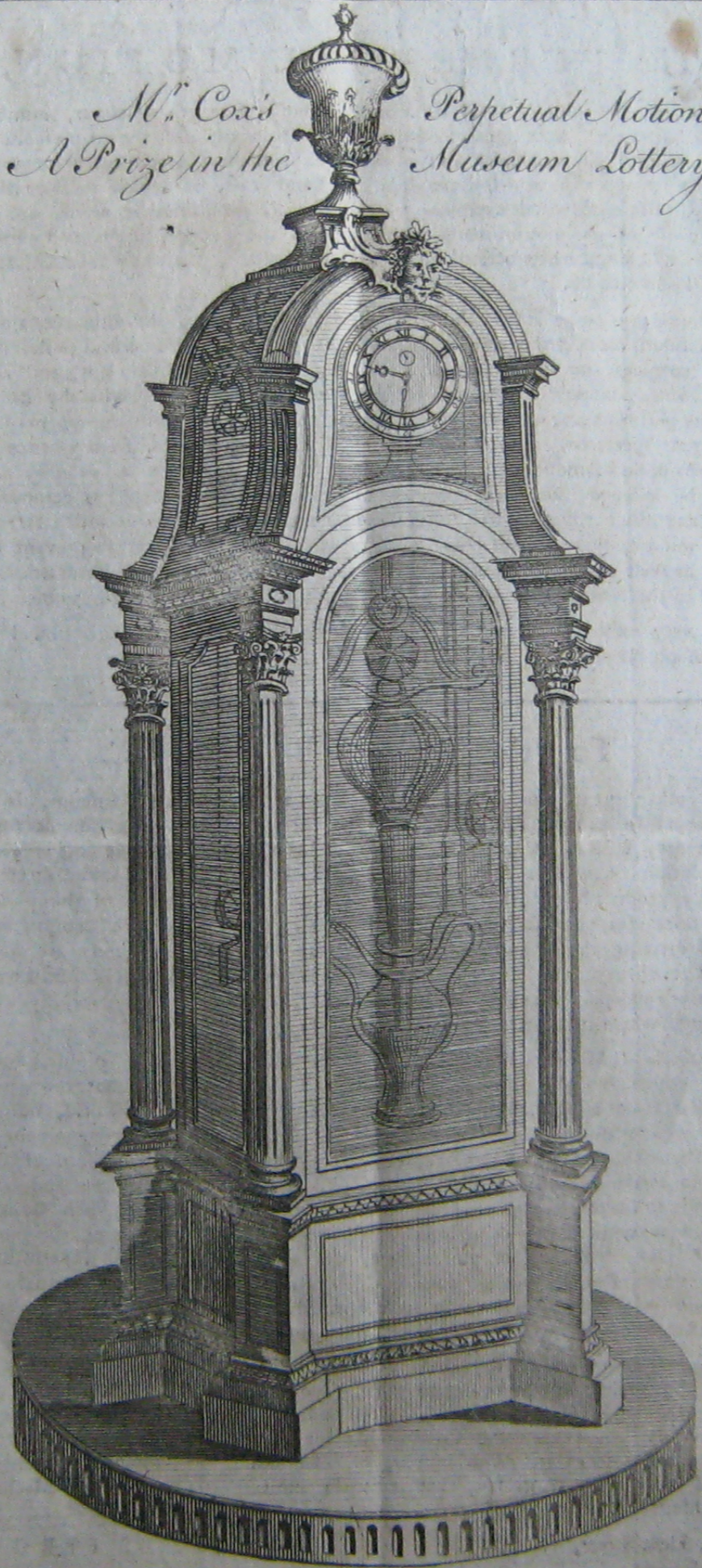


*M^r Cox's Perpetual Motion,
A Prize in the Museum Lottery.*



The PERPETUAL MOTION,

IS a mechanical and philofophical time piece, which after great labour, numberless trials, unwearied attention, and immense expence, is at length brought to perfection; from this piece, by an union of the mechanic and philofophic principles, a motion is obtained that will continue for ever; and although the metals of steel and brafs, of which it is constructed, must in time decay, (a fate to which even *the great globe itself, yea all that it inherit,* are expofed) still the primary caufe of its motion being constant, and the friction upon every part extremely insignificant, it will continue its action for a longer duration, than any mechanical performance has ever been known to do.

This extraordinary piece is something above the height, size, and dimensions of a common eight day pendulum clock; the cafe is of mahogany, in the architectural ftile, with columns and plasters, cornices and mouldings of brafs, finely wrought, richly gilt, and improv'd with the most elegantly adapted ornaments. It is glazed on every fide, whereby its construction, the mode of its performance, and the masterly execution of the workmanship, may be discovered by the intelligent fpectator. The time piece is affixed to the part, from whence the power is deriv'd; it goes upon diamonds, or (to fpeak more technically) is *jewelled in every part*, where its friction could be leffened; nor will it require any other affiftance than the common regulation, neceffary for any other time-keeper, to make it perform with the utmoft exactnefs. Befides the hour and minute, there is a fecond hand, always in motion; and to prevent the leaft idea of deception, as well as to keep out the duft, the whole is enclosed within frames of glafs, and will be placed in the center of the Mufeum, for the infpection of every curious obferver.

N. B. The very exiftence of motion in the time piece is originated, continued and perfected from the philofophical principle, by which *alone* it acts.

'To the P U B L I C.

AMONG other great works now introduced at Mr. Cox's Mufeum, is an immense *Barometer* of fo extraordinary a construction, that by it the long fought for, and in all likelihood the only PERPETUAL MOTION that ever will be difcovered, is obtained. The constant revolution of wheels moving in vertical, horizontal, and other directions, is not only physically produced, but the indication of time from an union of the philofophic with the mechanic principles, is effected.— Upon the dial, befides a minute and an hour hand, is another hand dividing the minute into fixty equal parts; thefe hands are motionlefs, till affixed to the primary motion, fo that the motion of the time-piece (as Mr. Cox in his de- fcriptive inventory judiciously expreffes it) is *originated, continued and perfected*, by the philofophic principle through which it is (folely) actuated.

The encouragement Mr. Cox has for many years given to men of genius, and the perfe- verance with which he has purfued the great line of utility, have not only given birth to productions that have aftonifhed all Europe, as well as the Eastern world, but have at laft produced the wonderful machine above defcribed. Several of the most eminent Philofophers and Mathematicians in this kingdom, who have examined it attentively, are of opinion, that it will lead to farther improvements both in philofophy and mechanics; and we hear that Mr. Cox intends to devote a part of every week to the gratification of fuch Gentlemen in the fcientific world as wifh to be acquainted either with the construction or the mode of opera- tion, the principles of action, or the masterly execution of fo capital a performance. This article is the work of many years, during which time the numberlefs ineffectual and expenfive trials were made, which perhaps would have damped any ardour but Mr. Cox's, and probably have prevented the world from ever being benefited by fo valuable a difcovery.

“ I have feen and examined the above defcribed Clock, which is kept constantly going by the rifing and falling of the quicksilver in a moft extraordinary Barometer; and there is no danger of its ever failing to go, for there is always fuch a quantity of moving power accumulated, as would keep the Clock going for a year, even if the Barometer fhould be taken quite away from it. And indeed, on examining the whole contrivance and con- ftruction, I muft with truth fay, that it is the moft ingenious piece of Mechanifm I ever faw in my life.”

Bolt-Court, Fleet-Street,
Jan. 28, 1774.

JAMES FERGUSON.

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