12. Teaches a new way, of ufing a Telefcope for drawing in proportion all the new Appearances in the Heavens ; for meafuring the Bodies of the Planets, and of the Fixt Stars themfelves and their diftances, in fuch parts, that a *Line* (the twelfth part of an inch) fhall contain a 1000 of them;an inch (the twelfth part of a foot) 12000, and a foot, 144000 : Befides, a very eafie and certain way of making all thefe parts (though very fmall) perceptible to the bare Eye.

So far of the *firft* Head of this *Third* Part.

The other Head is the *Mechanical*, fhewing the feveral ways of Forming and Polifhing all forts of Glaffes, that ferve for Telefcopes ; which is done in *fix* Sections.

1. Rectifies the *Common* way of forming Glaffes Spherically, and all the Moulds, in which the Vulgar Artifts are wont to work them.

2. Teaches a way of excellently forming and polifhing fuch Glaffes by hand,without any Engin.

3. Teaches a way of working Glaffes by the hand guided by a fimple Engin.

4. Treats of the working of Glaffes by Inftruments and Engins,regulating and directing the hand.

5. Teaches a New way of working Spherical Concave Eyeglaffes, to ferve Telefcopes of the firft kind, above-mentioned.

6. Teaches a New way of working all forts of Spherical Glaffes, Convex and Concave, for Telefcopes, very univerfally, fpeedily, with eafe, and in a fmall room ; even for the longeft Tubes.

All which the Author concludeth with a Direction for a way of making Tubes that may ferve to fit up Telefcopical Glaffes.