

FIG. 1

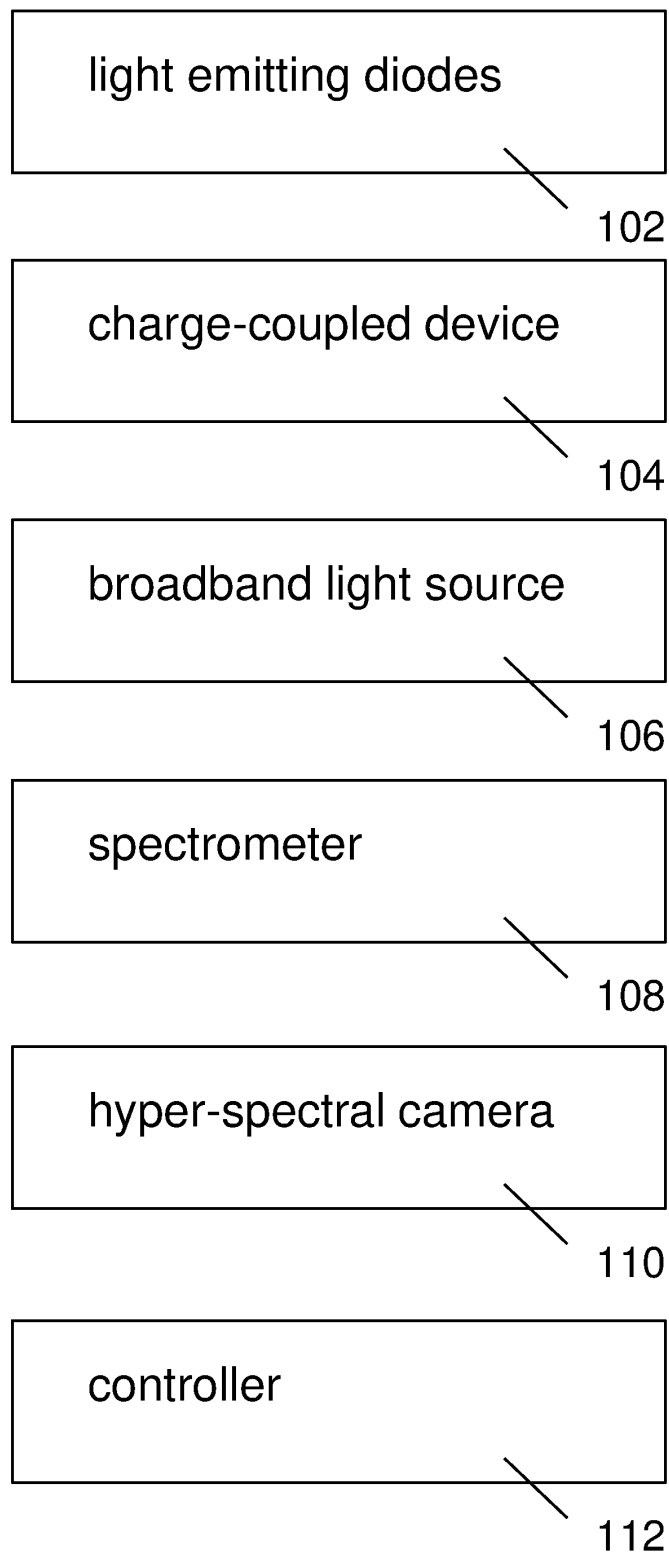


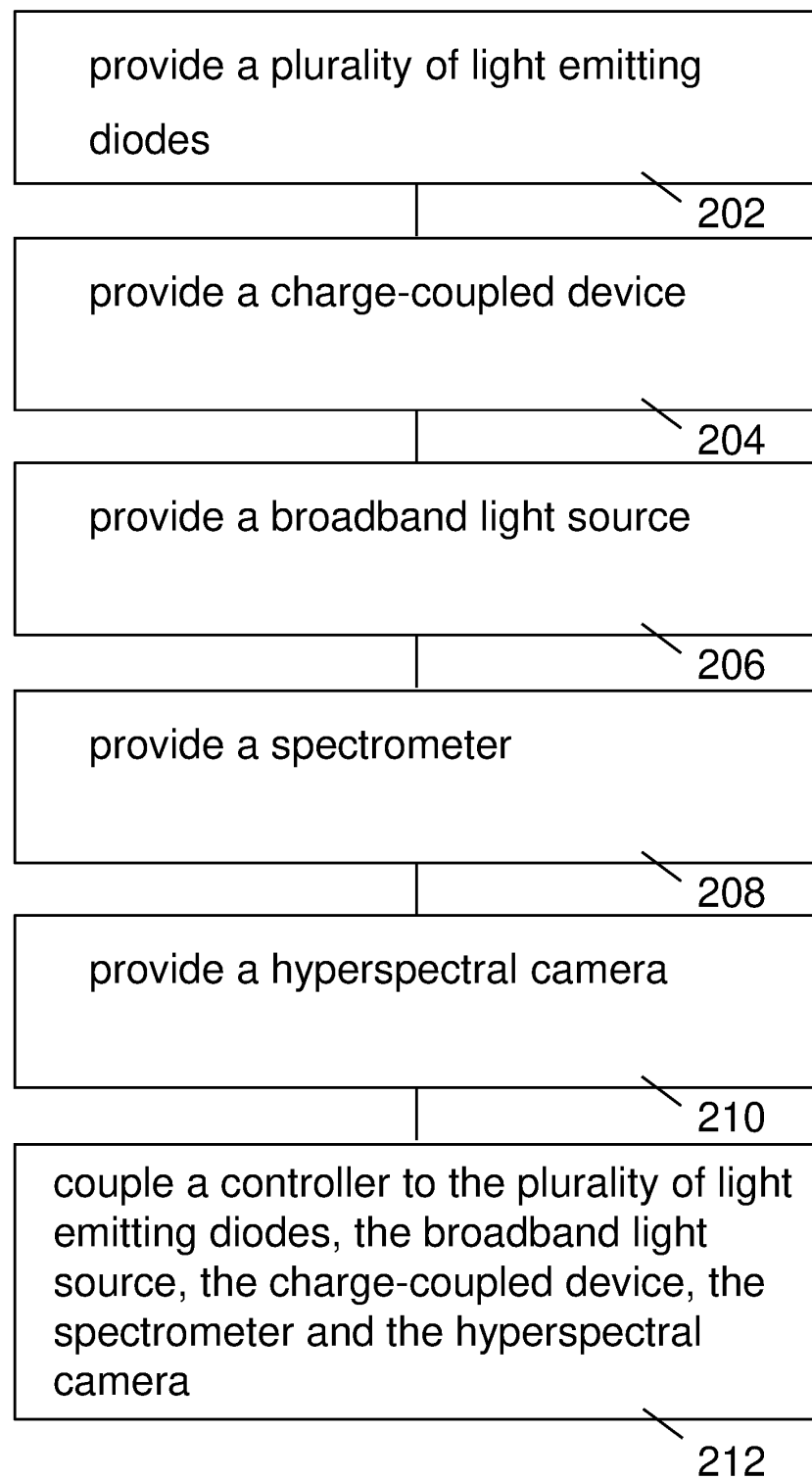
FIG. 2

FIG. 3

provide light of predetermined wavelengths using one or more light emitting diodes of a plurality of light emitting diodes such that the light emitted by the one or more light emitting diodes of the plurality of light emitting diodes is reflected by an object and received by a charge-coupled device so that florescence imaging of the object is carried out

