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a pressure of from 9 to 100 tons (according to grade) at each thread in the web.

The many uses to which woven wire is applied is a pronounced commentary upon that practical wisdom of the age, which seeks to expand every known thing to a greater sphere of usefulness.

Wire is rapidly supplanting wood for lathing purposes. In our largest and best buildings wire cloth for lathing is used, as the grip of the plaster upon it is more thorough and permanent than upon wood. It is also fireproof.

A novel use of wire cloth may be found in its association with glass. The subject of protecting large sky-lights is now one of considerable importance. In such structures as large railroad depots, where the entire arched roof being made of glass is (particularly in winter when the snow falls heavily) a constant menace to life and property. The glass used in their construction is necessarily of considerable thickness, which would, were it to break and fall, with its heavy sharp edges, be capable of inflicting fatal injuries. To remedy this danger, a