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L. FRANCIS

WOVEN WIRE ART CANVAS

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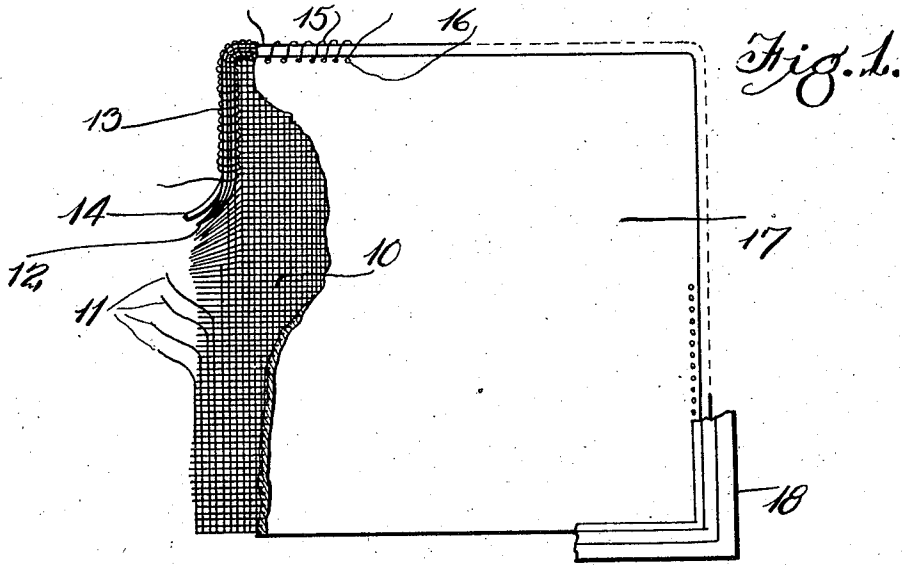
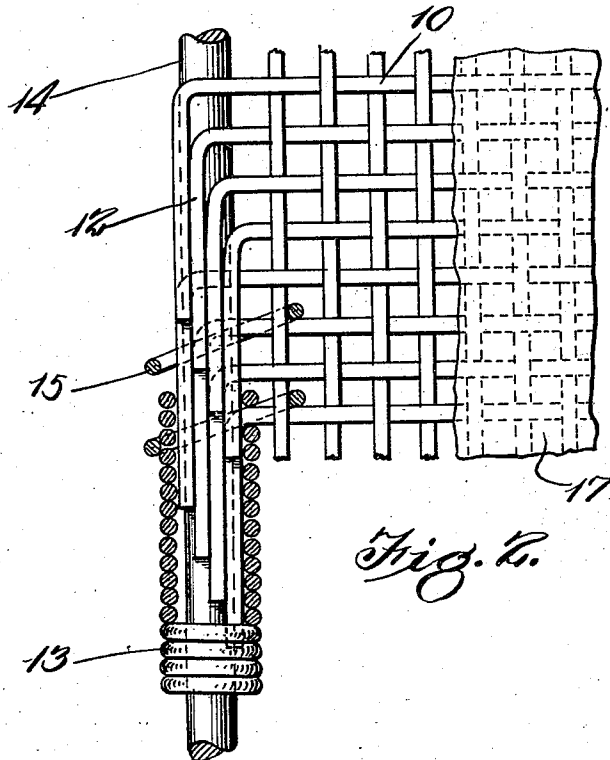


Fig. 2.

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WOVEN-WIRE ART CANVAS.

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This invention relates to canvases for art purposes such as paintings and the like and has special reference to a woven metal art canvas.

5 One important object of the invention is to provide a novel form of surface on which painting, lithographing and the like may be performed.

10 A second important object of the invention is to provide an improved form of painting surface which is practically indestructible in its nature.

15 A third important object of the invention is to provide a novel arrangement of binding or edging for such a canvas.

20 With the above and other objects in view as will be hereinafter apparent, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings and specifically claimed.