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provide a broadband light using a broadband light source such that the broadband light emitted by the broadband light source is reflected by the object, wherein the reflected broadband light is received by a spectrometer for visible-near infrared-shortwave infrared spectroscopy of the object, and is received by a hyperspectral camera for hyperspectral imaging of the object

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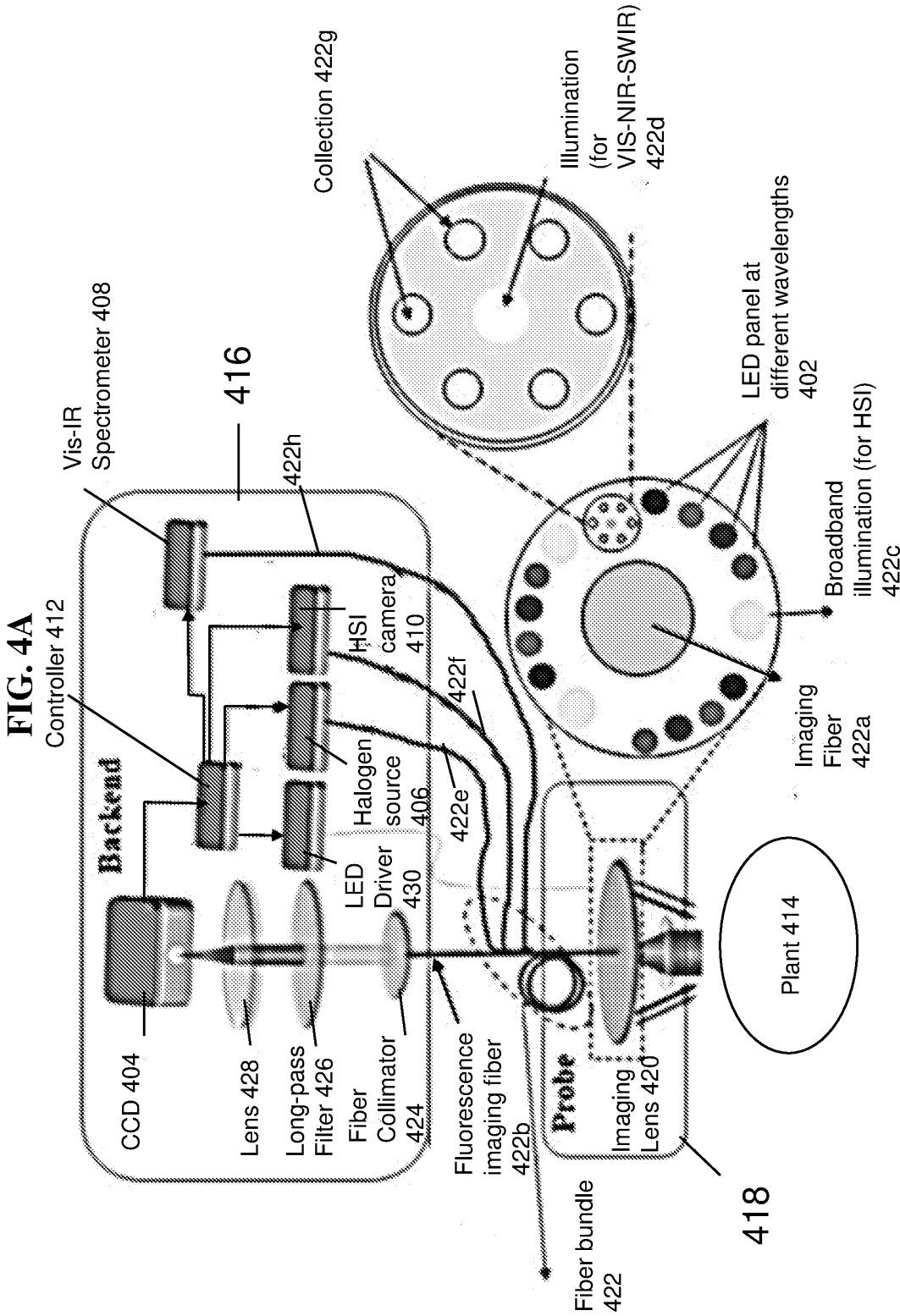


