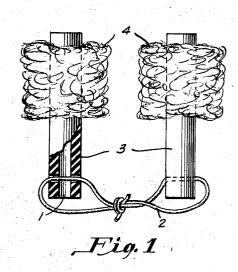
# I. D. KUHLMAN

TONE DOWNER

Filed Feb. 25, 1966



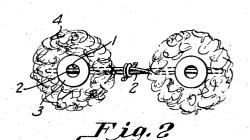




Fig. 3

Inventor Im Levey Tuhlman

#### 3,424,152 TONÉ DOWNER

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Filed Feb. 25, 1966, Ser. No. 534,957 4 Claims 5 U.S. Cl. 128-132 Int. Cl. A61f 5/56, 13/00; A61l 15/00

## ABSTRACT OF THE DISCLOSURE

A device for insertion in the nostrils of an individual 10 to reduce nasal snoring comprising two pieces of soft rubber tubing, each about one inch long and a quarter of an inch in diameter, connected near one end by a thread or the like, cotton wrapped around each piece to hold it in the nostril.

The composition of this device is two pieces of soft rubber tubing approximately one inch long, joined together at the bottom by running a single strand of wire, nylon thread, or other fiber completely thru the diameter of the two pieces of tubing and joining the connecting material together by intertwining, interlacing, or joining with additional thicknesses of this same material so as to reinforce and make a smooth surface, leaving about onefourth inch strip of this connection so as to span the space at the bottom of the nose. A thin sheet of absorbent cotton may be wrapped around each piece of rubber so as to make this device comfortable when in position within the nostrils of the user. The cotton sheet is wrapped only around the sides of the rubber tubing, not over the ends, which are to be left open for breathing.

The object of this device is to force the breath to some extent thru the tubing, thereby softening or toning down the coarse, rattling sound which often accompanies snor-

This and other objects and advantages of my invention will more fully appear from the following description and from the drawing in which:

FIGURE 1 is the device standing upright as it would be before inserting into nose.

FIGURE 2 is the thin sheet of absorbent cotton which may or may not be wrapped around the pieces of tubing for greater softness and comfort.

In use, the "Tone Downer" may be inserted into the 45 128—148

nostrils before going to sleep and placed in a position that will be comfortable to the user. Breathing should be easy thru the open tubing (1). If desired, the thin sheet of absorbent cotton (4) should be wrapped around each piece of tubing (3) so that the rubber tube (3) will not come in contact with the inner lining of the nose, if that

is uncomfortable or objectionable to the user.

If snoring should occur during sleep without the sleeper being aware of causing disturbance, the "Tone-Downer" may be slipped into the nostrils by taking hold of the connecting wire, nylon thread, or other fiber (2) and carefully inserting the rubber tubes (3) into the respective nostrils.

If the thin sheets of absorbent cotton (4) are used, 15. they may be disposed of easily by holding the device under running water and the wet cotton will slide off, leaving the tubes (3) clean and sanitary.

Having described my invention, I claim:

- 1. A device for reducing nasal snoring including a pair of tube segments of a size for free insertion in the nostrils of a person, and means loosely holding the tube segments together as a pair and adapted to resist overinsertion of the tubes in the nostrils.
- 2. The combination of claim 1 and a cotton swathe around each tube segment for centering and holding the same in a nostril.
  - 3. The combination of claim 1 in which the tube segments are about an inch in length and about a quarter of an inch in outer diameter.
  - 4. The combination of claim 3 in which the tube segments are of soft material.

### References Cited

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ADELE M. EAGER, Primary Examiner.

U.S. Cl. X.R.