

F. E. GILBERT.
Bracelets, &c.

No. 151,583.

Patented June 2, 1874.

Fig:1.

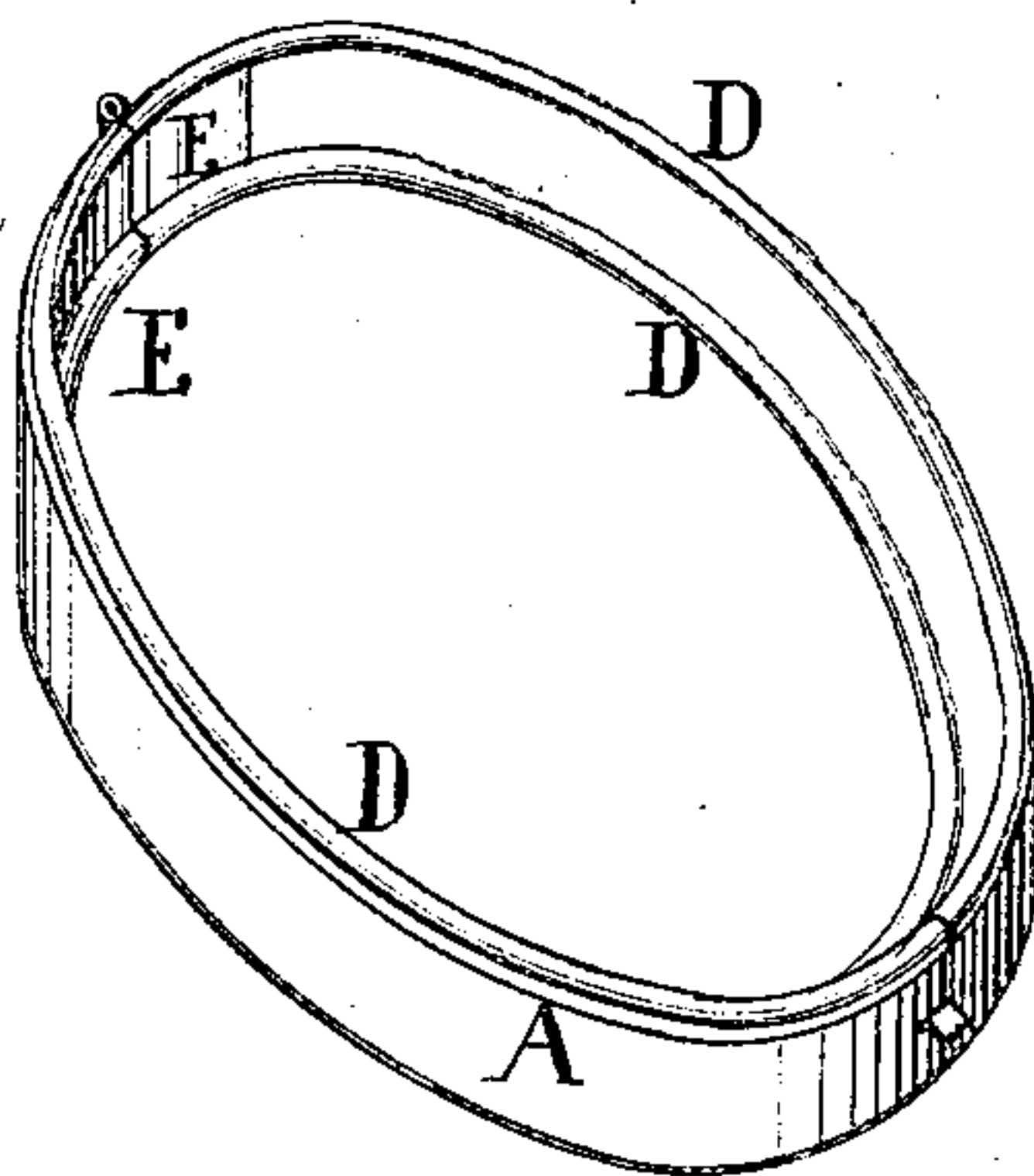
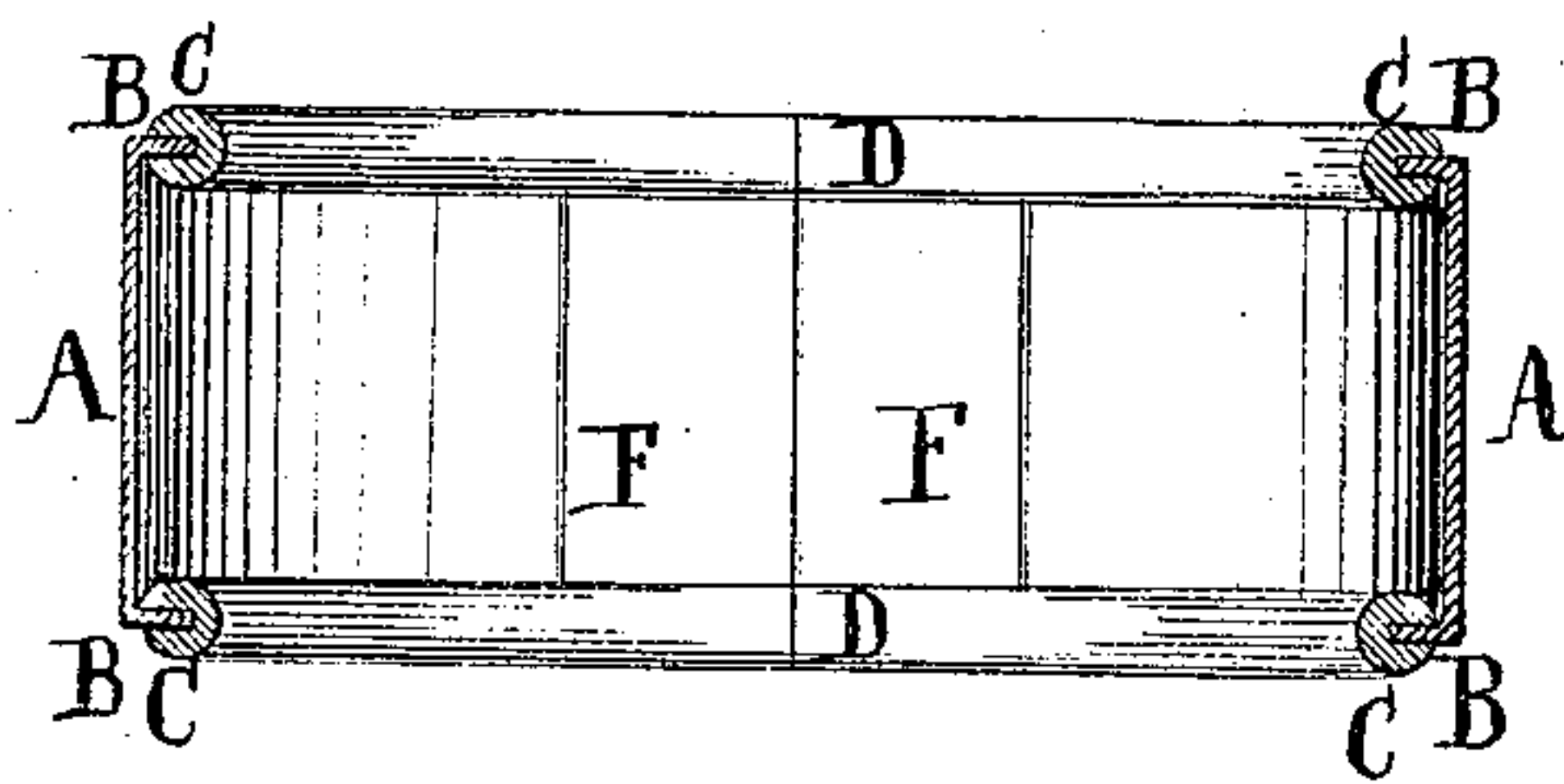