FIG. 4B

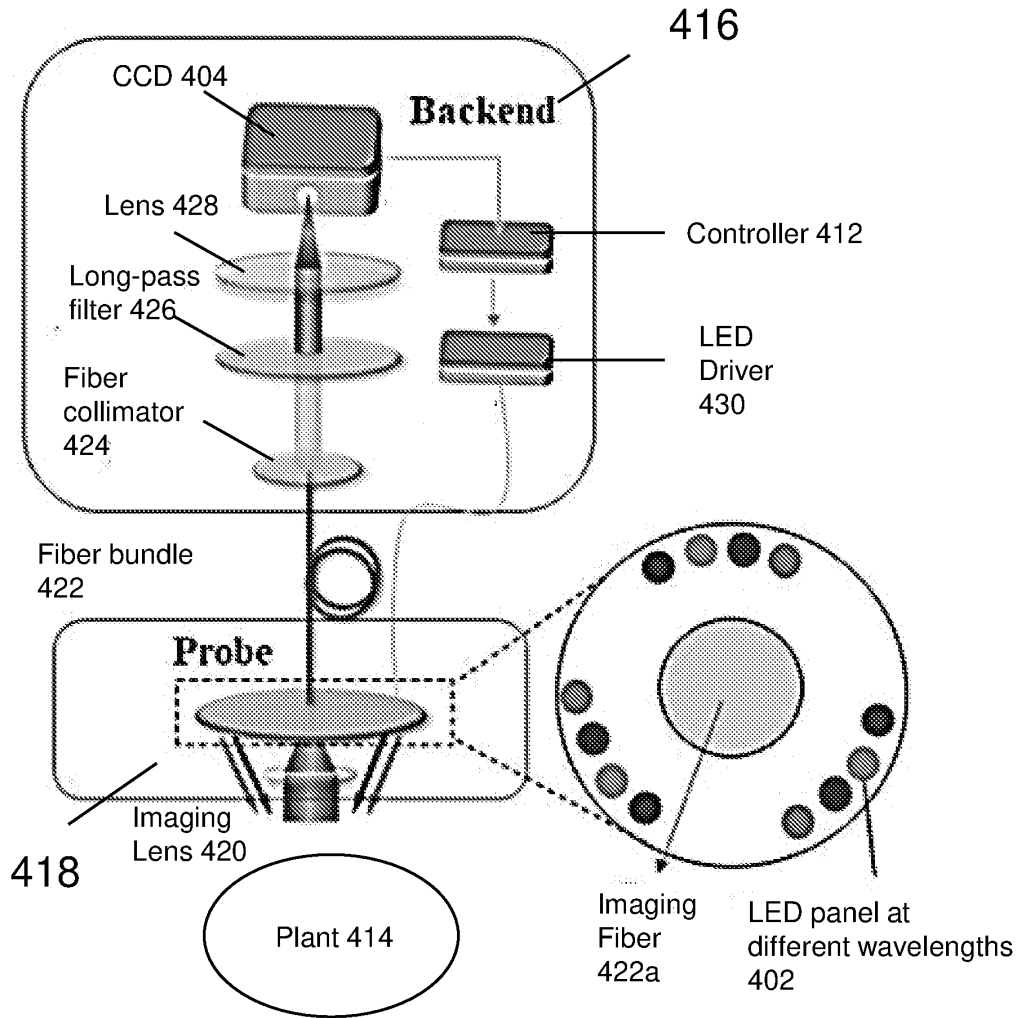
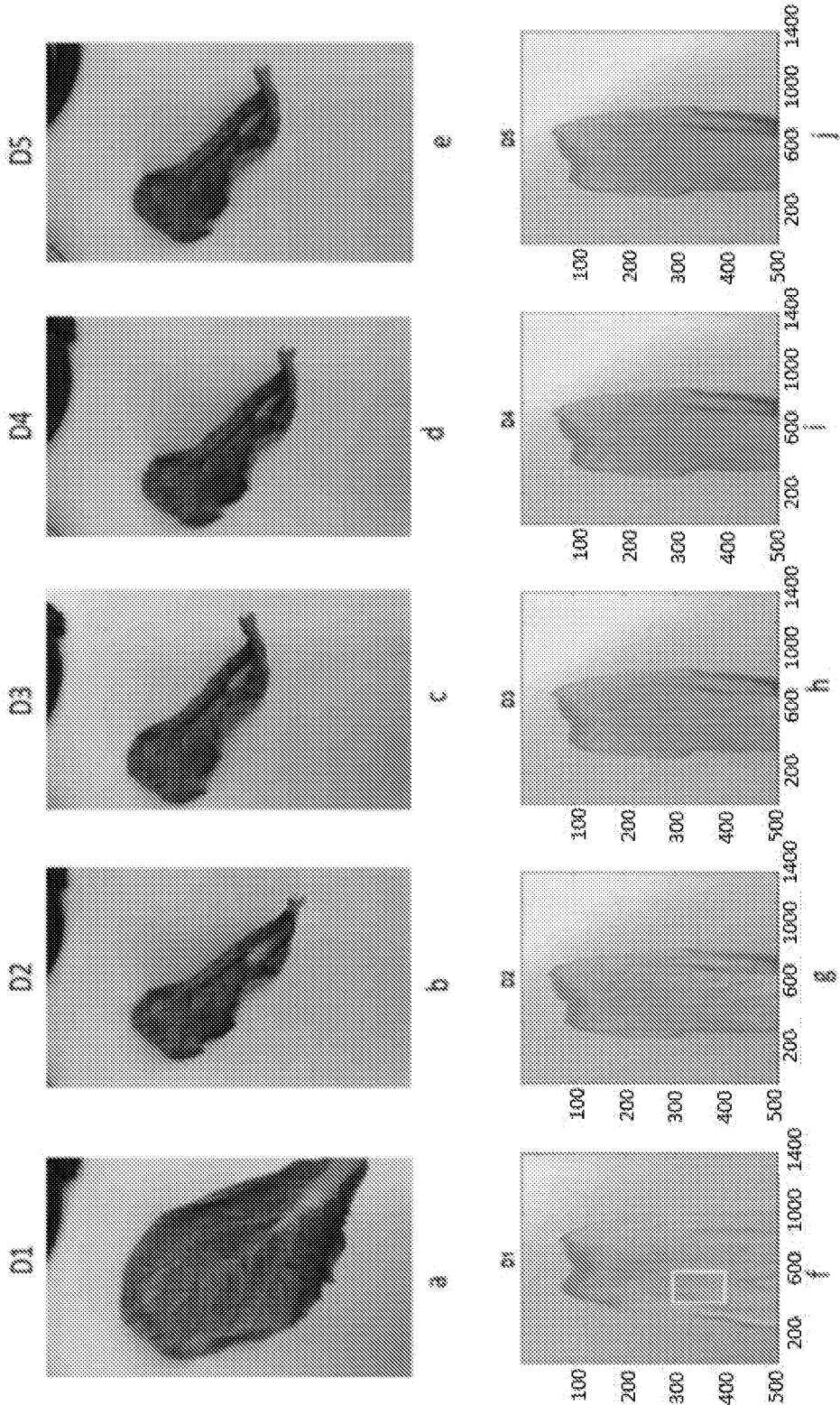


