Dec. 10, 1935. H. DAHLBERG ET AL 2,024,028

DIVING DEVICE

Filed April 20, 1934

Fig. 1

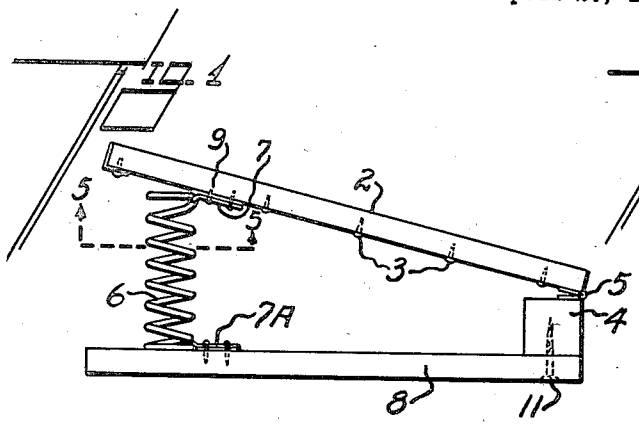


Fig. 2

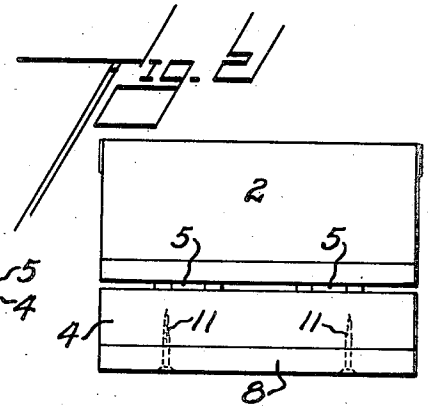


Fig. 3

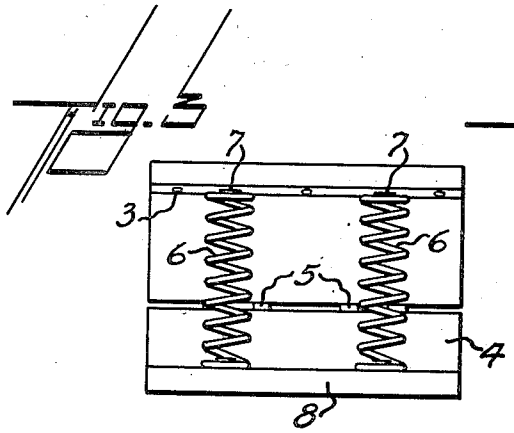


Fig. 4

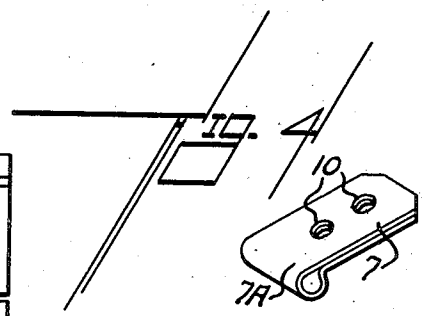
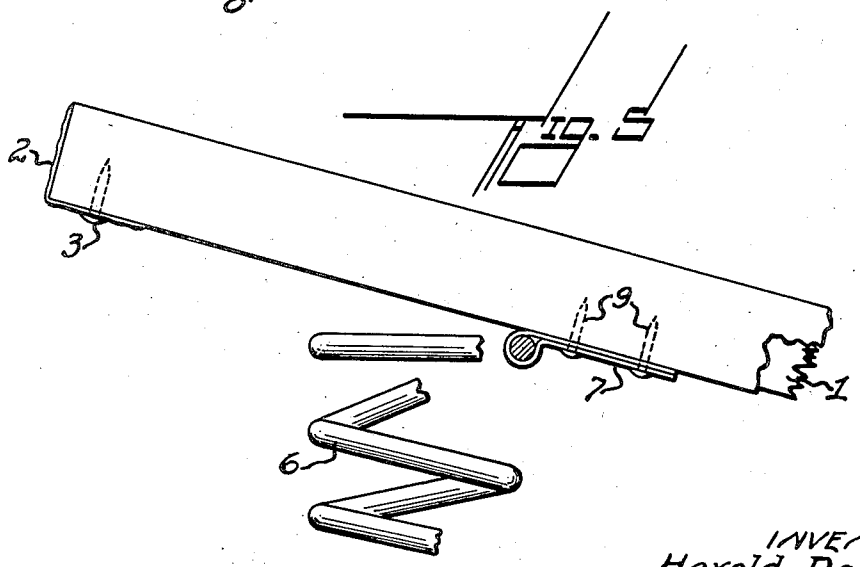


