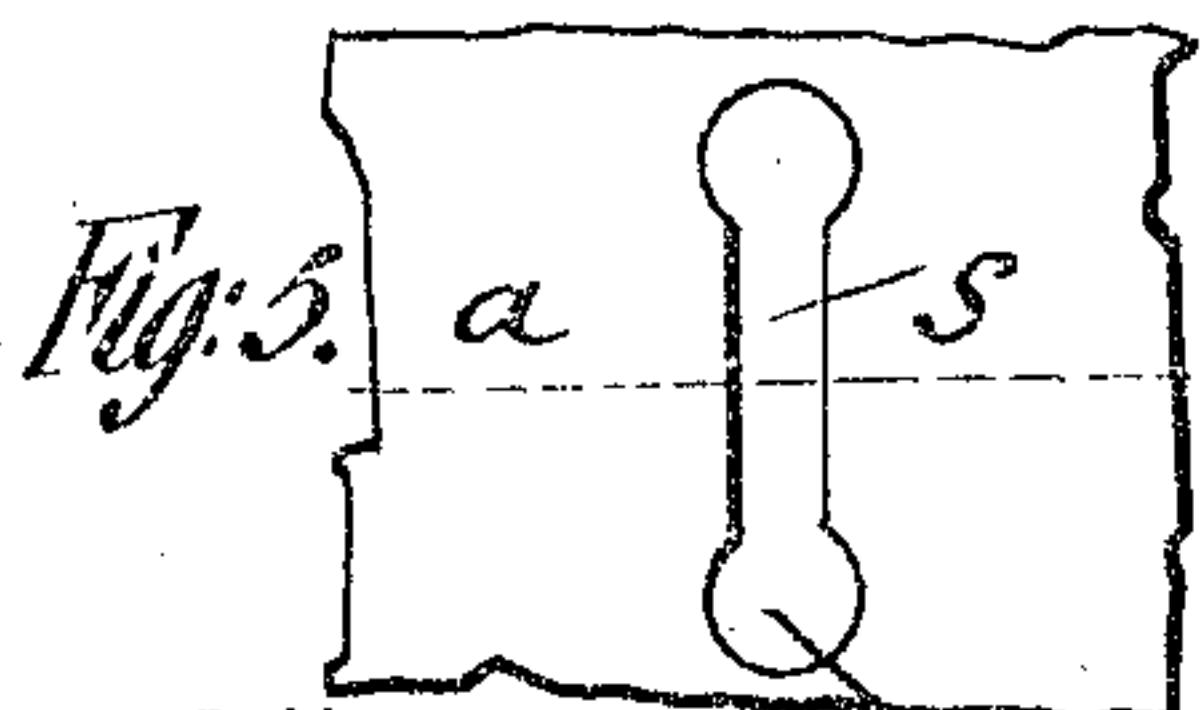
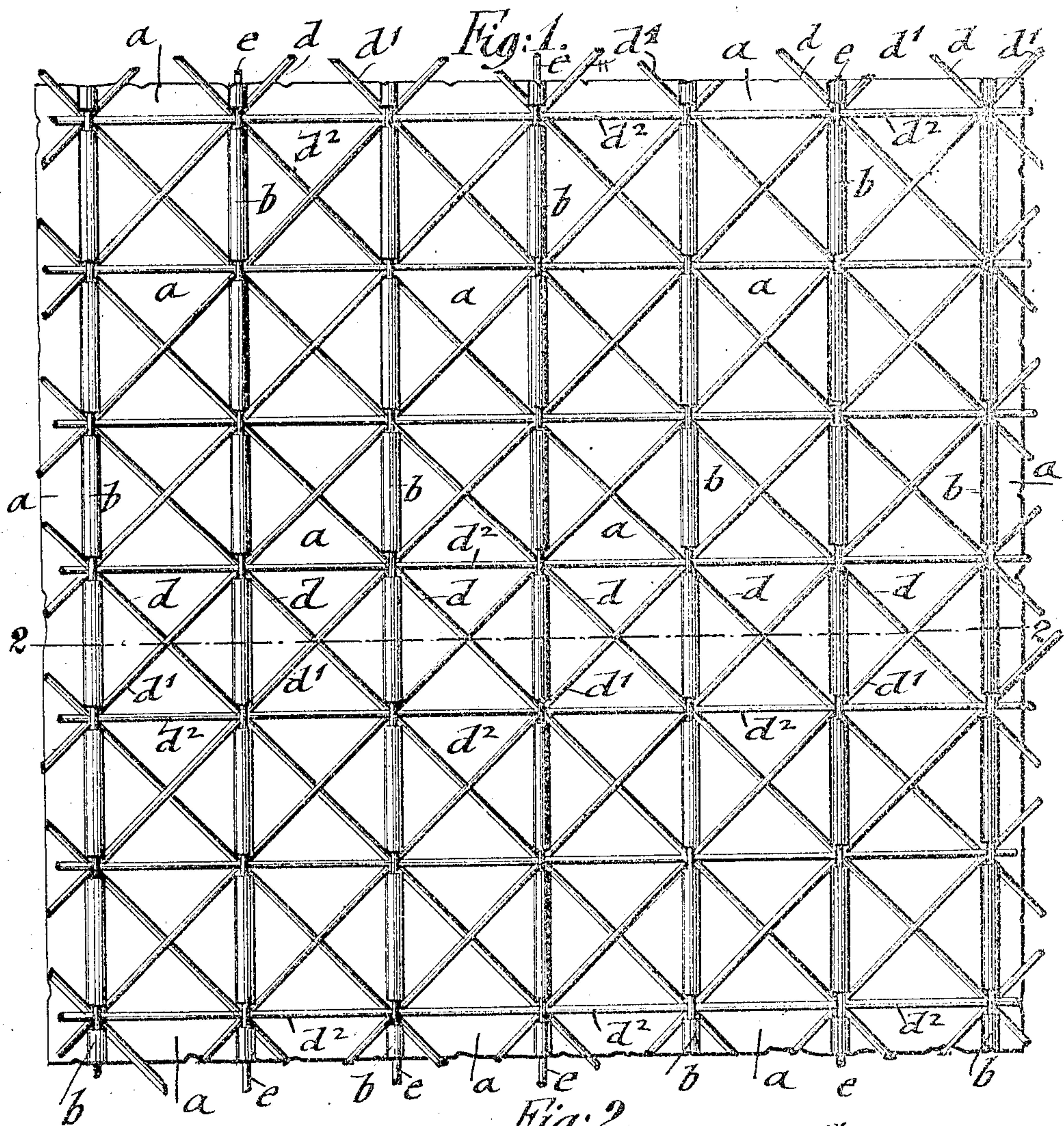