FIG. 4C



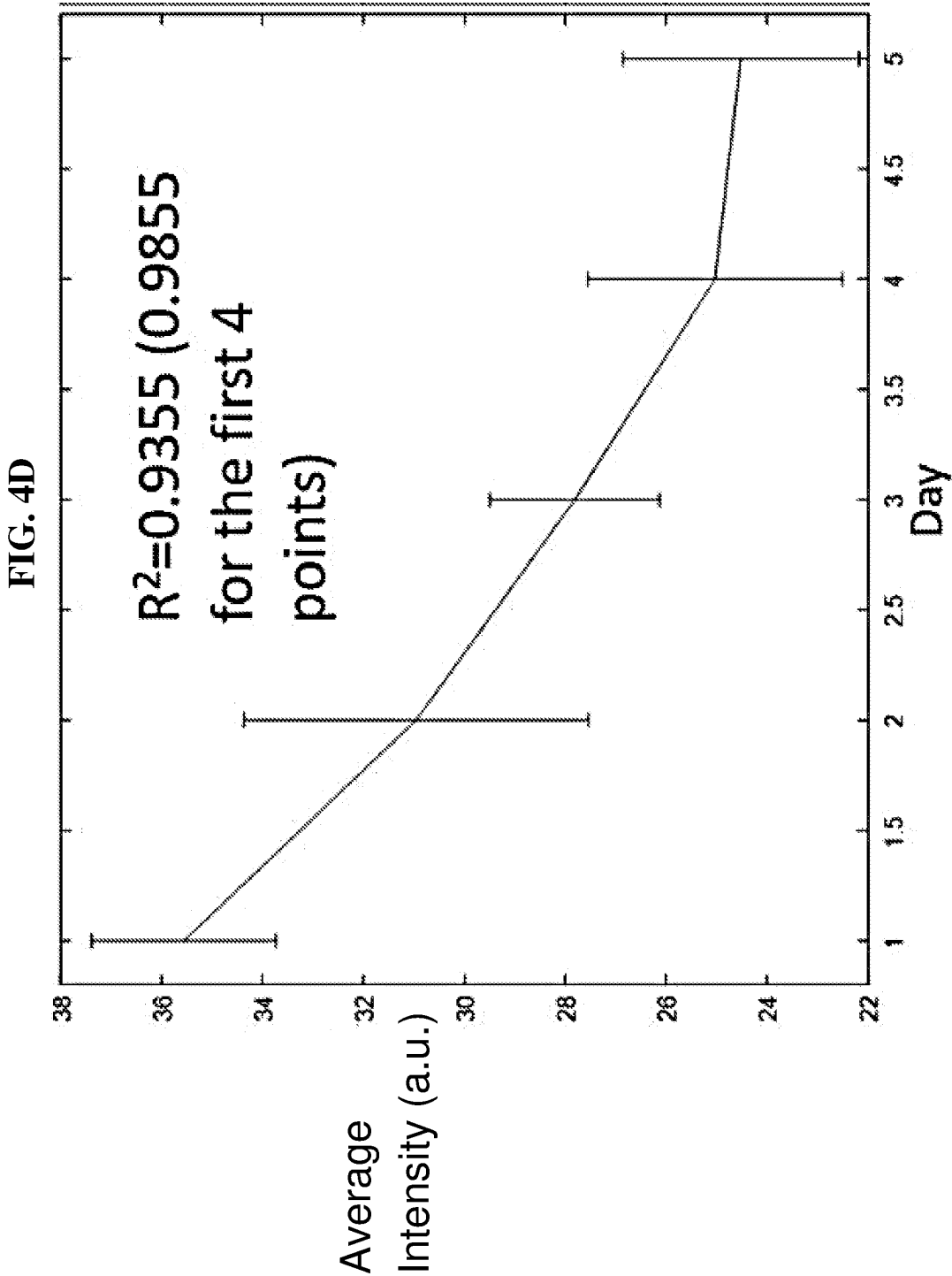


FIG. 4E

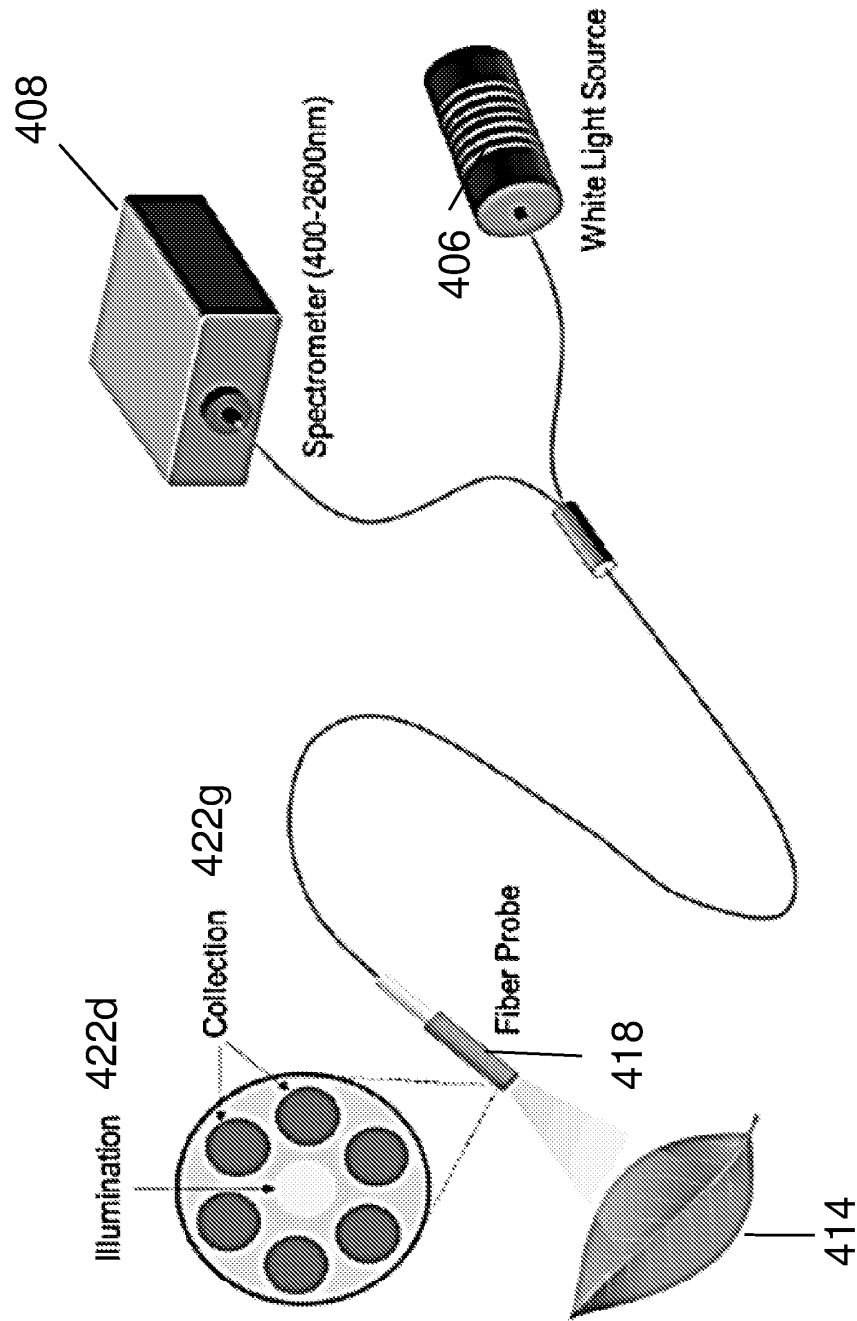


