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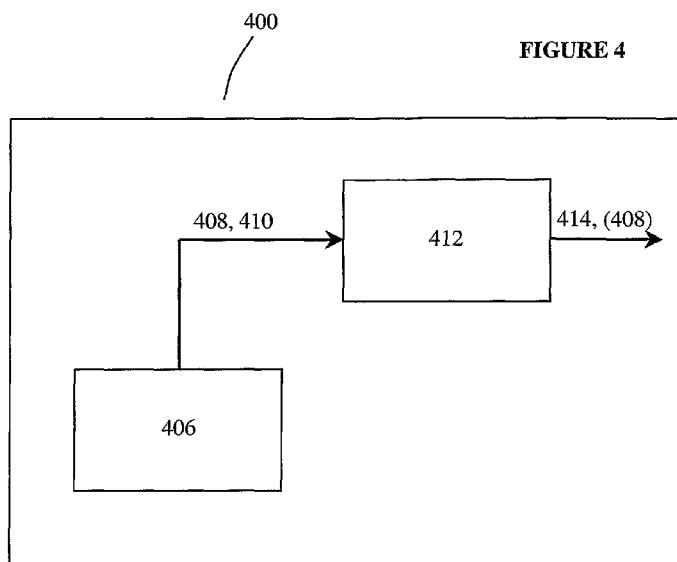
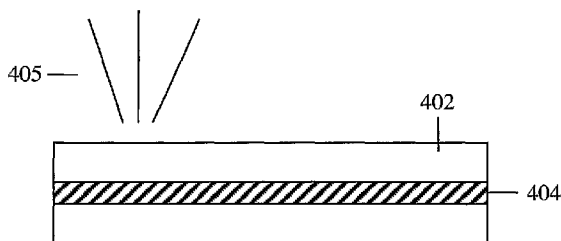


FIGURE 4



(57) Abstract: An apparatus for analysing a fluorescent sample disposed on a substrate comprises a first processor for producing first and second electrical signals derived from respective first and second light signal components received from a sample and from a substrate. The apparatus produces the first and second electrical signals such that there is a phase difference between phases of the first and second electrical signals. The apparatus comprises a control circuit for producing an attenuation signal for attenuating the second electrical signal.

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