her heretofore invented, on account of their superior strength, durability, and chaste preservation of navigation.

**SIGNED,**

Forman Cheesman,  
Christian Bergh,  
Henry Eckford,  
Adam Brown,  
Noah Brown,  
Geo. James,  
Joseph White,  
William Ball,  
Jonathan Gorham,  
Francis Gantz,  
Jacob Weaver,  
John Aikman,  
William Millen,  
Joseph Webb,  
Amos Cheney,  
Elisha Blossom,  

**Samuel Thorne.**

The above Testimony was published three times in each of the following public papers of New-York, viz. the Evening Post, the Citizen, and the Mercantile Advertiser.

**CHAIN BAR ARC.**

The author’s patent chain bar arc is of important, though simple construction. The various modes of placing the iron links in the internal part, whereby the perpendicular weight is sustained without producing the least lateral pressure, will be found to be of curious invention. Fig. 14, Plate 3, describes an arc of this kind 11 feet wide, and one of the modes adopted in placing the chain and the bars by which the arc is held together. The internal bands which are let into each stone, that not only carries the weight but also prevents the stone from bursting by pressure, are of various forms. This arc will be of great importance, where spacious porticoes, and openings, are required to heavy buildings.