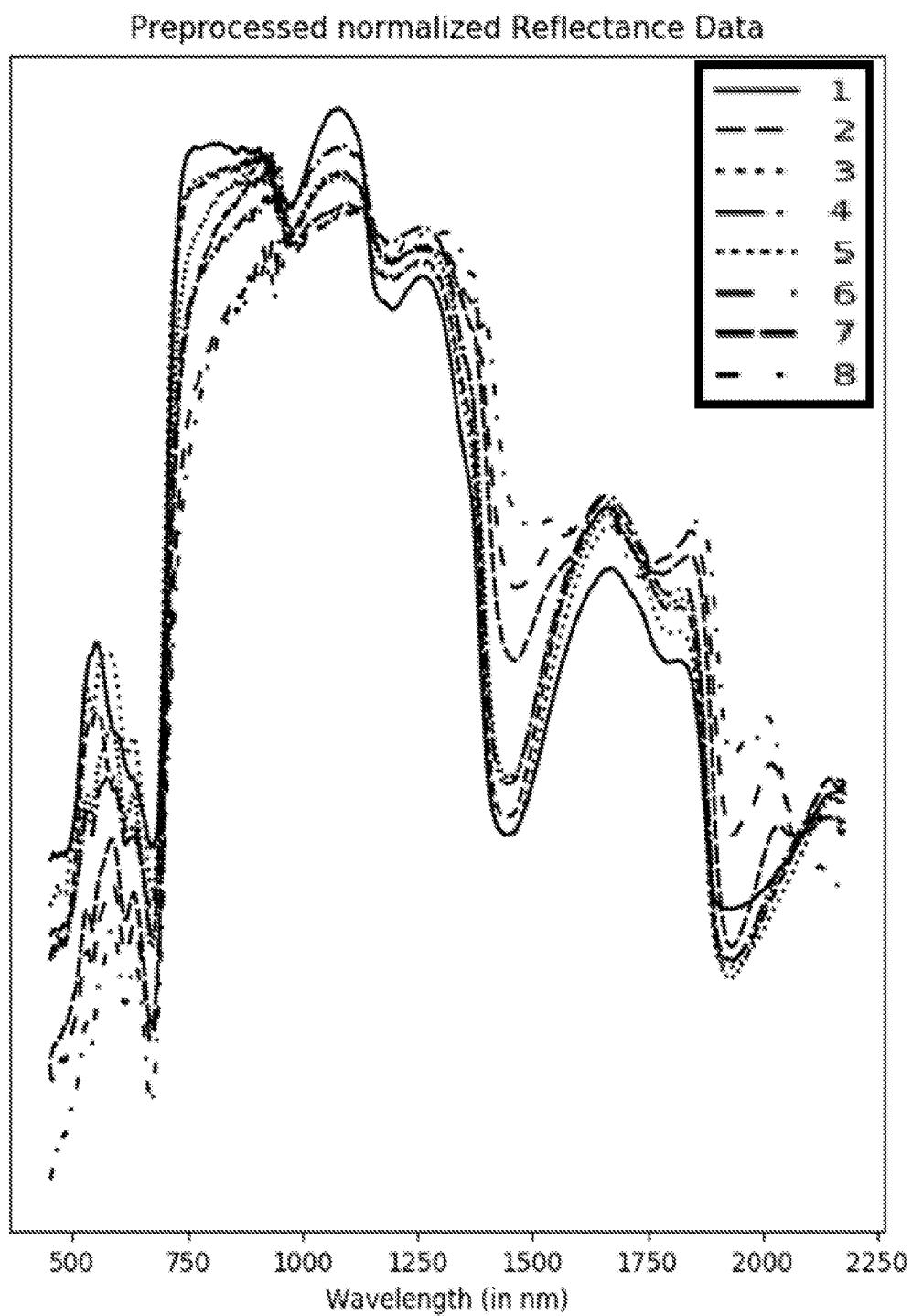
FIG. 4F

FIG. 4G

Weight
(in grams)

