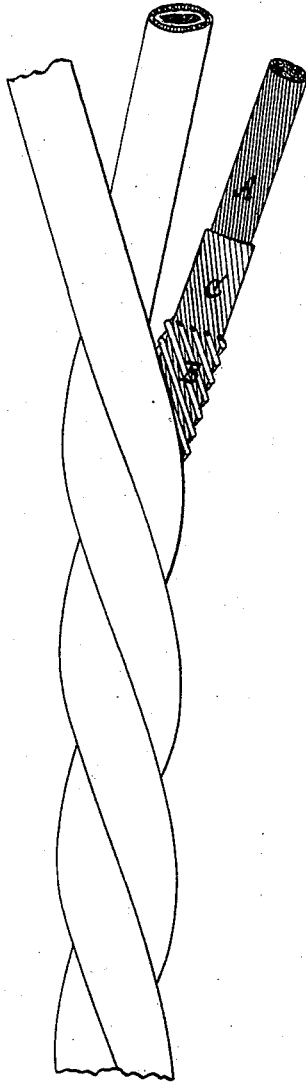


C. FEICKERT.
Cord.

No. 202,011.

Patented April 2, 1878.



Witnesses.
Otto Schjeland.
Hugo Braggemann

Inventor.
Charles Feickert.
by

Van Santvoord & Tauff
his attorneys

UNITED STATES PATENT OFFICE.

CHARLES FEICKERT, OF NEW YORK, N. Y.

IMPROVEMENT IN CORDS.

Specification forming part of Letters Patent No. **202,011**, dated April 2, 1878; application filed December 28, 1877.

To all whom it may concern:

Be it known that I, CHARLES FEICKERT, of the city, county, and State of New York, have invented a new and useful Improvement in Cords, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, which represents a side elevation of my cord on an enlarged scale, and shows the construction of the strands composing it.

This invention relates especially to cords for the hanging of pictures, which are composed of independent strands, each strand being reinforced and given an ornamental appearance by the addition of metallic wires to a core formed of fibrous material.

Picture-cords have heretofore been strengthened and ornamented by an outer covering of wire surrounding the entire cord, or inclosing all the strands of which the cord has been composed, or laid between the strands; but in such construction it has been found impracticable to so regulate the relative elasticity of the cores or strands and the coiled-wire covering as to prevent the coils from becoming disarranged by lengthwise strain upon the cord, and thus destroying the uniformity of appearance and impairing the strength of the whole. This objection to wire-covered cords it is the object of my invention to overcome; and to this end it consists in a twisted cord composed of two or more twisted strands of fibrous material, each of which is covered or surrounded by a series of parallel coiled wires, which are separated to expose to view the intermediate portion of said strands, whereby said cord is given an ornamental appearance, and both the fibrous cores and wire covering are rendered elastic, the cord as a whole having an elasticity distinct from that of its several members, so that it will yield without causing undue separation of the coils of the wires which surround the separate strands.

Each strand of my cord consists of a core, A, made of threads of cotton or other suitable fibrous material, and of a covering, B, of several strands of metal wire, which are wound in open spirals around said core.

If the core is made of cotton threads or other inferior material the color of which is not very brilliant, I cover the same by an intermediate layer, C, of threads of wool or other more costly material adapted to impart to the core a brilliant color or luster. The color of the core shows through between the metal wires and imparts to the cord a neat and handsome appearance, and at the same time said metal wires serve to strengthen and protect the core, which latter gives flexibility to the cord.

When two or more of my strands are twisted together, as shown in the drawing, a cord of great strength and flexibility and of a beautiful variegated appearance is produced.

By twisting the strands together the principal portion of any strain to which the cord is exposed is thrown on the metal wires which compose the coverings of the several strands.

What I claim as new, and desire to secure by Letters Patent, is—

A twisted cord composed of two or more twisted strands of fibrous material, each of which is covered by a series of parallel coiled wires, which are separated to expose to view intermediate portions of the surface of said strands, substantially as described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 24th day of December, 1877.

CHAS. FEICKERT. [L. s.]

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.