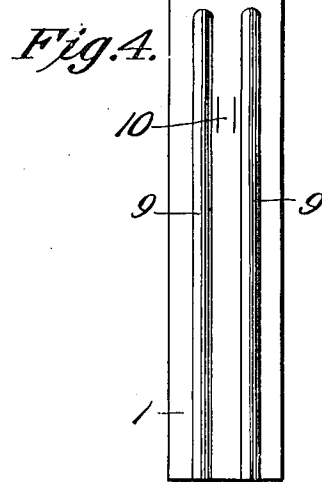
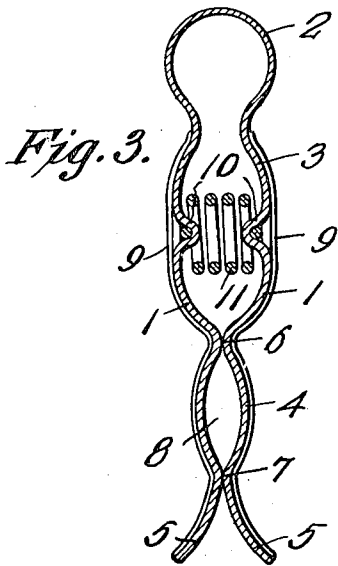
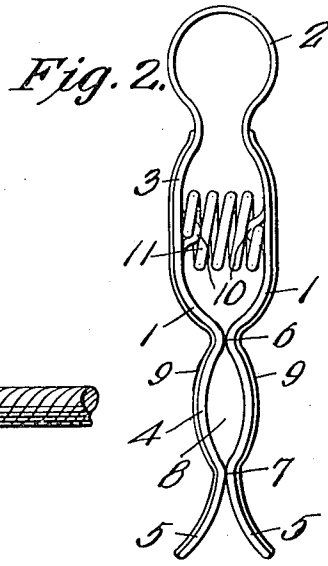
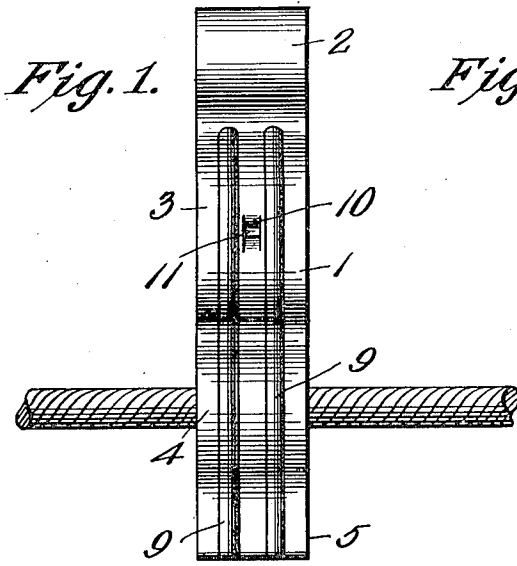


E. J. BAUMEL.
METAL CLOTHES PIN.
APPLICATION FILED APR. 18, 1916.

1,298,643.

Patented Apr. 1, 1919.



Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD J. BAUMEL, OF POMONA, CALIFORNIA.

METAL CLOTHES-PIN.

1,298,643.

Specification of Letters Patent.

Patented Apr. 1, 1919.

Application filed April 18, 1916. Serial No. 91,983.

To all whom it may concern:

Be it known that I, EDWARD J. BAUMEL, a citizen of the United States, residing at Pomona, in the county of Los Angeles, State of California, have invented certain new and useful Improvements in Metal Clothes-Pins; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a metal clothes pin.

An object of the invention resides in the provision of a clothes pin which may be readily attached to a line and will maintain the clothes firmly in place thereon.

A further object of the invention resides in so constructing the device that the greater the size of the line, the greater will be the gripping power of the pin.

A further object of the invention resides in the provision of a clothes pin which may be stamped from a blank of metal and which will be simple in construction and cheap to manufacture.

With these and other objects in view, such as will appear as my description progresses, my invention comprises the combination and arrangement of parts as set forth in and falling within the scope of the appended claim.

In the drawing:

Figure 1 is an elevational view of a device constructed in accordance with my invention, showing the same applied to a clothes line;

Fig. 2 is a similar view taken at right angles to Fig. 1;

Fig. 3 is a vertical sectional view, and

Fig. 4 is a view of the blank before it is bent into shape.

In the drawing I have illustrated a device constructed in accordance with my invention which includes a continuous strip of metal bent upon itself to form a pair of spaced legs 1 and a loop portion 2. These legs 1 are bent apart, at 3, 4 and 5, the portions of the legs between the portions 3 and 4 being normally in contact, as at 6, as are also the portions between the separated portions 4 and 5, at 7. The portions 5 form guides to assist the line in its entrance into the space 8 where it is tightly gripped.

Each of the legs is provided with reinforcing ribs 9 which are stamped from the material and each of the legs is further provided with an inwardly extending keeper 10 which is stamped from the material. A coil spring 11 is located between the portions 3 of the legs and the ends of this spring extend in the same direction and through the keepers 10 as clearly illustrated in the drawing.

It will thus be seen that the device consists of two elements only, namely a body portion and a spring and that the body portion is formed from a blank such as disclosed in Fig 4 of the drawing. It will be further seen that the spring 11 may very readily be put in place by the mere insertion of the ends of the spring through the keepers 10 and it will be further seen that the forcing of the legs 1 apart will tend to bind the spring 11 in place more forcibly. It will further be seen that the device being of such a simple construction may be readily and cheaply manufactured.

While I have illustrated and described a particular embodiment of my invention it has merely been for the sake of convenience and I do not wish to be limited to that particular embodiment as it is obvious that numerous changes may be made in the details of construction without departing from the spirit of the invention or exceeding the scope of the appended claim.

What I claim is:—

A clothes pin consisting of a spring metal plate bent upon itself to form spaced legs and a connecting bight portion, the legs adjacent to the bight being conformed to the curvature of the bight to closely approximate a circle and having such portions flat, the remaining portions of the legs having spaced longitudinal corrugations and ears struck inwardly at opposite points between the corrugations and a helical contractile spring engaged with the ears.

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

EDWARD J. BAUMEL.

Witnesses:

GEO. N. KNOX,
H. O. CHAPMAN.