G. H. WEINRICH.

GUARD FOR TELEPHONE TRANSMITTERS AND THE LIKE.

APPLICATION FILED MAR. 10, 1921.

1,400,334.

Patented Dec. 13, 1921.

Fig. 1

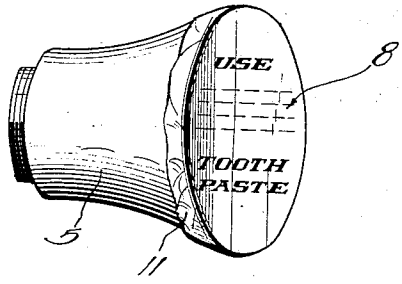


Fig. 2

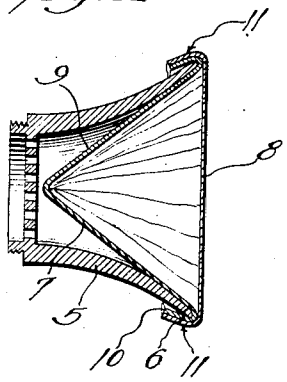


Fig. 3

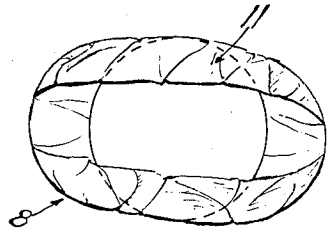
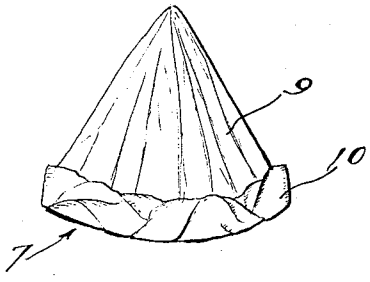


Fig. 4



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GUARD FOR TELEPHONE-TRANSMITTERS AND THE LIKE.

1,400,334. Specification of Letters Patent. Patented Dec. 13, 1921.

Application filed March 10, 1921. Serial No. 451,230.

To all whom it may concern:

Be it known that I, GLADYS H. WEINRICH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Guards for Telephone-Transmitters and the like, of which the following is a specification.

This invention has to do with certain improvements in guards for telephone transmitters. The guard to which the present invention relates is intended for attachment to the transmitter of a telephone. It is particularly intended for protection of the user of the telephone from possible infection or the like occasioned by the presence of germs on the telephone transmitter. At the same time the present guard is very well adapted for advertising or similar purposes.

One of the objects of the present invention is to devise a guard for a telephone transmitter, which guard may be readily attached or removed by the user of the telephone. This will make it possible for telephone users to carry these guards with them and attach them to the transmitters of telephones which they may use from time to time.

Another feature of the invention has to do with the provision of a guard made of paper or other similar material, and so formed that it may be readily folded up into a very small space. This will make it more convenient for the telephone users to carry the guards with them, and will also make it possible to more easily and conveniently ship the guards in quantities.

Another feature of the invention has to do with the provision of a medicated or otherwise sanitated guard, the same being impregnated with suitable anti-septic material. Other objects and uses of the invention will appear from a detailed description of the same, which consists in the features of construction and combinations of parts hereinafter described and claimed.

In the drawing:

I have illustrated a simple type of guard embodying the features of the present invention, wherein—

Figure 1 shows a perspective view of a telephone transmitter having applied thereto one form of guard embodying the features of the present invention;

Fig. 2 shows a cross section through a telephone transmitter provided with the guard illustrated in Fig. 1. This guard includes two layers or portions either one of which may be used independently if so desired.

Fig. 3 shows a plan view of the flat guard folded up for convenient carriage or shipment; and

Fig. 4 shows a perspective view of the conical guard folded up into a flat form for convenient carriage or shipment.

The telephone transmitter is designated by the numeral 5. It may be any transmitter which is to be protected, but I have illustrated a transmitter of the usual form having the front flanged portion 6 which is of larger size than the rear portion.

The guard illustrated in Fig. 2 includes the two sections 7 and 8, which I will designate as the conical and the flat sections respectively. The conical section may be made up from a substantially circular piece of paper 9, the edge portion 10 of which is folded over so as to provide a flange which may snugly engage the edge portion 6 of the transmitter; and the central portion of this piece of paper is formed into a cone by the use of suitable apparatus such as a die press. During this forming operation there will naturally be produced crimps or corrugations in the body of the material, but it will not be objectionable in the ordinary use of such a device.

The outer or flat portion 8 may also be made from a circular piece of paper having its edge portion 11 folded inwardly and crimped so as to engage either the edge 10 of the inner portion 7 or the edge 6 of the transmitter.

The conical section 7 may be laid into a substantially flat form as shown in Fig. 4, because the corrugations or crimps of its body will adjust themselves to a sufficient degree. Similarly, the flat section 8 may be folded as shown in Fig. 3 at which time the corrugations of its edge portion will also adjust themselves in proper manner.

These guards will ordinarily be made of paper and will be medicated by the use of a suitable anti-septic material, so as to render them sanitary and so as to prevent the transmission or carrying of germs. Any suitable material may be used for this purpose such as lysol, etc.

When the guard is to be used its edge por-

tion may be easily opened out in such a manner as to embrace the edge of the transmitter. On account of the resiliency of the edge of the guard occasioned by the corrugations or crimps, it will attach itself firmly and retain its position on the edge of the transmitter. It may be easily removed by the user of the telephone and then folded up and carried away.

In some cases it may be desirable to use the guard for advertising purposes, in which case any suitable advertisement may be marked on the face of either or both of the sections 7 and 8 as shown for example in Fig. 1.

In some cases one of the guard sections will be used whereas in other cases both sections will be used. I have, however, for purposes of convenience shown both sections in Fig. 2, but it will be understood that I contemplate the use of either one individually or both together according to the wishes of the user.

I claim:

1. As a new article of manufacture, a sanitary guard for the mouthpiece of a telephone transmitter or the like comprising a conical paper section having its edge portion flanged backward and crimped and adapted to engage the edge portion of the telephone transmitter mouthpiece, and a flat paper section adapted to set over said conical paper section and having its edge portion flanged backwardly and crimped and adapted to engage the edge portion of the conical section, both of said sections being impregnated with suitable anti-septic material, substantially as described.

2. As a new article of manufacture, a sanitary guard for the mouthpiece of a transmitter or the like comprising a conical section having its edge portion flanged backward and crimped and adapted to engage the edge portion of a telephone transmitter mouthpiece, and a flat section adapted to set over said conical section and having its edge portion flanged backward and crimped and adapted to engage the edge portion of the conical section, and a suitable advertisement at the front face of the front section, substantially as described.

3. As a new article of manufacture, a sanitary guard for the mouthpiece of a transmitter or the like comprising a conical section having its edge portion flanged backward and crimped and adapted to engage the edge portion of a telephone transmitter mouthpiece, and a flat section adapted to set over said conical section and having its edge portion flanged backward and crimped and adapted to engage the edge portion of the conical section, substantially as described.

GLADYS H. WEINRICH.