

*viz.* to examine whether bodies at a further distance from the Center of the Earth did not lose somewhat of their power or tendency towards it. And propounded it as one of the Experiments to be tried at the top of the Pike of *Teneriff*, and attempted the same at the top of the Tower of *St. Pauls* before the burning of it in the late great Fire ; as also at the top and bottom of the Abby of *St. Peters* in *Westminster* though these being by but small distances removed from the Surface, I was not able certainly to perceive any manifest difference. I propounded the same also to be tried at the bottom and several stations of deep Mines ; and *D. Power* did make some trials to that end, but his Instruments not being good, nothing could be certainly concluded from them.

These are the Phenomena of Springs and springy bodies, which as they have not hitherto been by any that I know reduced to Rules, so have all the attempts for the explications of the reason of their power, and of springiness in general, been very insufficient.

In the year 1660. I printed a little Tract, which I called, *An Attempt for the explication of the Phenomena, &c.* of the rising of water in the pores of very small Pipes, Filtres, &c. And being unwilling then to publish this Theory, as supposing it might be prejudicial to my design of Watches, which I was then procuring a Patent for, I only hinted the principle which I supposed to be the cause of these Phenomena of springs in the 31 page thereof in the English Edition, and in the 38 page of the Latine Edition, translated by *M. Behem*, and printed at *Amsterdam*, 1662. But referred the further explication thereof till some other opportunity.

The Principles I then mentioned I called by the names of *Congruity* and *Incongruity* of bodies. And promised a further explanation of what I thereby meant on some other occasion. I shall here only explain so much of it as concerns the explication of this present Phenomenon. By

