

(No Model.)

2 Sheets—Sheet 1.

F. L. A. CANARY.
DOG MUZZLE.

No. 459,609.

Patented Sept. 15, 1891.

FIG-1

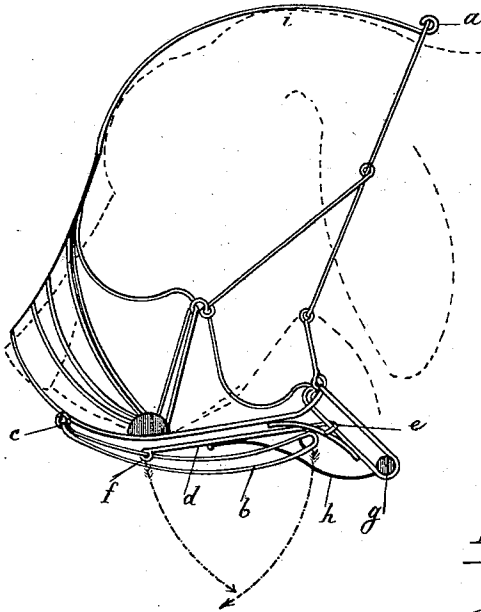


FIG-3

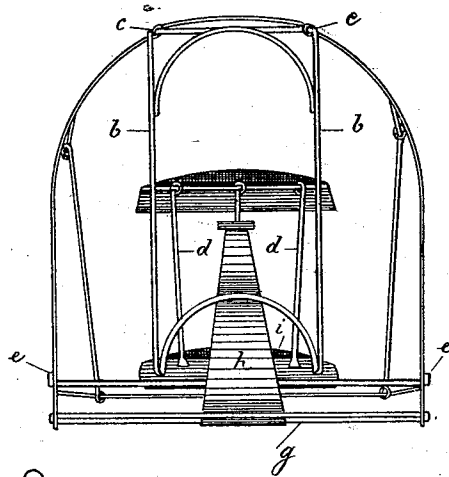
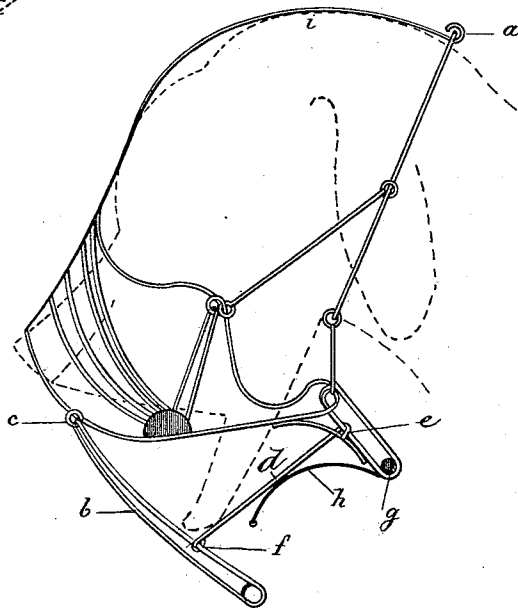


FIG-2



Witnesses.
W. Harvey Muzzy.
J. M. Copechaver.

Inventor.
Francois Louis Antoine Canary
by W. H. Babcock
Attorney.

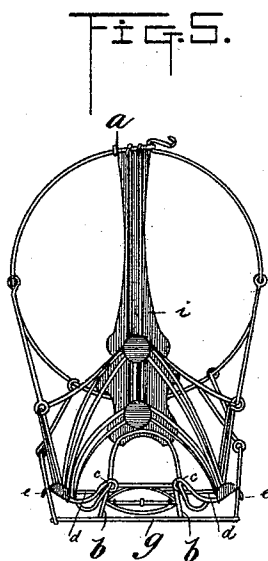
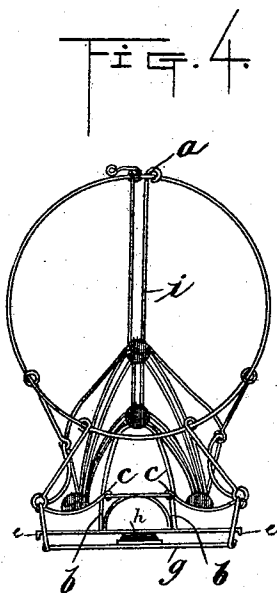
(No Model.)

