

firm in Tacona, Pennsylvania, is manufacturing glass combined with wire cloth. The molten glass is poured upon a table and the sheet of wire cloth is laid upon it; a roller is then brought to bear, which presses and imbeds the wire fabric into the body of the glass, which when cool is sent to the annealing oven.

Again we have wire cloth associated with papier-mache, the wire being imbedded in the pulp and rolled under hydraulic pressure until it is as hard as the hardest wood. This is an excellent material for roofing or fibrous ware.

Another novel use is its association with oil and varnish, the mesh of the cloth being absolutely filled and coated. It resembles stained glass, and is used for exhibition buildings, sky-lights, windows and verandahs.

The many uses of wire are apparent to the most casual observer, and if we examine the subject critically we will see that our civilization could not have been what it is without its powerful aid.

The ancients, in their worship of Jupiter