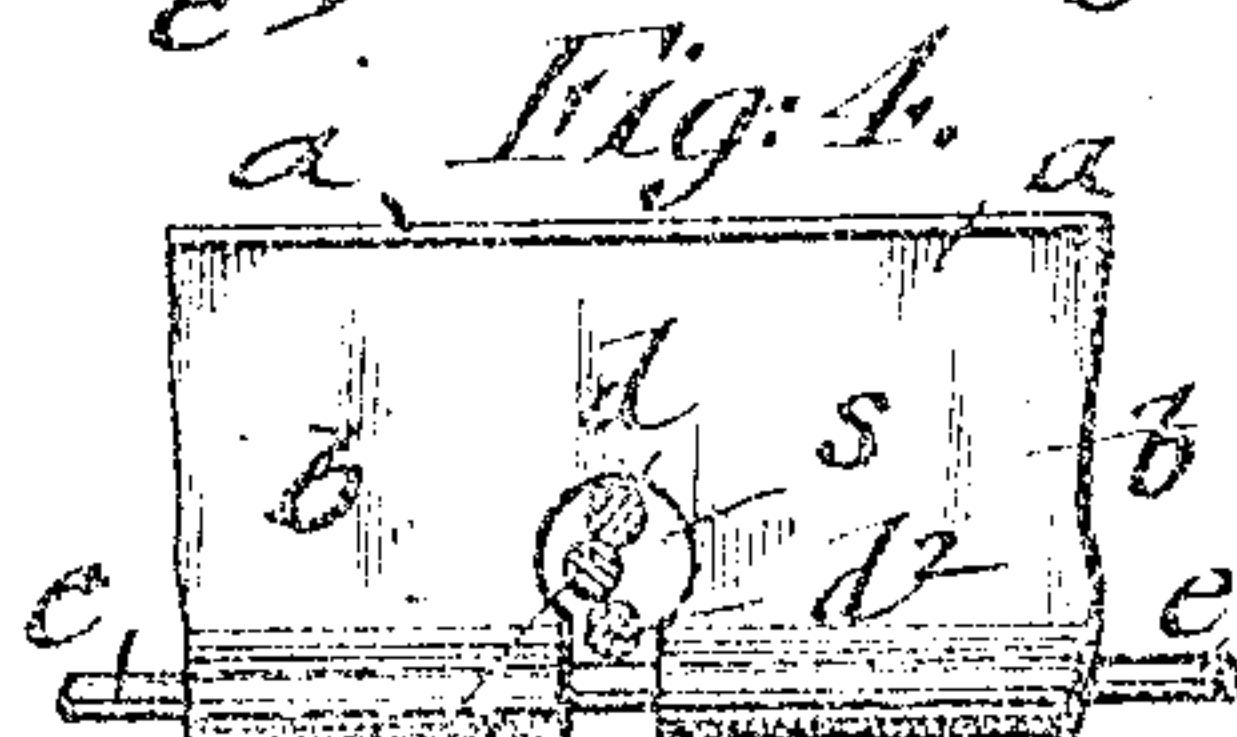
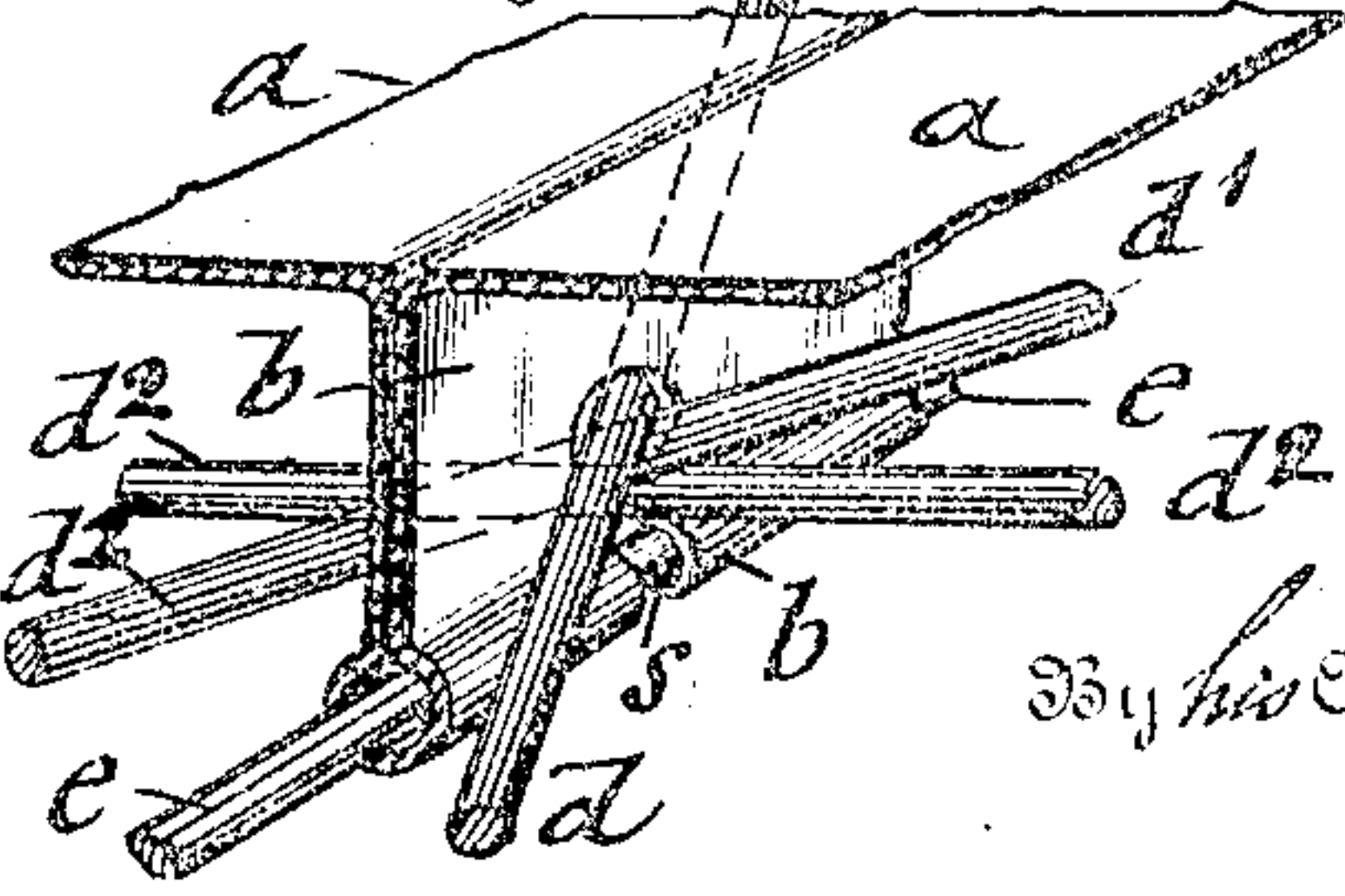
L. BARG.  
 FIREPROOF COVERING FOR OFFICE AND STORE FURNITURE, FIXTURES, &c.  
 APPLICATION FILED MAY 1, 1908.