25 In the accompanying drawings like characters of reference indicate like parts in the several views, and:

Figure 1 is a general face view of the invention, the view showing the method of construction.

30 Figure 2 is an enlarged detail exaggerated in size to more clearly disclose the construction of the edging, the filling coat being broken away and the view being partly diagrammatic.

35 This art canvas is formed from a woven wire sheet 10 and at each edge several of the wires parallel to that edge are drawn out as at 11 in Figure 1. This leaves the wires perpendicular to the edge projecting outwardly, this step in the manufacture being analogous to forming a fringe on a napkin, doily or the like so that the sheet of wire mesh may be said to have fringed edges. The strands forming these fringes are all bent to lie in parallel and overlapping position as at 12 and around these fringe strands is wound a binding 13 preferably by flexible wire although any other suitable material may be employed. In order to stiffen the edges a reinforcing wire 14 is bound in with the fringe strands as shown and this wire may be of any desired thickness to suit the size of the canvas. Furthermore, a reinforcing lacing 15 may be led through holes 16 spaced from the edge 55 to hold the wire 14 in place and prevent

the fringe strands from pulling out of the binding by relieving tension thereon.

The sheet is dipped or otherwise coated with a suitable filler 17 which constitutes the ground on which painting is done and 60 this coating may be effected in the sheet before edging or, if desired, the edging may be performed and the edged sheet coated so that the coating protects all of the wires from deterioration or corrosion due to atmospheric influences. 65

A sheet thus prepared has all of the advantages of the ordinary artist's canvas without requiring stretching and, since it is made from wire, is much less subject to accidental tears and holes besides being practically indestructible by time. 70

Obviously the canvas may be mounted in a frame 18 in the ordinary manner.

There has thus been provided a simple 75 and efficient device of the kind described and for the purpose specified

Having thus described the invention, what is claimed as new, is:

1. In an art canvas, a woven wire sheet 80 having fringed edges, the strands of the fringe being arranged in parallel overlapping relation, and means to bind the overlapping fringe strands together.

2. In an art canvas, a woven wire sheet 85 having fringed edges, the strands of the fringe being arranged in parallel overlapping relation, a reinforcing wire extending around said sheet and contacting with the overlapping fringe strands, and means 90 to bind said overlapping fringe strands together and to the reinforcing wire.

3. In an art canvas, a woven wire sheet having fringed edges, the strands of the fringe being arranged in parallel overlapping relation, a reinforcing wire extending around said sheet and contacting with the overlapping fringe strands, means to bind said overlapping fringe strands together and to the reinforcing wire, and a 95 lacing extending around the binding means and through the sheet at points spaced from the edges of said sheet. 100

4. In an art canvas, a woven wire sheet having fringed edges, the strands of the 105 fringe being arranged in parallel overlapping relation, a reinforcing wire extending around said sheet and contacting with the overlapping fringe strands, and a binding strand wound spirally about the over- 110

lapping fringe strands and reinforcing wire.

5 5. In an art canvas, a woven wire sheet having fringed edges, the strands of the fringe being arranged in parallel over-
lapping relation, a reinforcing wire extend-
10 ing around said sheet and contacting with the overlapping fringe strands, a binding strand wound spirally about the overlapping fringe strands and reinforcing wire, and a
lacing extending around the binding means
and through the sheet at points spaced from
the edges of said sheet.

6. In an art canvas, a woven wire sheet having fringed edges, the strands of the

fringe being arranged in parallel over- 15
lapping relation, a reinforcing wire extend-
ing around said sheet and contacting with
the overlapping fringe strands, a binding
strand wound spirally about the overlapping
fringe strands and reinforcing wire, a lacing 20
extending around the binding means and
through the sheet at points spaced from the
edges of said sheet, and a filler and ground
completely coating the sheet and its edges
and their binding strand and lacing. 25

In testimony whereof I affix my signature.

LOUIS FRANCIS.