

Nicholas Bloy, Engineer

"The Severall Engines that Nicholas Bloy Engineer professeth," 1620

[spelling modernized]

The first is the perpetual motion, commonly called the continual wheel, which wheel goes without wind, water, man or horse, or anything that breathes.

The several uses be these.

It will grind all kind of corn, or grain, as sufficiently as ever was or can be either by wind-mill, or water-mill.

It will serve for the draining of fens or marsh grounds.

It serves for draining of coal pits, lead-mines, tin-mines, and all other mines of metals.

It serves for oil-mills, Iron mills, smelting of lead, sawing of timber, beating of hemp, and many other good purposes.

The second is the wheel *pro & contra*, which wheel goes by the labor of one man, by which wheel more stuff may be drawn out of the ground as coal, lead, stone, earth, water, or any other metal, then ever was yet done by the labor of ten men.

The third is the *Attractive Pegasus*, it serves for the draining of coal pits, lead-mines, tin-mines, and all other mines of metals.

The fourth is the *high peritick Assistant*, a very necessary Engine at the foot of *Pegasus*, to send more the water to him that he may raise it out at the day.

The fifth is the *Lacune Rampant*, it serves to drain fens & marsh grounds it will raise 300 tons of water an hour with the labor of one man, it will raise water out of a standing poole to drive any water-mill, and that with the labor of one man, besides a vcery necessary engine for ships at sea.

The sixth is the *Ignipotent Carpin*, for if there be a Scareofire in a town, one man with that engine shall so more goof fo the slaking of the said fire, then can be done by forty men any other way; it serves also to water gardens as rain from heaven, it will beat caterpillars from fruit trees and armors, and tha in an excellent manner.

The seventh is the *Saxipotnet Engine*, it serves to pierce the stony rocks for speedy getting of the coal, lead, tin, or any other metals.

The eighth is the *Dampe Engine*, for it drives the damp out of the ground for the preservation of all that shall work therein, & that with the labor of one man.

The ninth is the *Engine Triangula*, it brings the water out of the very top of a pit, and it runs in pipes down the hillside naturally after it be once set a-work, nuch after the manner of a perpetual motion, for it never can stand (except it be stopped or stayed) so long as there is any water in the pit.