Fig. 5



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DIVING DEVICE

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Application April 20, 1934, Serial No. 721,463

1 Claim. (Cl. 272—66)

It is generally known that the old-fashioned springing or diving device consisted of a plank of a suitable length, one end of which is fastened or held firmly, while the opposite end thereof was suspended from a dock, pier or the earth, forming thereby a very amusing and suitable diving device. However this type was cumbersome and could not be resorted to unless a plank of this description was available at the water when desired. This type of board is also more or less dangerous in that the diver is liable to incur splinter wounds in the feet or otherwise in handling the board.

One of the objects of our invention is to overcome the difficulties above referred to.

Another object of our invention is that we have devised a neat and compact device that may be readily transported in an automobile or otherwise to and from the beach, and which does not require dismantling for use or for packing purposes.

A further advantage of our invention is that it is light in weight, inexpensive to manufacture and accordingly may be placed upon the market at a price well within the reach of everyone.

It will become apparent during the disclosure of the following detailed description that the invention possesses further advantages, which are further illustrated throughout the accompanying drawing, and more fully pointed out in the subjoined claim.

With reference to the drawing:

Figure 1 is a side elevation of the complete invention, and Figure 2 is a rear elevation of the same.

Figure 3 is a front elevation of the invention.

Figure 4 is a perspective view of one of the spring clips employed.

Figure 5 is a greatly enlarged partial view of the invention taken substantially upon the line 5—5 of Figure 1.

The invention comprises a top board indicated by the numeral 1, and having the top surface and all edges thereof completely covered with a suitable cloth 2 for this purpose. The said cloth secured to the said board by means of suitable tacks 3, as indicated. Cloth 2 serves to facilitate comfort for the bare feet in the use of the device.

One end of the board 1 is secured to elongated block 4 by the use of hinges 5, as shown. The opposite end of the said board is adapted to be suspended uniformly upon spring 6, one end of the said springs secured to the underneath surface of the board 1 by clips 7 respectively, and the opposite end of the said springs bearing upon the top surface of and secured to baseboard 8 by clips 7A respectively. Clips 7 and 7A are connected to the respective boards 1 and 8 by nails 9 through holes 10 in the said clips respectively.

Block 4 is rigidly secured to base board 8 by wood screws 11 where indicated.

It is now very clearly understood that board 1 will effectively oscillate when subjected to human weight upon the outer end thereof and which will fully and completely accomplish the purpose for which it is intended.

By virtue of the particular construction and design of our invention throughout, the same is thereby rendered indestructible, and with ordinary care the same should endure for an indefinite period of time, hence the advantage acquired from an economical viewpoint.

Having thus described our invention, what we claim as new is:

In a device of the class described, a wooden base board, a wooden block extending transversely across the top face of the rear end of the base board for the full width thereof and being fixedly secured thereto, a wooden top board of substantially the same size as the base board, the rear end of the top board being hingedly connected to the top of the wooden block at the rear edge thereof, a pair of vertically arranged compression coil springs interposed between the forward end portions of the base and top board, clips secured to the inner opposed faces of the respective boards, each clip being formed at its forward end with an offset loop for connection with the adjacent convolution of the respective springs, whereby lateral displacement of the coil springs will be prevented during the vertical swinging movement of the top board.

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