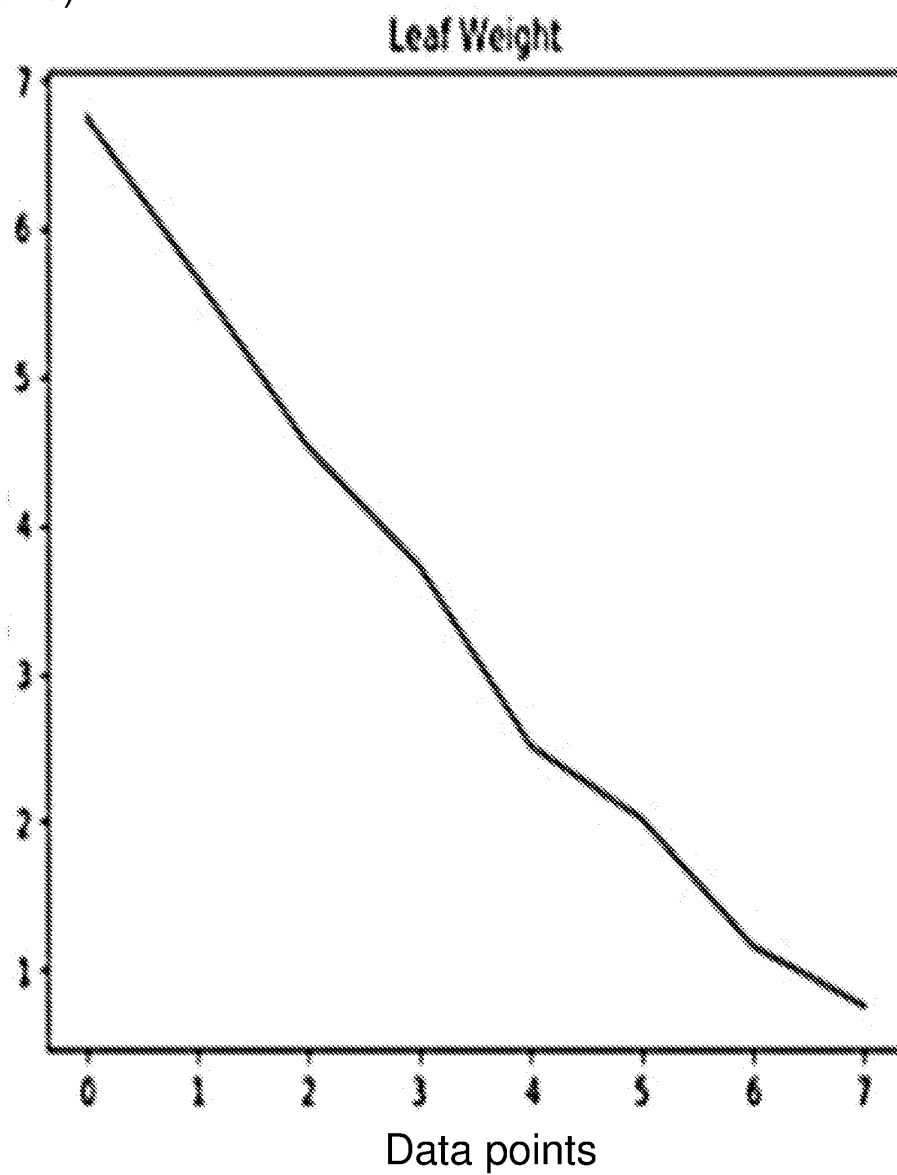


FIG. 4H

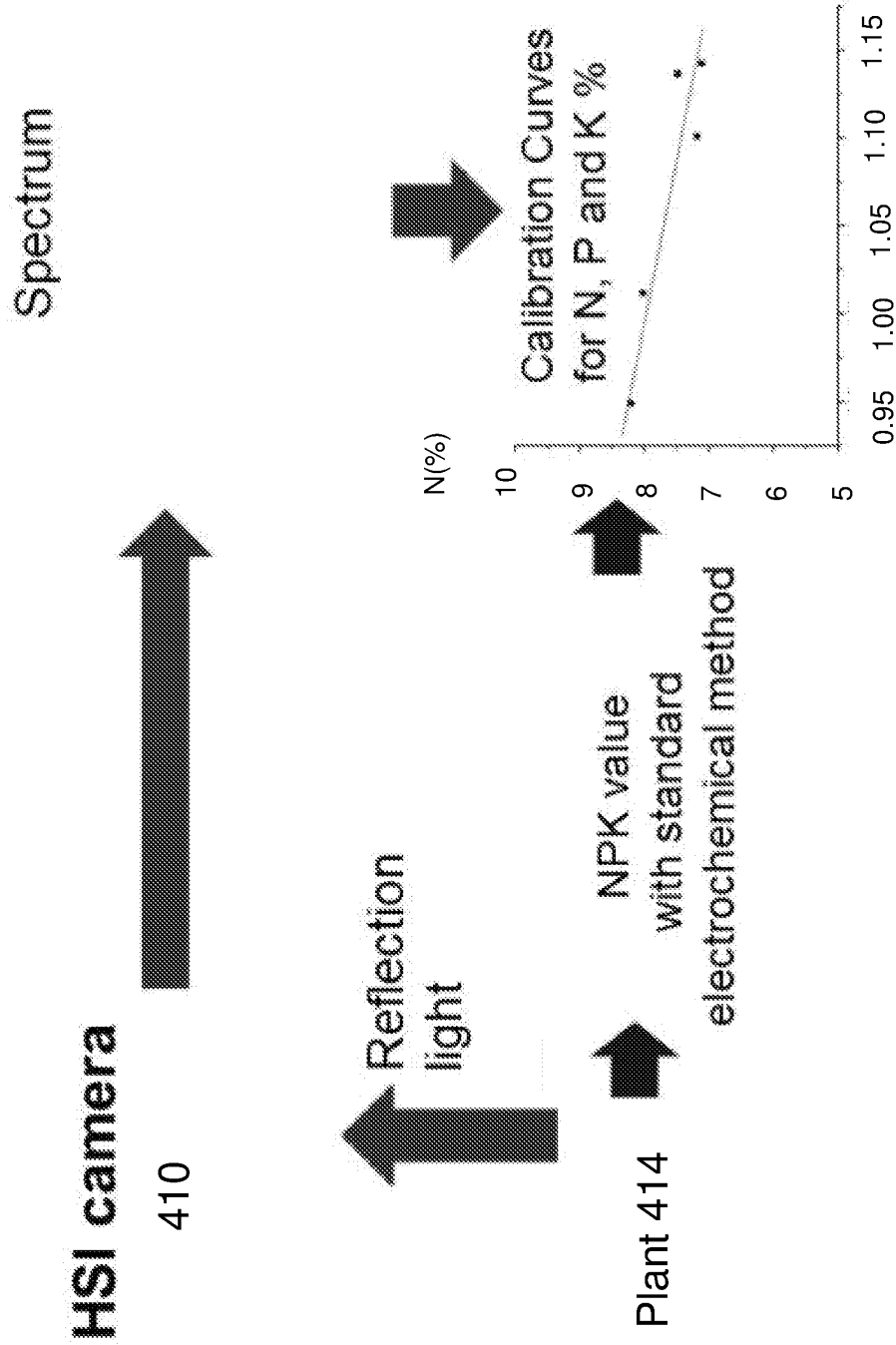


