

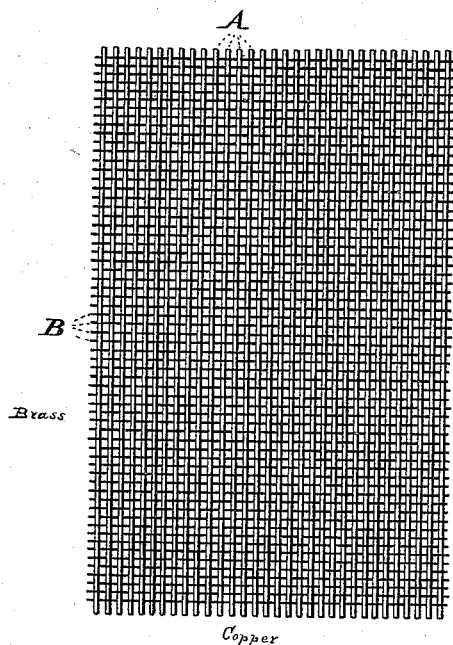
(No Model.)

H. ATKINS.

WIRE CLOTH.

No. 383,791.

Patented May 29, 1888.



WITNESSES

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# UNITED STATES PATENT OFFICE.

HENRY ATKINS, OF NEWARK, OHIO.

## WIRE-CLOTH.

SPECIFICATION forming part of Letters Patent No. 333,791, dated May 29, 1888.

Application filed March 20, 1888. Serial No. 267,881. (No specimens.)

*To all whom it may concern:*

Be it known that I, HENRY ATKINS, a citizen of the United States, and a resident of Newark, in the county of Licking and State of Ohio, have invented certain new and useful Improvements in Wire-Cloth; and I do 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, reference being had to the accompanying drawing, and to letters or figures of reference marked thereon, which form a part of this specification.

The drawing is a representation of this invention.

The invention relates to improvements in wire-cloth; and it consists in the combination of brass wire and copper wire, the brass wire forming the weft and the copper wire forming the warp, or the order may be transposed without departing from my invention. The combination thus formed provides a cloth cheaper than cloth made wholly of copper, and compared with cloth made wholly of brass the copper interwoven with the brass renders the cloth more pliable and durable, and also presents less material (brass) to corroding influences.

Referring to the drawing, A designates the copper-wire warp, and B shows the weft of brass wire.

The material is so woven that the interspaces *a* are provided, through which air is admitted when the cloth is used for car-ventilators, mining purposes, &c.

As shown in the drawing, I prefer to use a copper wire of larger gage than the brass wire to counteract or lessen the spring of the latter.

Having described my invention, what I claim is—

1. A wire-cloth consisting of interwoven copper wire and brass wire, substantially as specified.

2. A wire-cloth consisting of the warp of copper wire and the weft of brass wire, substantially as specified.

3. A wire-cloth consisting of interwoven copper and brass wires, the copper wire being of larger gage than the brass wire, substantially as specified.

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

HENRY ATKINS.

Witnesses:

CHAS. H. FOLLETT,  
ROBERT H. DOWLING.