

might also be done, by setting of the *Secants* of every whole or half degree, if there were not this Inconvenience in it (which is not in my Rule: ) That a Line composed of so many small parts, would be subject to many errors, especially in a small compass.

The same Rule also will serve, to find the Course and Distance between two Places assigned, as far, as practice shall require it; and that, without any Table of *Meridional* parts, and yet with as much ease and exactness.

And seeing all these things do depend on the solution of this Question, *Whether the Artificial Tangent-line be the true Meridian-line?* It is therefore, that I undertake, by God's assistance, to resolve the said Question. And to let the world know the reasons and confidence, I have to make good this undertaking, I am willing to lay a *Wager* against any one or more persons that have a mind to engage, for so much as *another Invention* of mine (which is of less subtlety, but of far greater benefit to the publick) may be worth to the Inventor.

For, the great advantage, that all Merchants, Mariners, and consequently the Common-wealth, may receive from this *other Invention*, is, in my judgment, highly valuable; seeing it will oftentimes make a ship sail, though, according to the common way of sailing, the wind be quite contrary, and yet as near to the place intended, as if the wind had been favourable: Or, if you will, it will enable one to gain something in the intended way, whether the wind be good or no (except only when you go directly South or North) but the advantage will be most, where there is most need of it, that is, when the Wind is contrary: So that one may very often gain a fifth, fourth, third part, or more of the intended voyage; according as it is longer or shorter, viz. always more in a longer Voyage, where the gain is more considerable, and more welcome; not only by saving Time, but also Victuals, Water, Fuel, Mens health, and so much Room in the ship.

All this, which is here pretended, the Proposer is to make good by the Verdict of some able Men, who also may give a guess, what this latter Invention may be worth to the owner: And for so much, and no more, he will stand engaged against any