An Account of a New Method of constructing Wooden Bridges: Extracted from the Philosophical Magazine, No. cxlviII, for August, one thousand eight hundred and ten.

M. WiebeKing, director of roads and Bridges to the king of Bavaria, has discovered a method of constructing wooden Bridges, which, in point of strength and solidity, promise a duration of several centuries. They are also remarkable for the elegance of their form and the width of the arcs. A Bridge has been constructed on the above plan over the river Roth, five leagues from Passau, (Germany) consisting of a single arc two hundred feet wide: another has been made for a large city, two hundred and eighty-six feet wide.

These arcs may be so constructed as to admit of ships of war or merchant vessels passing through them, an aperture being made in the centre, which can be opened or shut at pleasure. Another advantage possessed by these Bridges is that of being speedily taken to pieces: if it be necessary to stop the progress of an enemy, the arc may be removed in one day, and the abutments in another, without cutting the smallest piece of timber.