

ly, and the cork shall be repelled : then apply the requiring wire, which will take out the spark given by the other ; when the cork will return to the shot : Apply the same again, and take out another spark, so will the shot be electrified *negatively*, and the cork in that case shall be repelled equally as before. Then apply the giving wire to the shot, and give the spark it wanted, so will the cork return : Give it another, which will be an addition to its natural quantity, so will the cork be repelled again : And so may the experiment be repeated as long as there is any charge in the bottles. Which shews that bodies having less than the common quantity of Electricity, repel each other, as well as those that have more.

Chagrined a little that we have been hitherto able to produce nothing in this way of use to mankind ; and the hot weather coming on, when electrical experiments are not so agreeable, it is proposed to put an end to them for this season, somewhat humorously, in a party of pleasure, on the banks of *Skuykil* *. Spirits, at the same time, are to be fired by a spark sent from side to side through the river, without any other conductor than the water ; an experiment which we some time since performed, to the amazement of many †. A turkey is to be killed for our dinner

* The river that washes one side of *Philadelphia*, as the *Delaware* does the other ; both are ornamented with the summer habitations of the citizens, and the agreeable mansions of the principal people of this colony.

† As the possibility of this experiment has not been easily conceived, I shall