FIG. 4I

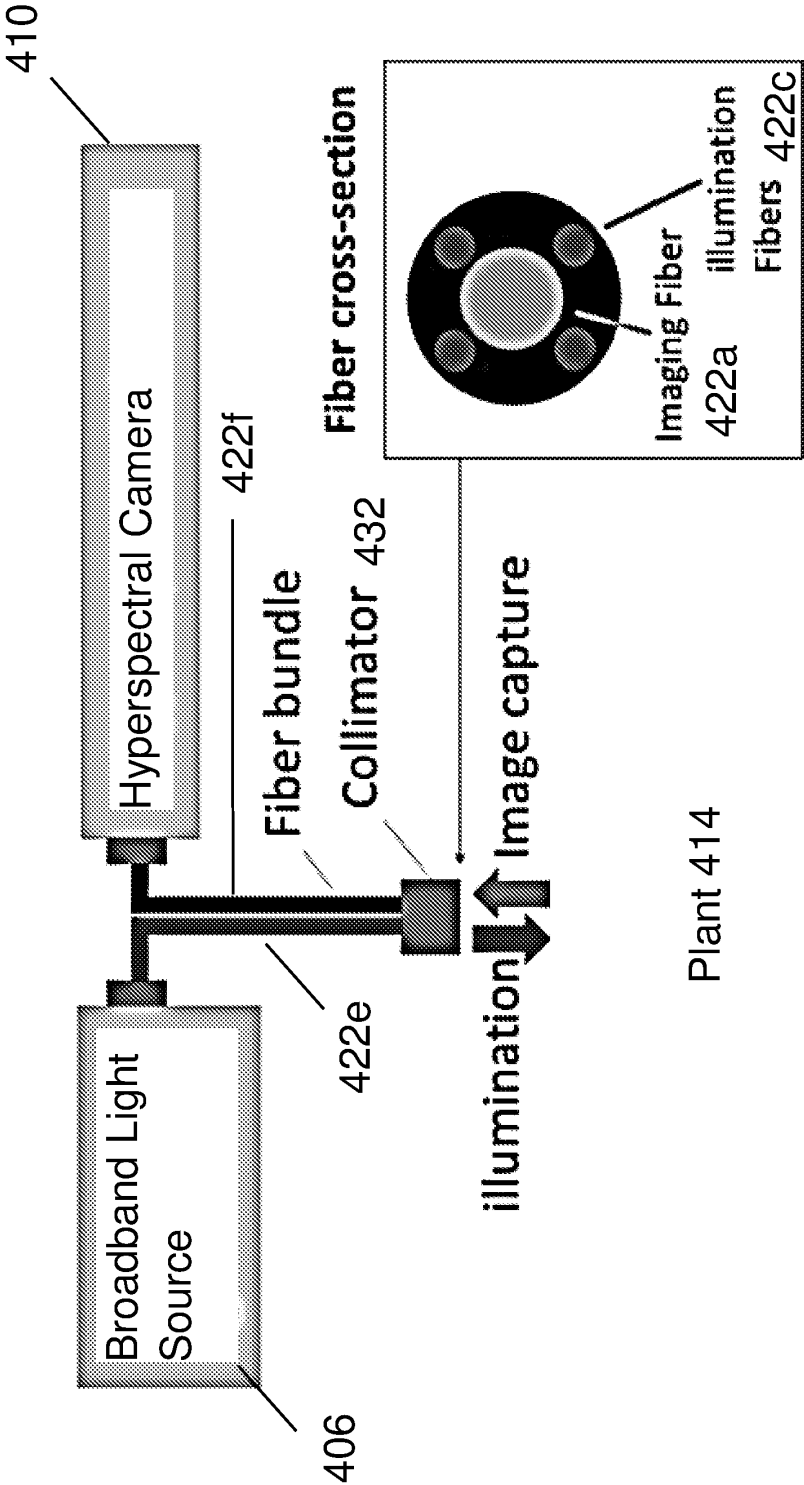


FIG. 4J

