

8. Eclipsis Solis *partialis*, quæ die XIII. Feb. St. Vet. five D. I. Martii St. Nov. A. 1737. contigit, Phases *decrescentes* Vittembergæ Saxonum *observatæ*, a J. Frederico Weidlero, *Math. Prof. & R. S. Lond. S.*

Digiti Eclipsæos *decrescantis*. *Vide Schema in*

	H.	M.	S.	
VIII	4	50	31	p. m.
VII $\frac{3}{4}$		58	16	
VII $\frac{1}{2}$	5	1	56	
VII $\frac{1}{4}$		5	26	
VII		8	16	
VI $\frac{1}{2}$		10	16	Postea Sol ad occasum ver- gens nubes subiit.

TAB. II. FIG. II.

Initium propter nubes cœlo obductas videri non potuit.

VIII. *A Letter from the Rev^d Ebenezer Latham, M. D. and V. D. M. to C. Mortimer, M. D. Sec. R. S. containing a Proposal to make the Poles of a Globe of the Heavens move in a Circle round the Poles of the Ecliptic; read at a Meeting of the Royal Society, April 17. 1738.*

S I R,

Findern, April 14, 38.

I Take the Liberty through your Hands to communicate the inclosed to the *Royal Society*, and at the same time to submit to that learned Body a Pro-
C c 2 posal

posal I would make relating to an Improvement in the Construction of the Globes of the Heavens. As we now have them, you know they are only form'd for the present Age, and do not serve the Purposes of Chronology and History, as they might, if the Poles whereon they turn were contriv'd to move in a Circle round those of the Ecliptic, according to the present Obliquity of this. By this Means we might have a View of the Heavens suited to every Period, and that would answer the antient Descriptions, those of *Eudoxus*, for Instance, who is supposed to borrow his from the most early Observations; and of *Hipparchus*, &c. Nor could any Contrivance better enable the lowest Reader to judge of the Merits of the Controversy about the *Argonautic* Expedition, as far as it depends on this: For it will verify to the Sight the Path of the Colures, &c. at any Time. I thought to have transmitted a Scheme of the whole, in which the Equator must be fix'd to the brazen Meridian, &c. But it is easily understood, and can only wait the Approbation of such great Judges to recommend it to the Artists.

Your most obedient,

Humble Servant,

E. Latham.

N. B. That Globes, to answer the End here proposed, tho' differently constructed, had long before been made and published by Mr. *Senex*, who at next Meeting gave the following Account of his Contrivance.