

No. 778,681.

PATENTED DEC. 27, 1904.

H. KRANTZ & E. W. MÜLLER.

ELECTRICAL CONNECTOR.

APPLICATION FILED MAR. 15, 1904.

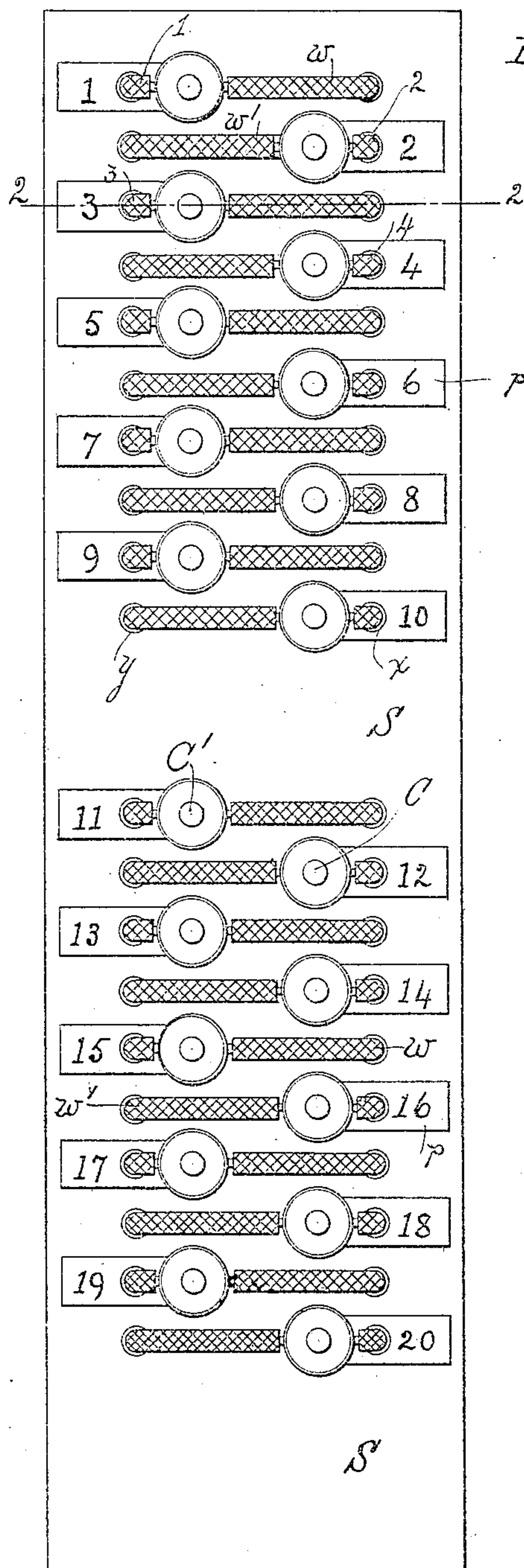


Fig. 1.

