

*J. Zengeler,
Mosquito Net,*

N^o 4,957.

Patented Mar. 15, 1864.

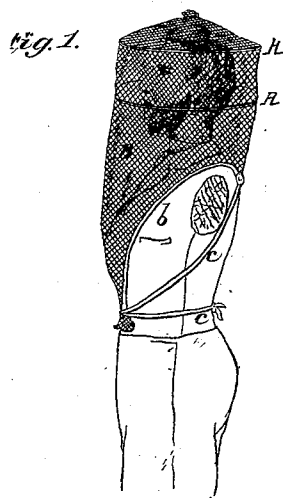
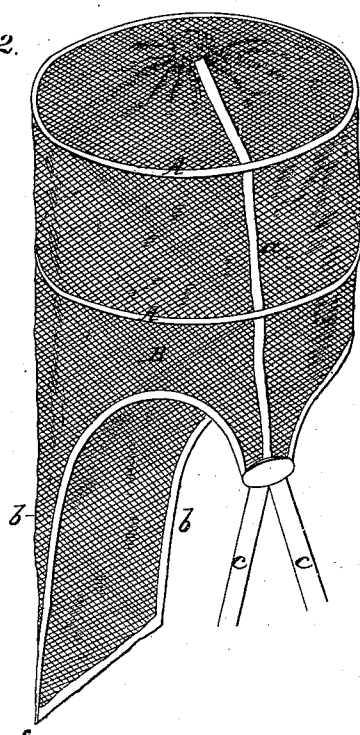


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN ZENGELER, OF CHICAGO, ILLINOIS.

IMPROVED MOSQUITO-NET.

Specification forming part of Letters Patent No. 41,957, dated March 15, 1864.

To all whom it may concern:

Be it known that I, JOHN ZENGELER, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Mosquito-Net, the same being designed as a protector for the head against mosquitoes and other insects; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention applied to a person; Fig. 2, an enlarged and detached perspective view of the same.

Similar letters of reference indicate corresponding parts in the two figures.

This invention consists in securing the fabric known as "mosquito-netting" to elastic hoops of wire, cane, or other material, and of such diameter as to admit of the device being placed over the head of the wearer, the netting being cut of such form as to admit of being snugly fitted to the shoulders and confined closely to the waist in front, as herein-after set forth.

The invention is designed for travelers generally, and will also prove valuable for invalids in being transported from place to place—sick and wounded soldiers, for instance—and it may be worn at night, or during the day while sleeping, without any inconvenience whatever, and will fully protect the wearer from mosquitoes or other annoying insects.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A A represent two hoops, which may be constructed of wire, cane, or other elastic material. These hoops are of such diameter

that they may be readily placed over the head of the wearer of the device, and they should be quite light. To these hoops a mosquito-netting, B, is secured, and sewed together, as shown at *a*, so as to form a cylinder, the netting extending over and covering the space within the top hoop. The lower end of the netting is scalloped out at each side, as shown at *b*, to admit of it being firmly fitted on the shoulders when the device is applied to the wearer, as shown in Fig. 1, the front part of the netting extending down to the waist and firmly secured in position by tapes *c*, are tied around the waist.

The top of the netting rests on the top of the head of the wearer, and the hoops A A must be at such a distance apart and the netting B of such a length as to admit of its lower end being adjusted to the wearer, as described.

This device may be constructed at a very trifling cost, and when not in use may be folded within a very small compass and carried in a trunk or traveling-bag without any inconvenience. The hoops A keep the netting at such a distance from the wearer that mosquitoes and other insects cannot come in contact with him.

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

A mosquito net for the head and neck, constructed of netting B, attached to elastic hoops A A, and secured to the wearer, substantially as herein set forth.

JOHN ZENGELER.

Witnesses:

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