

II. *Extract of a Letter from the Right Honourable the Lord Paisley, F. R. S. to Mr. George Graham, F. R. S. With some curious Figures of the same Comet.*

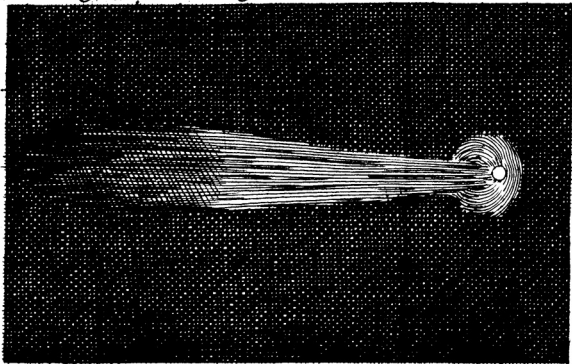
**H**IS Lordship being at *Witbam* in *Essex*, where he had the Advantage of a very clear Sky, first discover'd this Comet on *Friday* the 11th of *Octob.* last about 7 in the Evening; it then appeared not much unlike a Star of between the 4th and 5th Magnitudes, but a Haziness round the Head, and some Light streaming from it on that Side that was opposite to the Sun, induced him immediately to look upon it as a small Comet; which his Observation the next Evening abundantly satisfy'd him of. His Lordship was very particular in the Notice he took of its Appearance, and was pleas'd to communicate the three curious annexed Figures [*Fig. 1, 2, 3.*] of it, representing it on three several Nights, *viz.* the 11th, 13th and 15th of the same Month; some time after which the Tail became so inconsiderable as hardly to deserve any farther Description; as will be readily judg'd from the Decrease of it between the 11th and 15th Days of the Month. The Tail was visible on the 11th to near a Degrees Distance from the Body, as his Lordship found by comparing it with some known Distances in the Heavens; it was of a dusky Light not unlike a Cloud growing darker and darker towards its Extremity, as is express'd in the first Figure, where, as well as in the two following, the white Speck in the Head is intended to express the Brightness

ness of a small Star; from the Comparison of which with the Tail the Brightness of the latter may in some sort be collected: The Tail appear'd sharper, and not so much spread in the two following Observations, and in the last did not exceed one third Part of the first Length; it was then of a much darker Colour, which made the Difference between that and the Head more observable, the Head yet appearing sufficiently bright. For some following Nights his Lordship's Observations were interrupted by cloudy Weather, after which the Comet was so far diminish'd, as only to be known by its Motion, its Appearance being no ways distinguishable from that of a small nebulous Star.

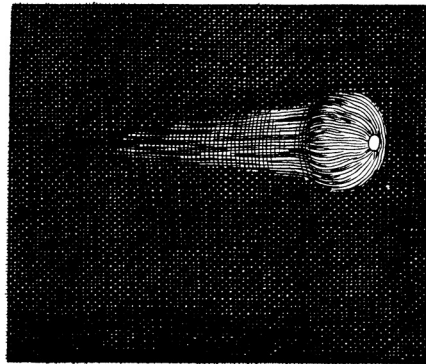
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III. *Observatio ejusdem Cometæ ab Illustrissimo Domino Francisco Bianchini habita Albani Mensis Octobris, 1723. & ab eodem Ulyssipponem missa P. Joanni Baptistæ Carbone Soc. J. E. S. U. Communicavit Isaacus Samuda, M. D. Col. Med. Lond. L. S. R. S.*

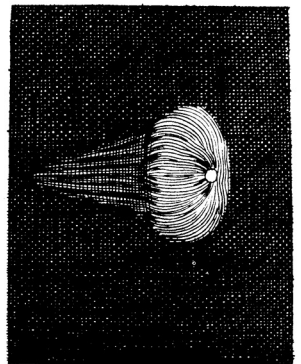
**D**IE 17 *Octobris*, postquam Jovialium Comitum fitum observassem fortè in Constellationem *Capricorni* oculos conieci; cumque astra singula percurrerem, in quamdam veluti nebulosam stellam incidi, cæteris sane grandiolem, quam tamen ibidem loci numquam antea observaram. Rei novitate perscrutaturus, eo Telescopium direxi, statimque Cometen esse deprehendi; siquidem tenuissimæ nebulæ globus apparuit, ejusque in medio veluti lucidus nucleolus. Idem quoque nudis oculis discernere licuit; & præ-



*F.1. Friday Oct. 11<sup>th</sup> at 7. in the Evening.*



*F.2. Sunday Oct. 13<sup>th</sup> at 6. ditto*



*F.3. Tuesday Oct. 15<sup>th</sup> at 6. ditto*

*Supposing the  
Moon to be of this  
Diameter, the Comet  
Seem'd to me to be in  
proportion to this Circle;  
as above delineated.*

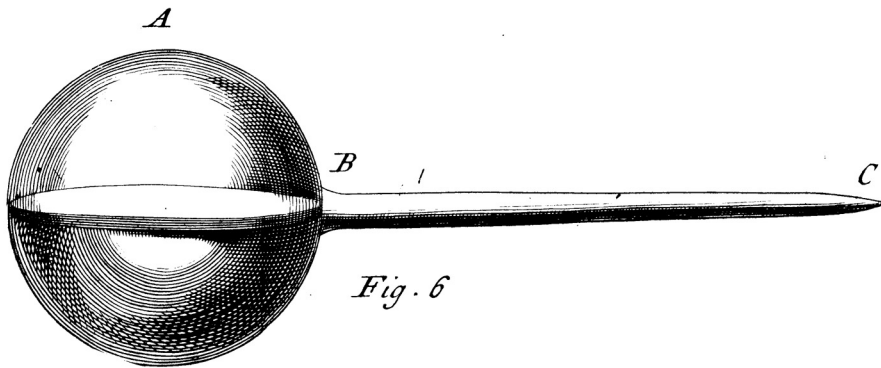
*Fig. 4.*



*μ*

*Fig. 5.*

*ε*



*Fig. 6*