Fig:2.



Witnesses:

Ernst Bilhuler
Henry Gentner

Inventor:

Frank E. Gilbert
by Van Santen & Hauff
his attys

UNITED STATES PATENT OFFICE.

FRANK E. GILBERT, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO HIMSELF,
ABRAHAM DECKER, AND JOHN BARCLAY, OF SAME PLACE.

IMPROVEMENT IN BRACELETS, &c.

Specification forming part of Letters Patent No. **151,583**, dated June 2, 1874; application filed
April 20, 1874.

To all whom it may concern:

Be it known that I, FRANK E. GILBERT, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Bracelets and other Articles of Jewelry; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 is a perspective view of a bracelet containing my invention. Fig. 2 is a cross-section.

Similar letters indicate corresponding parts.

This invention relates to constructing bracelets and other articles of jewelry; and consists in combining a grooved wire with the edges of the band or plate whereof the article is made in such a manner as to dispense with a lining, so called, and to conceal the edges of the band or plate in the wire, which forms a border, and gives a finish to the edges where it is applied. The wire can be of solid gold, or of plated material, or other suitable material, and the groove can be produced therein by cutting or burring the same out, or a metal plate of the proper character can be drawn in such a manner as to bring it to the shape of a grooved wire. Furthermore, the wire can be round, oval, square, or angular in cross-section, as may be preferred by the maker. The edges of the band or plate are bent to any angle or position required, and are inserted into the groove of the wire and secured therein by solder or any other suitable means for fastening two pieces of metal or other material used together.

The example of my invention here shown consists of a bracelet, whose halves are connected by a hinge and clasp. The letter A designates the band, whose edges B B, as here shown, are bent over at a right angle, or nearly so, with the outside of the band, and are inserted in a groove, C, formed in the

wire D. The wire D envelops and conceals the edges of the band, and, consequently, when bands or plates composed of plated stock are used in constructing bracelets or other articles of jewelry, the base metal is not exposed to view. It is obvious that when the wire D consists of plated stock the base metal within will not become exposed by reason of a groove being made therein when the wire is mounted on the edge of the band or plate of the bracelet, or other article of jewelry, as above described. The hinge-plates E and catch-plates F are secured to the inner side of the bracelet in the usual manner.

My invention enables me to dispense with what is called the lining in constructing bracelets, brooches, or other articles of jewelry, and to produce such articles at a reduced expense. My invention is especially applicable to bracelets and jewelry where bands and outside plates are made from plated stock, the base metal being hid within the wire, and a handsome finish being produced along its edges by means of the wire into which the edges of the band are inserted.

If the band or plate is so thin as to show through, on the inside, the marks of the chasing-tool by which the exterior of the band or plate is ornamented, its inside surface may be covered by embossed paper or other suitable or thin ornamental material, which will hide such marks. But if the stock is of a good thickness, and the workman is careful, the operation of chasing may not show on the inside of the band.

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

The combination, with the edges B of the band or outside plate of a bracelet or other article of jewelry, of a grooved wire, D, substantially as described.

FRANK E. GILBERT.

Witnesses:

J. VAN SANTVOORD,
W. HAUFF.