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(54) Title: EPIDERMAL BIOSENSOR

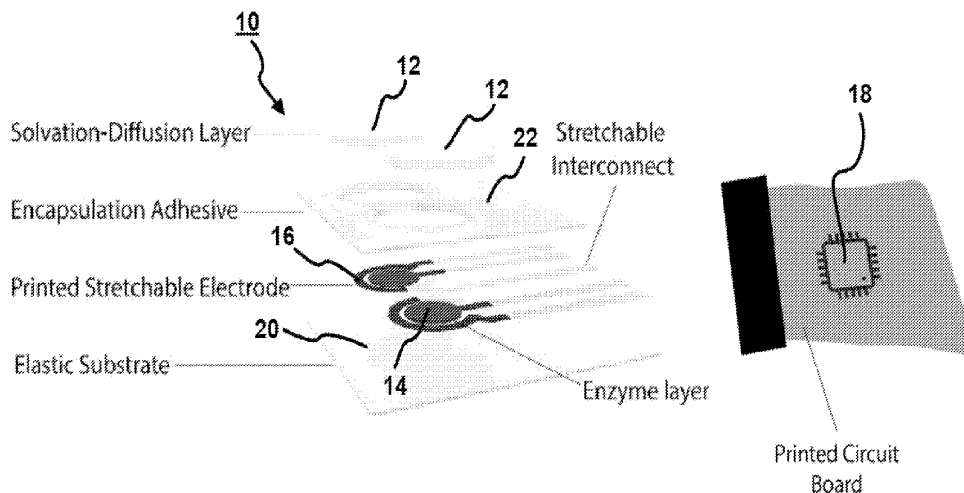


FIG. 1

(57) Abstract: An epidermal biosensor (10) is provided. The epidermal biosensor (10) includes a diffusion layer (12) operable to dissolve a solid-phase epidermal analyte, an enzymatic bioreceptor (14) operable to oxidise the dissolved epidermal analyte from the diffusion layer (12), a transducer (16) having an interface with the diffusion layer (12), a processor (18) configured to process electrochemical data from the transducer (16), and a substrate (20) to which the enzymatic bioreceptor (14) and the transducer (16) are attached.

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