

4 $\frac{1}{4}$  inches unmounted used to be £15 - but the brass cell would  
both reduce the aperture a little, & add perhaps £1.10. or £2. to  
the price. (His larger sizes are not cheap.) I have looked through  
one of his which I thought very good, but I cannot say whether  
they are equal to Clarke's or Cooke's. Unless I had an opportunity  
of choosing my own glass, I think I should prefer one by one of  
these two great makers, who are both fully to be trusted.

A man named Wray, who used to work for other opticians,  
has now come out as a maker on his own account. He lives  
somewhere at Camden or Kentish Town. If I am to believe  
what I have heard about a 5-inch of his, it must be one of the most  
extraordinary ever made - but I know nothing personally of his  
work, or of him. Were I in London, I should be induced to try to  
find him out.

Steinheil of Munich, the rival of Fraunhofer's successor  
Mery, makes telescopes on Fraunhofer's construction much cheaper  
than Mery, & cheaper than I believe than Cooke or Clark. But I  
do not mention him on that account, but on account of a new  
construction, the Gauss achromatic, so called after a great Ger-  
man mathematician, now deceased, which hitherto has been en-  
tirely in his hands. I know of only one specimen in England,  
which is in the possession of the Editor of the Intellectual Ob-  
server, and which I have ~~seen~~ seen. It is certainly a most  
beautiful glass - & not very expensive - the Editor sent his own  
tube over to Munich to have it fitted, & for a jet-glass cell,  
& fitting, Steinheil charged him £10 - the aperture being I  
think 3 French (rather more than 3 English) inches. He  
has made some of a larger size - I believe about 4 $\frac{1}{2}$  inches - &  
the Editor was so obliging as to mention me as a proper person  
to try one of them & bring it into notice in this country - But  
though it was promised me in December last, I have never