

(No Model.)

F. W. SMITH.

NAPKIN RING.

No. 275,723.

Patented Apr. 10, 1883.

Fig. 1.

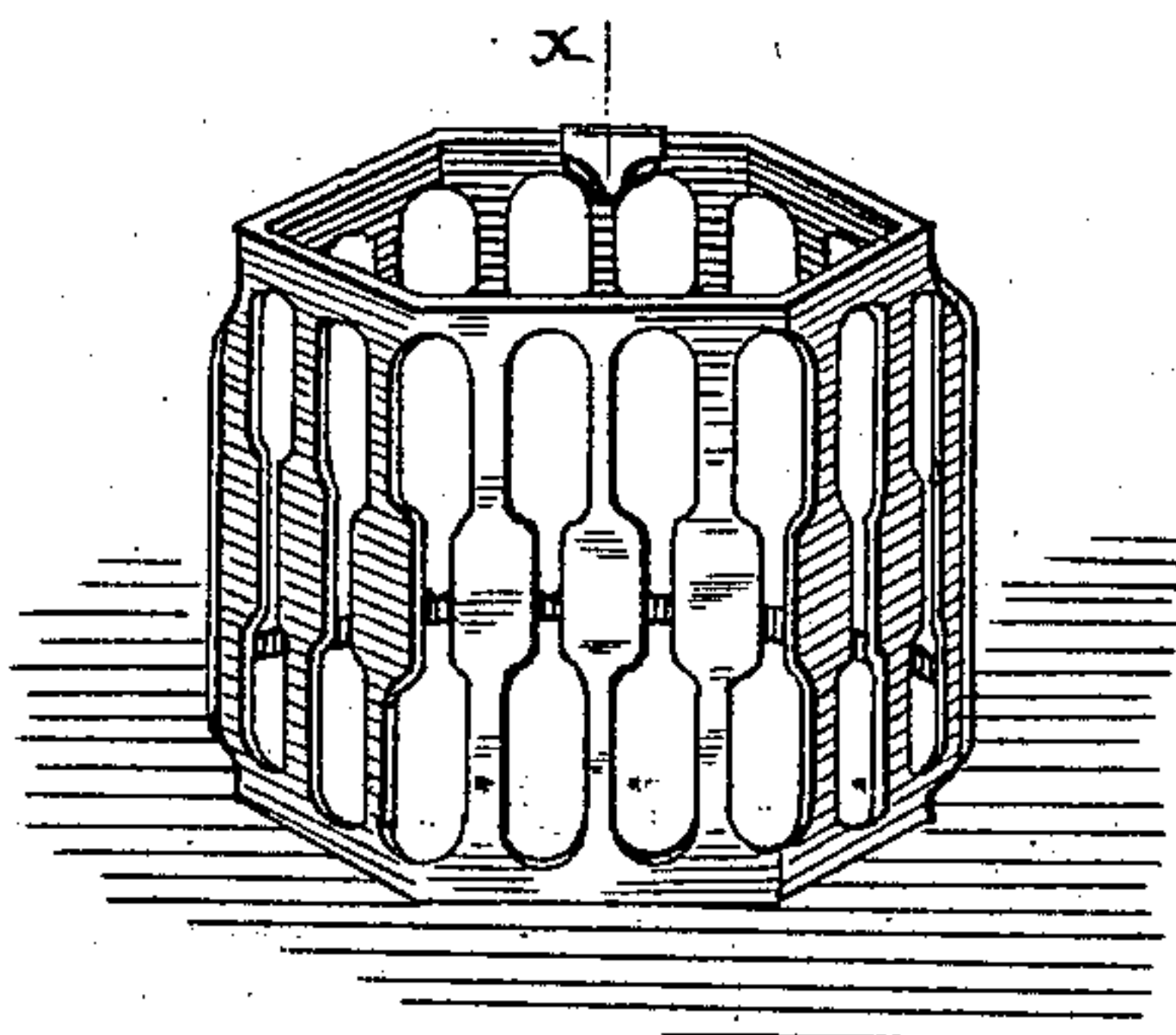


Fig. 2.