913,091.

Patented Feb. 23. 1909.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

LEON BARG, OF NEW YORK, N. Y.

FIREPROOF COVERING FOR OFFICE AND STORE FURNITURE, FIXTURES, &c.

No. 913,091.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Application filed May 1, 1908. Serial No. 430,424.

To *all* whom it may concern:

Be it known that I, LEON BARG, a citizen of the United States of America, residing at New York, in the borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Fireproof Coverings for Office and Store Furniture, Fixtures, &c., of which the following is a specification.

This invention relates to a fireproof covering for office and store furniture, fixtures, etc., by which they are covered with a layer of reinforced concrete so as to be available for use in fireproof as well as non-fireproof buildings for the protection of the contents stored in the same.

By the invention a frame is provided which can be applied to office and store furniture in order to effectively hold a layer of concrete which is subsequently applied to the frame. The concrete layer is then painted or finished in any suitable manner. The reinforcing frame may be also applied to completed ceilings, partitions, staircases and the like in order to hold a layer of concrete and thus make the structures fireproof, or may be used in the construction of such structures.

With these ends in view the invention consists in the novel features and combination of parts to be hereinafter described and claimed.

In the accompanying drawings, Figure 1 represents a plan-view of my improved fireproof covering for office and store furniture, fixtures, etc., Fig. 2 is a vertical transverse section of the same on line 2, 2, Fig. 1, Fig. 3 is a detail perspective view of the ribs and the wire-netting supported on the same, drawn on larger scale, and Figs. 4 and 5, are details of a folded rib and the recess in the same.

Similar letters of reference indicate corresponding parts.

In the drawings *a* represents the supporting plate of my improved fireproof covering for furniture, fixtures, etc. The supporting plate *a* is provided with parallel ribs *b* which are bent up from the body of the sheet-metal plate *a*, said ribs being recessed from the upper edges downward by punching corresponding slots *s* in the plate at the proper points before folding up the ribs *b* as shown in Fig. 5. Transverse and diagonal

strands of wire *d*, *d*<sup>1</sup> and *d*<sup>2</sup> are then placed into the recesses so as to cross each other as shown in Fig. 3, which is readily accomplished by first inserting one set of diagonal strands *d*, then the second set of crossing diagonal strands *d*<sup>1</sup>, and finally the transverse strands *d*<sup>2</sup>. The three intersecting strands form together a wire-netting, which can again be tied together at the intersection of the diagonal strands *d*, *d*<sup>1</sup>, and which is retained in position so as to prevent their becoming detached from the ribs *b* of the supporting plate *a* by means of thin wires *e* which are passed longitudinally through the upper ends of the ribs and which form thereby retaining means for the intersecting diagonal and transverse strands. The supporting plate is then attached to the furniture, fixture, partition-wall, or other place of use, by nails or other fastening means, and then covered with a filling of concrete, which is smoothed and painted in the color of the furniture. The concrete is firmly held in position on the plate by the ribs and wire-netting and forms a fireproof covering for the purposes mentioned.

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

1. A fireproof covering for office and store furniture, fixtures and other purposes, which comprises a supporting plate provided with parallel ribs bent up from said plate, said ribs being provided with recesses from the edges downward, wire-netting the strands of which are secured in said recesses, and longitudinal retaining wires inserted into the upper ends of the ribs above the strands of the wire-netting.

2. A reinforcing frame for the fireproof covering of furniture, fixtures and the like, comprising a supporting plate having parallel ribs bent up from the same, said ribs being provided with recesses extending from the edges downward, netting formed of intersecting strands of wire seated in said recesses, and retaining wires inserted over the wire-netting into the upper ends of the bent-up ribs.

3. A reinforcing frame for the fireproof covering of office and store furniture, fixtures and the like, comprising a supporting plate having parallel ribs bent up integrally therewith, said ribs having recesses extend-



ing downwardly from the upper edges, a wire-netting formed of diagonal and transverse strands of wire inserted into said recesses, and retaining wires inserted into the upper ends of the ribs over the intersecting strands of wire for retaining the latter in position.

In testimony, that I claim, the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

LEON BARG.

Witnesses:

PAUL GOEPEL;

HENRY J. SUHRPIER.