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(54) Title: LIGHT-ACTIVATED TWO-COMPONENT PROTEIN BINDING MATRIX

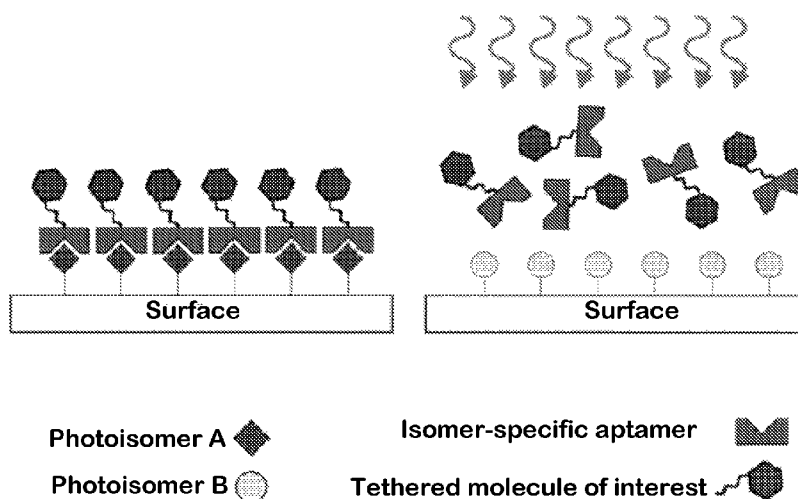


FIG. 1C

(57) Abstract: A binding pair for chromatographic separation or purification of a molecule of interest, where one binding member of the pair is an isomerizable organic molecule and the other binding member of the pair is an isomer-specific affinity agent bound to a molecule of interest. The binding pair associates and disassociates upon exposure to a binding agent, such as using light, decreased intensity of light, darkness, heat, stress, ions, an isomerizable affinity agent, change in pH, or a combination thereof.



— with sequence listing part of description (Rule 5.2(a))