylindrical standard 1.

The leaves 11 and 12 of the transmitter support 9 are bent over at right angles to the cap portion 7 and are folded on the lines 11^1 and 12^1 to lie in parallel relation to each other, the lugs 11^2 and 12^2 engaging the seats 7^1 and 7^2 respectively of the cap portion 7.

The hook section 8 is folded on the lines 8^1, 8^2 and the prongs 15 and 16 are bent to form a U-shaped hook resembling the receiver hook of a telephone instrument of the usual type.

The bell support 10 is bent over and arched to seat the lug 10^1 in its seat 17 in the standard 1, and is provided with apertures 18, 19 whereby the bell 4, may be attached in any desired manner.

The said blank forming the head section is preferably stamped out, as above described, and folded in a single operation by means of a suitable machine adapted to perform the operation.

I preferably use with my device a bell 4 which may be sounded by means of a shaft 20 provided with a button 21 and normally held in its extended position by means of a spring 22. The shaft 20 travels in a slot 24 preventing its rotation and which, provided with a special end section 23, operates a rotating clapper 25 by means of a slot 26 therein, a lug 27 being provided in the bell to cause the clapper to strike and sound the bell.

An optional form of the device is illustrated in Figure 4 in which the bell 28, of the type above described, is sounded by means of a shaft 29 extended through the standard 30 and engaging an arm 31 on the moveable hook 32. In this form of the device the several parts and the arrangement thereof are similar to that above described but the head section is formed without the hook portion 8 shown in Figure 3.

Having thus described my invention, what I claim is:

1. In a toy telephone, a blank of sheet material having a cap, a support extending from the periphery of said cap substantially at right angles thereto and means on said cap and support for locking them together in said angled relation.

2. In a toy telephone a standard, a cap on the standard, an arcuate bell support connected to said cap and standard, a bell thereon, a plunger journaled thru said bell and in said standard and said support, clapper means on said plunger adjacent said bell whereby the bell may be rung.

3. In a toy telephone, the combination of a standard, a cap on said standard, an arcuate bell support formed integrally with said cap, means to lock said support to said standard, a transmitter substantially in the plane of said support, a receiver support

formed integrally with said cap and extending substantially at right angles to the plane of said bell support.

4. In a toy telephone, the combination of a standard having a cap, an arcuate support formed integrally with said cap, a lug on the end of said support engaging said standard, a bell fixed to said support substantially concentric therewith, a shaft having one end thereof twisted to form a spiral, said shaft being slidably mounted in said support and said standard, clapper means mounted on said spiral within said bell, a button on said shaft and a spring means surrounding said shaft between said button and said support.

In testimony whereof, I have signed my name to this specification this 13th day of July, 1925.

THOMAS RAYMOND ARDEN.

Certificate of Correction.

It is hereby certified that Letters Patent No. 1,603,229, granted October 12, 1926, upon the application of Thomas Raymond Arden, of Forest Hills, New York, for an improvement in "Toy Telephones," were erroneously issued to "Julius Chein, of New York, N. Y.," as assignee, whereas said Letters Patent should have been issued to *Elizabeth H. Chein, of New York, N. Y., executrix of said Julius Chein, deceased,* as shown by the records of assignments in this office; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 16th day of November, A. D. 1926.

[SEAL.]

M. J. MOORE,
Acting Commissioner of Patents.