OF BRIDGES.

is certainly worthy of attention, and reflects the highest honour on the inventive faculties of an unimproved genius. The model is ninety-eight feet long, and is constructed with such uniform solidity, that it has supported fifty-six ton seventeen hundred three quarters and twelve pounds weight, including its own gravity, and the weight with which it was loaded, which is far more, in proportion to its size, than the projected Bridge would have to sustain from its own weight and the additional pressure of carriages.*

A BRIDGE IN ITALY.

CONSTRUCTED OF MARBLE.

This famous Bridge, called the Rialto, is at Venice, and is universally allowed to be one of the finest in Europe. It was built in the year one thousand five hundred and ninety-one, from a design of the celebrated Michael Angelo, and is said to have cost two hundred and fifty thousand ducats.

It consists of a single Arc, all of marble, has rails on each side, and two rows of jewellers shops in the middle. The dimensions of this Bridge are

* * Wonders of Nature and Art, vol. iii, p. 120.