Jan. 13, 1942. J. H. COMLEY 2,269,649

PAPER CLIP

Filed April 18, 1941

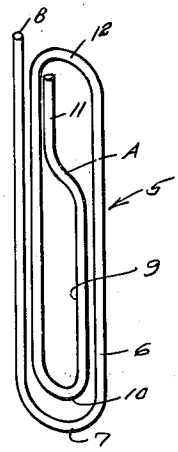


Fig. 1.

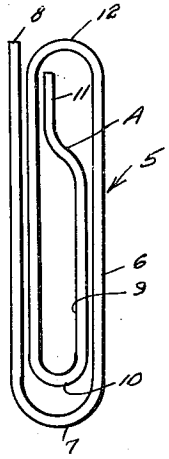


Fig. 2.

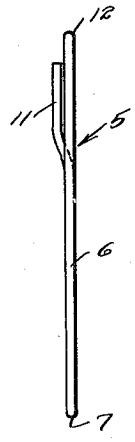


Fig. 3.

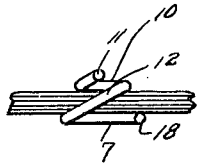


Fig. 4.

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Patented Jan. 13, 1942

2,269,649

UNITED STATES PATENT OFFICE

2,269,649

PAPER CLIP

James H. Comley, East Orange, N. J.

Application April 18, 1941, Serial No. 389,247

1 Claim. (Cl. 24—261)

This invention relates to improvements in single length wire type paper clips, and has for the primary object the provision of a construction of clip which will have a maximum amount of gripping action by the elongated loop-shaped jaws thereof with the ends of the wire material so arranged that the possibility of said ends digging in and tearing paper as the clip is applied and removed will be eliminated.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a perspective view illustrating a paper clip constructed in accordance with my invention.

Figure 2 is a side elevation illustrating the paper clip.

Figure 3 is an edge elevation illustrating the clip.

Figure 4 is an end view illustrating the application of a clip to papers.

Referring in detail to the drawing, the numeral 5 indicates a paper clip constructed from a single length of material preferably in the form of a wire having the desired resiliency thereto and which may be smooth or roughened. The clip 5 is composed of an outer elongated loop shaped jaw 6 having the rounded paper engaging end 7 terminating in a free end portion 8 and an inner elongated loop shaped jaw portion 9 having a rounded paper engaging end 10 spaced a limited distance from the rounded end 7 to coact therewith in passing smoothly over several superimposed papers without danger of mutilating or damaging the papers, permitting said papers to come between the jaw portions with the latter bearing thereon with a maximum amount of gripping action.

The inner elongated loop shaped jaw 9 has a free end portion 11 laterally offset and lying in close proximity to the curved portion 12 which joins the inner and outer loop shaped jaw portions. The end portion 11 has a compound curvature thereto, as shown at A, so that the free end will lie in close proximity to one of the side portions of the inner jaw portion.

The free end 8 of the outer jaw portion terminates beyond the free end portion of the inner jaw and beyond the curved connecting portion 12 utilized in joining the inner and outer jaw portions.

This construction of clip will permit the jaw portions to be placed over stacked papers with ease and with a maximum amount of gripping action thereon and with the ends of the jaw portions so arranged that there will be no possibility of said ends digging into the papers and damaging the latter. As the pressure on the inner and outer jaw portions is increased by the increased number of sheets of paper engaged by the clip, the free ends of the clip will be urged further away from the sheets of paper.

While I have shown and described the preferred embodiment of my invention, it is to be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having thus described the invention, what I claim is:

A paper clip comprising a single length of resilient wire bent upon itself and embodying a pair of inner and outer loops disposed in a common plane, the sides of the loops being parallel and the sides of each loop being spaced from those of the other, said loops having corresponding rounded ends one spaced outwardly of the other and the inner loop having a straight terminal end portion laterally offset out of said common plane.

JAMES H. COMLEY.