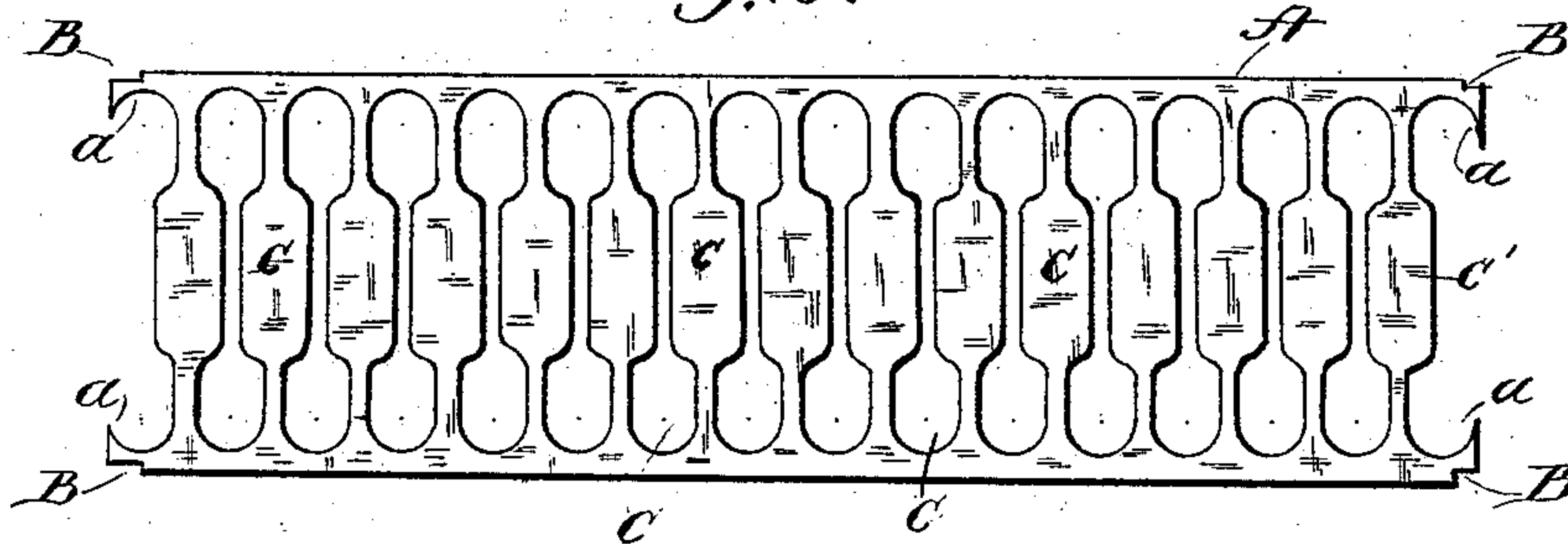


Fig. 3.

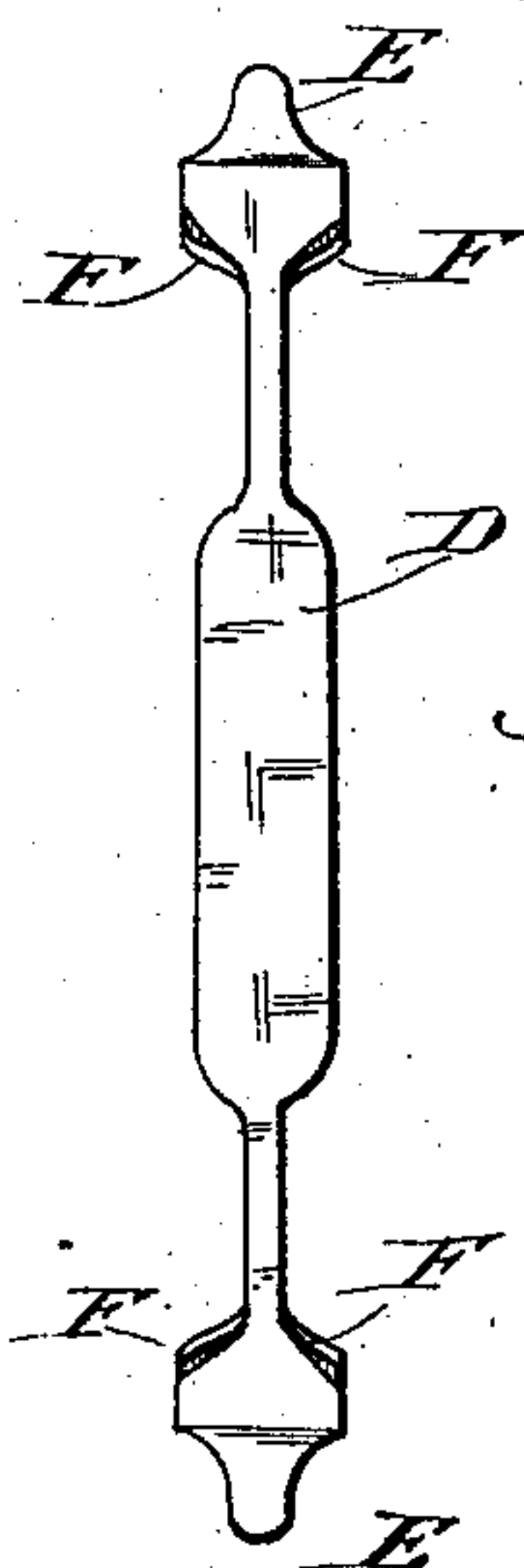
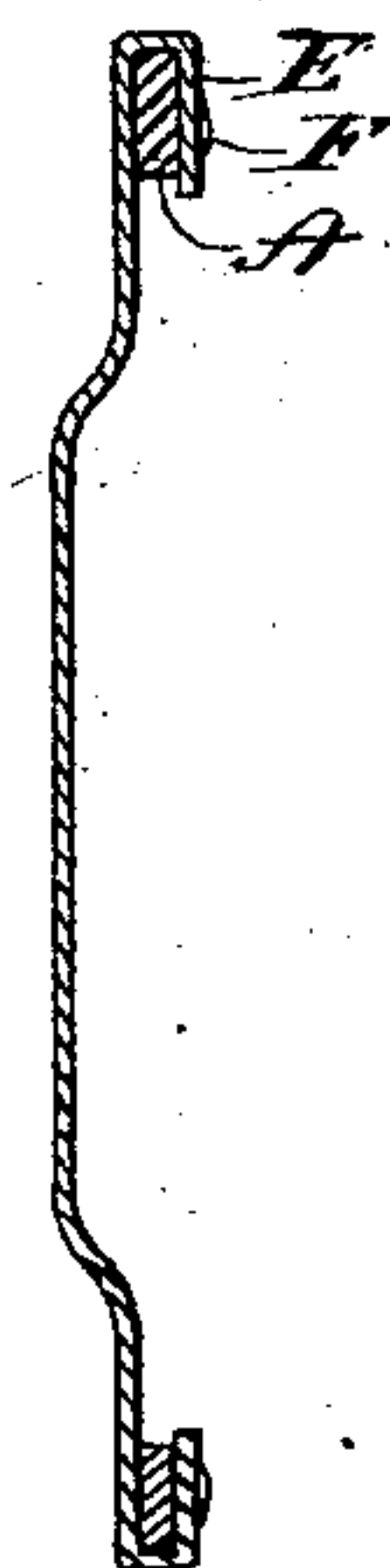