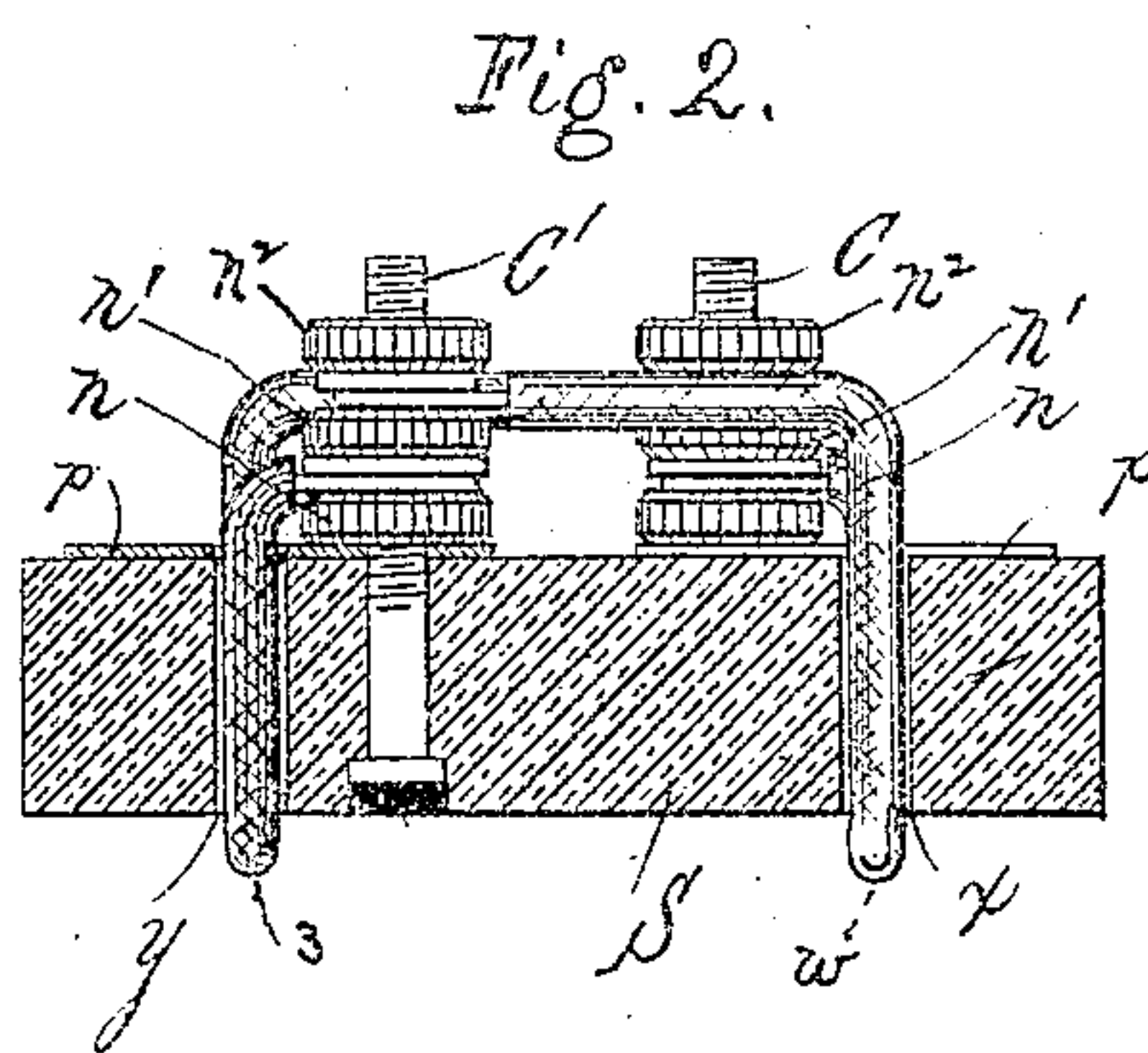


Fig. 2.

WITNESSES

P. W. Wright,
Müller Abbe

INVENTORS

Hubert Krantz
Ernest W. Müller

BY

Howson and Howson
ATTORNEYS

UNITED STATES PATENT OFFICE.

HUBERT KRANTZ AND ERNEST W. MÜLLER, OF BROOKLYN, NEW YORK,
ASSIGNORS TO H. KRANTZ MANUFACTURING COMPANY, OF BROOKLYN,
NEW YORK, A CORPORATION OF NEW YORK.

ELECTRICAL CONNECTOR.

SPECIFICATION forming part of Letters Patent No. 778,681, dated December 27, 1904.

Application filed March 15, 1904. Serial No. 198,317.

To all whom it may concern:

Be it known that we, HUBERT KRANTZ and ERNEST W. MÜLLER, citizens of the United States of America, residing in the borough of Brooklyn, in the county of Kings, State of New York, have invented Improvements in Electrical Connectors, of which the following is a specification.

Our invention relates to interconnection-strips for connecting up a series of electrical conductors; and the object of the invention is to so improve the construction of such devices that they will be more convenient in use, neater in appearance, and less liable to give trouble than similar devices as now constructed.

In the accompanying drawings, Figure 1 is a face view of a strip constructed according to our invention. Fig. 2 is a sectional view on the line 2 2, Fig. 1.

The strip S of insulating material is drilled with two rows of openings x y , and between the right-hand and left-hand rows of openings binding-posts C C' are secured to the strip, these binding-posts being staggered relatively to each other—*i. e.*, the post C between one pair of openings (opposite each other in the two rows) being to the left, the next post, C', to the right, and so on.

Each binding-post C C' is provided with a number-plate p , which, in addition to its designated number, is provided with two holes

the proper distance apart to allow one to be slipped over the post and the other to occupy a position over the corresponding hole in the insulating-strip. 35

Pairs of incoming wires 1 2, 3 4, &c., enter through their correspondingly - numbered plates p p and are secured to the corresponding binding-posts C C' between nuts n n' . 40 Wires w w' to the point for distribution pass through the openings on the opposite side of the strip unprovided with the number-plate, and they are fastened to the binding-posts between the nuts n' and n^2 . 45

We claim as our invention—

An interconnection-strip for electrical conductors, comprising an insulated strip, a line of binding-posts thereon, a number-plate connected to each binding-post, the plate and strip having openings through them, a wire passing from the back of the strip through said strip and plate and connected to the binding-post, and an outgoing wire also connected to the binding-post, substantially as described. 55

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

HUBERT KRANTZ.
ERNEST W. MÜLLER.

Witnesses:

WALTER ABBE,
HUBERT HOWSON.