



there was a discourse at *London* of a certain pot of *Glass-mettal*, which brake in the *Glass-house* at *Woolidge*; in the bottom of which was found a quantity of *Opal-glass*. And although the very persons, who had compounded it, endeavoured to repeat that accidental Experiment, yet they could never bring it to pass, as I was inform'd by a person concern'd in it. The last week I was two daies at *Harlem* on purpose to see the Experiment of the making of this counterfeit'd *Opal-glass* which is there done by Rule. It is very lively, I confess, and as I guess, perform'd only by the degrees of heat, producing the Colors; of which degrees I have by me several, I took notice of, with some curiosity, in the operation. When the Composition is thoroughly melted, they take out some on the point of an *Iron-rod*, which being cool'd either in the *Air* or *Water*, is colourless and pellucid; but being put into the mouth of the furnace on the same rod, and there turn'd by the hand for a little space, hath its little bodies so variously posited in several parts of the same piece, as that the light falling on them, being variously modified thereby, represents those several Colours, that are seen in the true *Opal*. Whether it be the greatest, or least degree of heat, that renders it a white opaque Body, I have let slip; but this I know, (which seems remarkable) that the colours of it may be destroy'd and restor'd, according to the various motions (I suppose) of its particles by heat.

They also make there the *Amethyst* and *Saphir*; and have recover'd the hundred years loss of incorporating *Red-glass*; and have some mettal, that is esteem'd to equal *Chrystal* in hardness as well as colour. To give you an account of their Mill to grind, and Engins to polish Looking-glasses, will be needless: I only add, that they can diamond or square their looking-glasses in their Grinding-mill.

*Some Animadversions, written in a Letter by Dr. John Wallis, on a printed Paper, entitul'd Responso Francisci du Laurens ad Epistolam D. Wallisii ad Cl. V. Oldenburgium scriptam.\**

\* See this Epist. num 34. Transp. 654.

Epistolam tuam, Vir Clarissime, quæ *Du Laurensii* impressam chartam (quæ