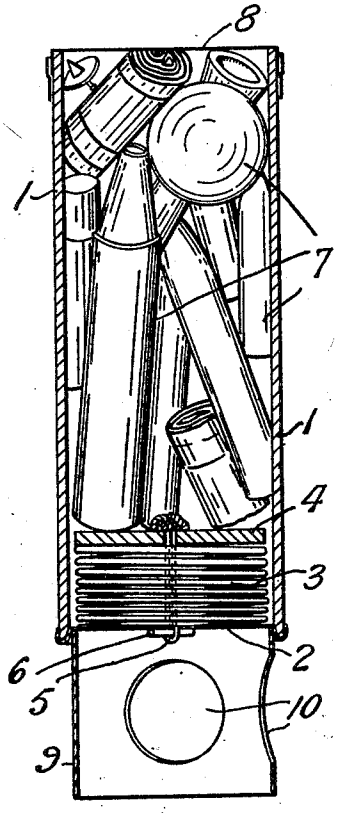
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J. S. MACHIN

TOY BOMB

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Inventor:
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By his attorneys
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UNITED STATES PATENT OFFICE.

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TOY BOMB.

Application filed May 12, 1927, Serial No. 190,912, and in Great Britain May 18, 1926.

This invention relates to an improved toy "bomb" of the kind which, when actuated, makes a display in the form, for example, of a shower of small articles such as whistles, paper hats, ornaments, confectionery, and so forth.

The object of the invention is to dispense with the use of explosives so as to produce a harmless, but nevertheless realistic and effective "bomb" or surprise toy.

According to this invention the energy for effecting the disruption or display is mechanically stored and is adapted to be released by the application of heat to a body of fusible substance or heat sensitive material employed to hold back the stored energy. For example, the energy is stored in a spring held under compression in a container by means of an anchoring member connected to an end or wall of the container by a small piece of celluloid or other substance which readily fuses or disintegrates under the action of moderate heat and thereby releases the spring.

The invention is illustrated by way of example in the accompanying drawing which is a sectional elevation of a toy "bomb".

In the drawing, 1 is a cylinder of strawboard, papier mâché, or the like, sealed at the bottom end by a more or less rigid disk 2, preferably of metal, having a central hole. Within the cylinder is contained a helical spring 3 held compressed against the bottom of the cylinder by anchoring means which comprise a cap 4, a loop of cord or string 5 knotted above the cap and passing through the hole in the bottom disk, and a small strip or link 6 of celluloid engaged by the loop. In the cylinder above the cap 4 are contained a number of small toys or articles 7 of the kind previously mentioned. The top end is closed by a cover 8 of flimsy material such as tissue paper.

For operation, the cylinder is placed on a support 9 provided with openings 10 giving access underneath the cylinder. A lighted match is then applied through one of the openings 10 to the bottom of the cylinder to burn the celluloid 6 whereupon the spring is released and a shower of the articles expelled through the top of the cylinder.

The toy is painted or otherwise given an appropriate "get up" to represent an article of a firework nature.

The term "heat sensitive material" used in this application means a material which will readily melt, burn, or disintegrate under the action of moderate heat such as obtained from a lighted match.

What I claim is:—

A toy "bomb" comprising in combination a container, a compressed helical spring mounted coaxially within the container, a cap on the upper end of the spring, an anchoring member connected to the cap and projecting through a hole in the bottom of the container, a link of heat sensitive material engaging and holding the projecting portion of the anchoring member, and articles, such as whistles and other toys, located in the container above the spring.

In testimony that I claim the foregoing as my invention, I have signed my name this 3rd day of May 1927.

JOHN STANLEY MACHIN.