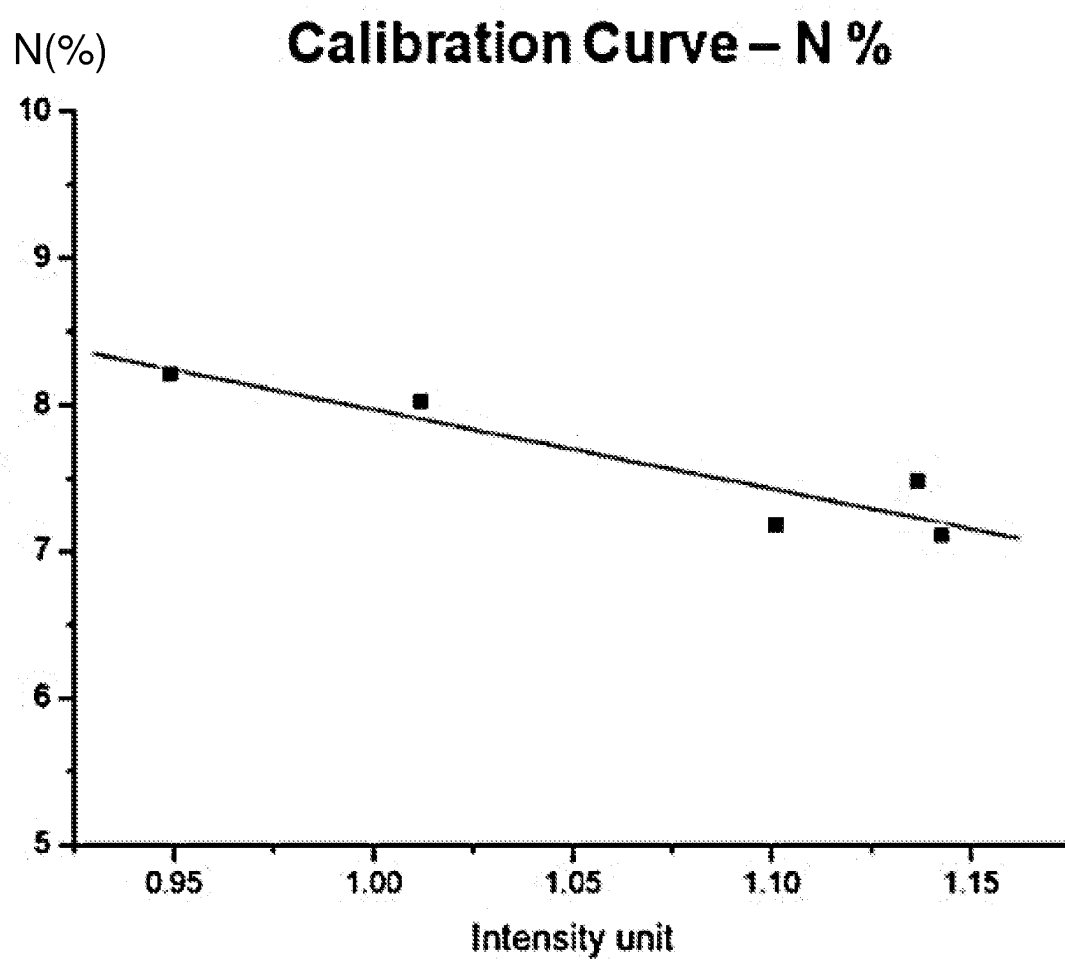


FIG. 4K

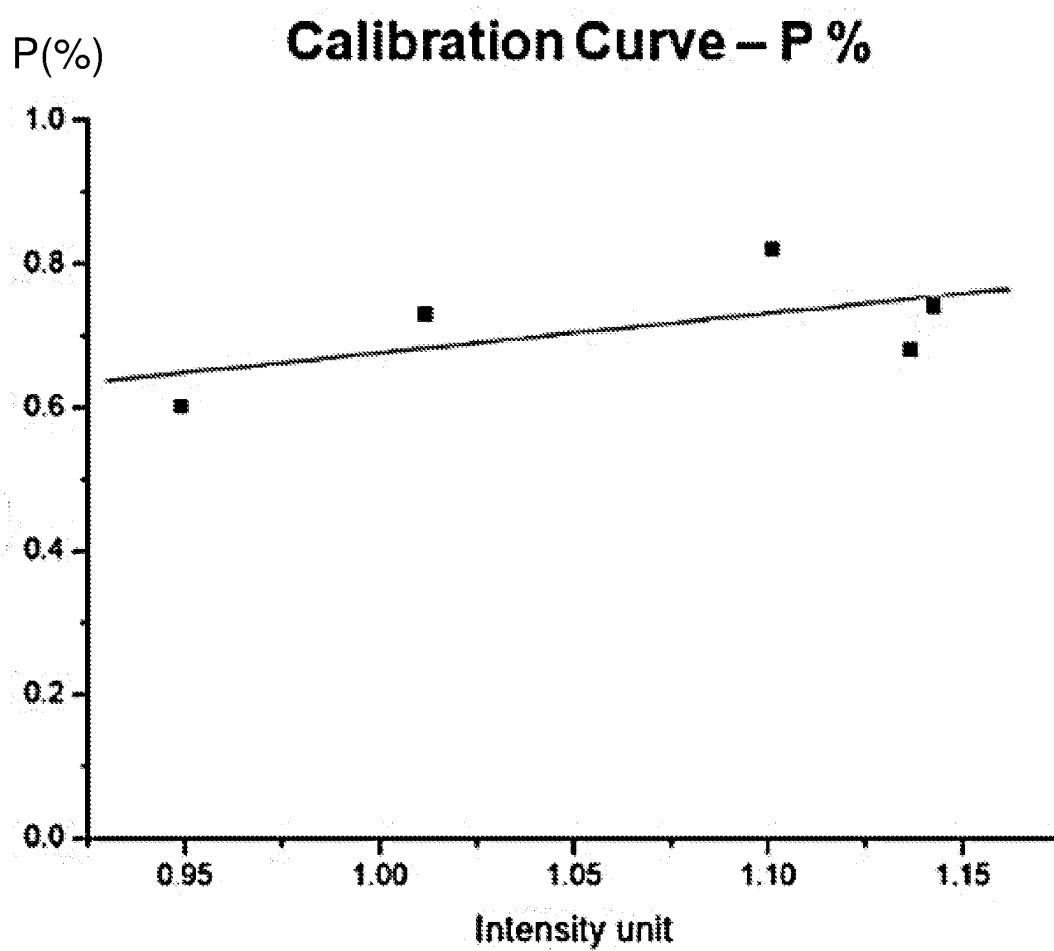


FIG. 4L

