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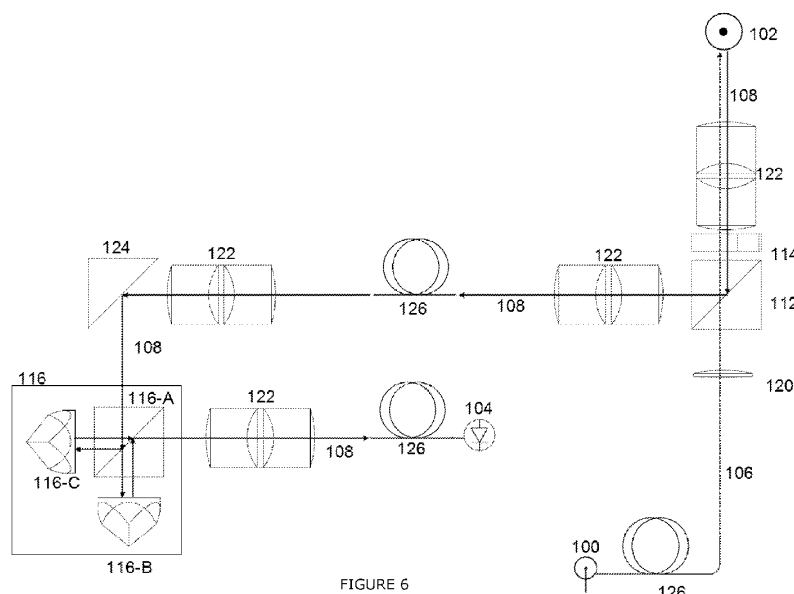
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(54) Title: MULTI-FUNCTION SPECTROMETER



(57) Abstract: The present invention relates to a spectrometer for detecting multiple spectra, the spectrometer comprising a light source, a sample tray, a detector adapted to detect Raman spectra and at least one of absorbance spectra or reflectance spectra, an incident light path extending from the light source to the sample tray, and a sample light path extending from the sample tray to the detector, wherein in use, the incident light path directs incident light from the light source to a sample in the sample tray, whereupon it interacts with the sample to form a characteristic signal, the sample light path directs sample light comprising the characteristic signal from the sample to the detector, and the characteristic signal comprises at least one of a Raman spectrum, an absorbance spectrum and a reflectance spectrum that is characteristic of the sample in the sample tray.

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