Fig. 4.



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UNITED STATES PATENT OFFICE.

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NAPKIN-RING.

SPECIFICATION forming part of Letters Patent No. 275,723, dated April 10, 1883.

Application filed March 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, FRIEND W. SMITH, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Napkin-Rings; 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.

My invention relates to napkin-rings, and has for its object the utilization and adaptation of scrap metal for the manufacture of devices of this description, and also to produce an economical and durable ring; and with these ends in view my invention consists in certain details of construction and combination of elements, hereinafter fully and in detail explained, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may more fully understand the construction and adaptation of my improvement, I will proceed to describe the same in detail, referring by letters to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view in elevation of my improvement. Fig. 2 shows the sheet-metal scrap before it is bent up into the shape as shown in Fig. 1. Fig. 3 is a view of the clamp or fastening device by means of which the two ends of the scrap are united and secured, and Fig. 4 is a section of the clamp at the line *x* in Fig. 1.

Similar letters denote like parts in the several figures of the drawings.

In the manufacture of all light metallic goods blanked out of sheet metal there is always more or less scrap or waste which has no market value save that of scrap metal.

A represents any ordinary sheet-metal scrap cut off at the desired length, and having recesses B at each end.

C C are open spaces made by blanking out.

C' C' are ribs or slats between the open spaces.

D is the clamp, which is punched out of sheet metal, and has lips E at the extremities, and ears F, all for the purpose presently explained.

In the construction of my improvement I run the scrap A over a roller to give the desired shape, and bring the ends together so that the recesses B meet. These ends are then secured by placing the clamp D in such position relative to the same that the ears F abut against the inner edges, *a*. The lips E are then turned over and within the recesses B and clamped down. The ends are thereby secured as against any displacement, while at the same time the body of the clamp forms one of the ribs or slats of the ring, thereby rendering the latter uniform and neat in its appearance. The recesses B are of a depth equal to about the thickness of the sheet metal, so that it will readily be understood that the ends of the clamp, when the lips are turned over, as described, will be flush with the lateral perimeter of the ring.

I have illustrated in my drawings my improved device as constructed from scrap metal of a special design; but I do not wish to confine myself to this particular construction, as scrap metal or other metal of various other designs or patterns may be used, and any ordinary clamp substituted for the one shown; or the ends may be soldered or otherwise secured without departing from the spirit of my invention, the gist of which rests in the broad idea of utilizing scrap metal in the manufacture of napkin-rings and similar articles. The particular shape shown is not of the essence of my invention, as the rings may be made round or of any other desired form without departing from the spirit of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A napkin-ring constructed from sheet-metal scrap formed into the desired shape, and secured at the ends by a clamp or otherwise, substantially as set forth and described.

2. A napkin-ring formed from a strip of metal having open spaces uniform in shape

and size, separated by bars or slats of metal, also uniform in shape and size, substantially as described.

5 3. A napkin-ring formed from a strip of metal, and having open spaces, and ribs or slats, as described, in combination with a clamp whose central portion corresponds with the ribs or slats, and whose ends are adapted

to be bent over the ends of the strip to secure them firmly together.

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

FRIEND W. SMITH.

Witnesses:

A. M. WOOSTER,
W. T. HAVILAND.