

F. J. MANSFIELD.
LITERATURE DISTRIBUTING DEVICE.
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1,309,040.

Patented July 8, 1919.

Fig. 1.

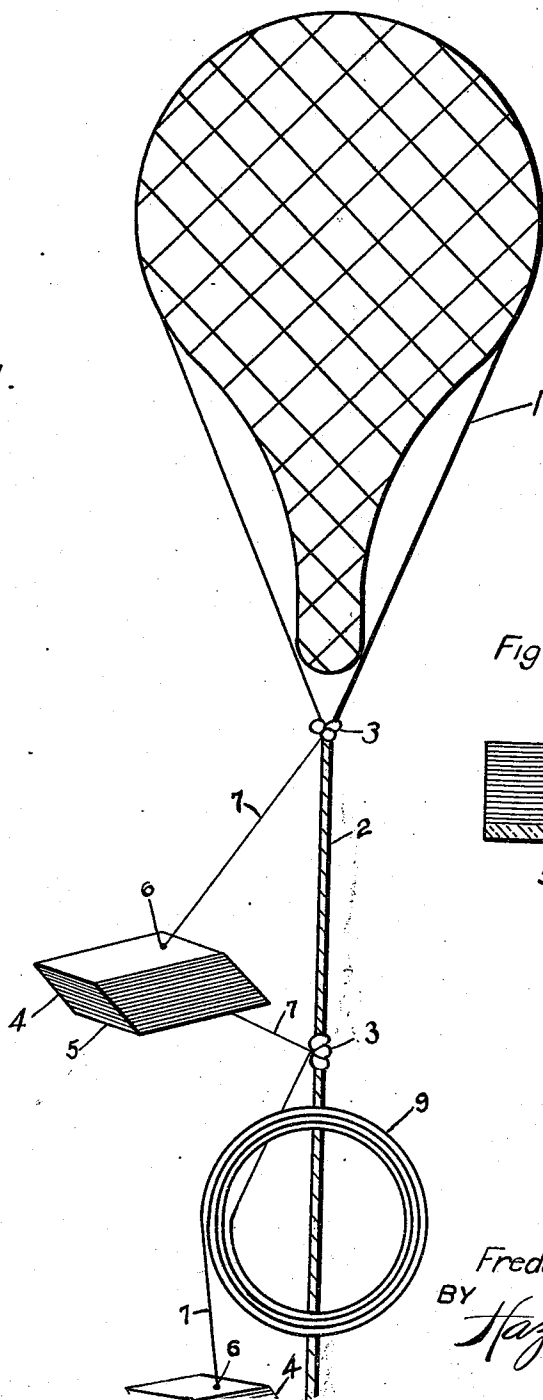
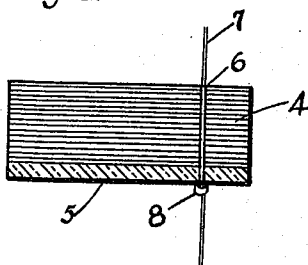


Fig. 2.



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UNITED STATES PATENT OFFICE.

FREDERICK JOHN MANSFIELD, OF PASADENA, CALIFORNIA.

LITERATURE-DISTRIBUTING DEVICE.

1,309,040.

Specification of Letters Patent.

Patented July 8, 1919.

Application filed February 14, 1918. Serial No. 217,292.

To all whom it may concern:

Be it known that I, FREDERICK JOHN MANSFIELD, a citizen of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Literature-Distributing Devices, of which the following is a specification.

The invention relates to distributing devices and the main object of the invention is to provide a device for scattering literature and dropping things in enemy country.

Figure 1 is a view in elevation illustrating a distributing device for balloons embodying the principles of my invention.

Fig 2 is an enlarged sectional detail through one pile of literature.

Referring to the drawing in detail the balloon 1 is attached to a rope 2. Knots 3 are formed in the rope 2 suitable distances apart. The piles of literature 4 are placed upon asbestos boards 5 and a perforation 6 is formed vertically through each pile 4 and board 5. The fuse 7 is passed through the perforations 6 and the fuse is attached to the rope 2 above and below each pile of literature. A knot 8 is formed in the fuse 7 below the asbestos board 5 and a coil 9 of fuse is formed between two blocks of literature. The rope may be of any desired length and any desired number of the blocks of literature may be attached to the ropes by the fuse 7 and any desired length of fuse may be left below the last block of literature, so that the balloon may travel a considerable distance after the fuse is lighted and before the distribution of literature begins.

As the balloon travels over the enemy's country, the fuse will burn from its lower end and every time a knot 8 burns away, the block of literature above the knot will be

released to fall and scatter over the country. The length of fuse between the blocks serve as timing devices to regulate the time that must elapse between the release of one block and the release of the next block.

The asbestos boards 5 serve to protect the literature while the knots 8 are burning away.

Various changes may be made without departing from the spirit of my invention as claimed.

I claim:

1. A distributing device for balloons consisting of a fuse attached to the balloon and blocks of literature through which the fuse extends.

2. A distributing device for balloons comprising a rope adapted to be attached to a balloon, a fuse attached to the rope at various points, and blocks of literature strung upon the fuse between the points of attachment so that as the fuse burns away the blocks of literature will be released.

3. A distributing device for balloons comprising blocks of literature mounted upon asbestos boards, a rope adapted for attachment to a balloon and having knots, a fuse passing through the blocks of literature and having knots below the asbestos boards, the fuse being attached to the ropes above and below the blocks, and coils in the fuse between the blocks.

4. A distributing device for balloons comprising blocks of literature strung upon a fuse and means for attaching the fuse to a balloon.

In testimony whereof I affix my signature in the presence of two witnesses.

FREDERICK JOHN MANSFIELD.

Witnesses:

JULIA P. HATCHER,
RAY M. HOBBS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."