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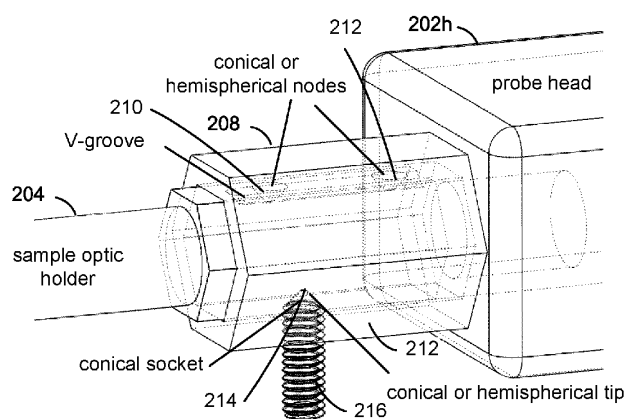


FIG. 4C

(57) Abstract: Various embodiments are described that provide an optical spectroscopy probe which has a probe head with a first attachment portion with at least one component having a first shape, a sample optic subassembly with a second attachment portion that is proximal to the probe head and has at least one component with a second shape that is complimentary to the first shape for releasably engaging the first attachment portion of the probe head, and a locking mechanism to hold the sample optic subassembly and the probe head together and constrain relative motion therebetween along at least five degrees of freedom.



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