2 Sheets—Sheet 2.

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Witnesses.

M. Harvey Muzzy.
J. M. Brown.

Inventor.

Francois Louis Antoine Canary
by
Wm H Babcock
Attorney.

UNITED STATES PATENT OFFICE.

FRANÇOIS LOUIS ANTOINE CANARY, OF DRAGUIGNAN, FRANCE.

DOG-MUZZLE.

SPECIFICATION forming part of Letters Patent No. 459,609, dated September 15, 1891.

Application filed March 11, 1891. Serial No. 384,601. (No model.) Patented in France August 2, 1890, No. 207,335.

To all whom it may concern:

Be it known that I, FRANÇOIS LOUIS ANTOINE CANARY, a citizen of the Republic of France, residing at Draguignan, in the Department of Var, in France, have invented certain new and useful Improvements in Dog-Muzzles, (for which I have obtained patent in France, No. 207,335, dated August 2, 1890,) of which the following is a description.

The object of the present invention is to allow muzzled dogs to eat, drink, and breathe freely, at the same time preventing them from biting any one. To this end I provide a muzzle with a yielding lower part consisting of frames covering the dog's mouth and lower jaw, a spring being employed to force the said frames upward, following the closing motion of that member.

My invention consists in the combination of a yielding spring-pressed part thus employed with the main upper part of the muzzle, and more particularly in the specific combination of devices hereinafter set forth and claimed.

In the accompanying drawings, Figures 1 and 2 represent side elevations of a muzzle embodying my invention, the yielding lower part being closed in the former, open in the latter, and the outline of the dog's head being roughly indicated by dotted lines. Fig. 3 represents a view from below of the muzzle. Fig. 4 represents a rear elevation of the devices embodying my invention, and Fig. 5 represents a front elevation of said devices.

My improved muzzle, as shown in the drawings hereto attached, is constructed mainly of wire, although metal plates or similar devices may in part be substituted. That portion of it extending back over the head of the dog ends in two hooks *a* behind the dog's neck. These engage detachably with the side parts of the muzzle, which are in proximity to the dog's ears and allow the muzzle to be removed conveniently. The upper part of the muzzle does not need any further description, as the upper part of almost any ordinary muzzle will suffice. To this upper part, nearly un-

der the nostrils of the dog, a frame *b* is pivoted at *c*, extending backward and opening downward. A second frame *d* extends therefrom to guideways, which are attached to the rear lower corners of the upper or main part of the muzzle. These guideways have the form of closed elliptic links, and the frame *d* is provided with eyes *e*, which fit thereon, sliding freely. The said frame *d* is connected to the frame *b* on each side by rings *f*, which allow said frames *b d* to slide easily. These frames are continually forced upward by a plate-spring *h*, which is curved and bears with its convexity against the frame *d*, the rear end of said spring being fixed to a cross-rod *g*, which rests in the lower ends of links or guideways. When the dog eats or drinks, these freely-moving parts *b d* yield to the necessary movement of the lower jaw, but at all times the frame *b* covers the mouth sufficiently to prevent him from biting any one. Such an attempt will result only in a slight blow from the frame *b*, which can do no great harm. The muzzle does not bind closely anywhere on the dog's head, and there is no impediment to breathing. It is lined with leather, cloth, or other soft material at the points where it is most likely to rub the skin and make it sore.

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

In a dog-muzzle, the combination, with the rigid head-gear, of the movable lower portions *d* and *b*, having sliding connection with each other and each being movably attached to said rigid head-gear, the loops or guideways *e*, and spring *h*, bearing against the part *d* to close it when the dog closes his mouth, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of February, 1891.

FRANÇOIS LOUIS ANTOINE CANARY.

Witnesses:

EMILE KANTER,
GUILLAUME ANTHONISSEN.