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(54) Title: ELASTIC WEARABLE SENSOR

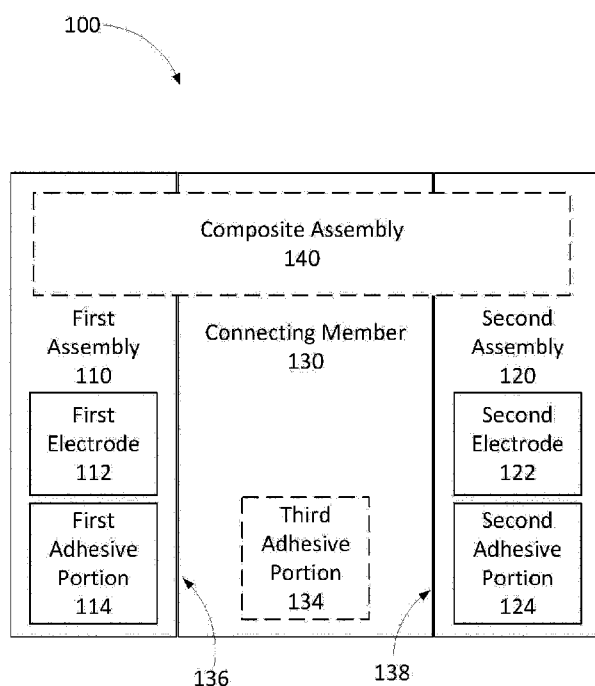


FIG. 1

(57) **Abstract:** In some embodiments, a system includes a first assembly, a second assembly, and a connecting member. The first assembly includes a first electrode and a first adhesive portion. The first assembly is configured to be coupled to a surface of a patient via the first adhesive portion. The second assembly includes a second electrode and a second adhesive portion. The second assembly is configured to be coupled to the surface of the patient via the second adhesive portion. The connecting member has a first end coupled to the first assembly and a second end coupled to the second assembly. The connecting member is configured to transition between a first configuration and a second configuration and may be configured to be coupled to the surface of the patient via a third adhesive portion in both the first configuration and the second configuration.

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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Information on patent family members

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

Electrode assembly comprising a connecting member having an adhesive portion.

2. claims: 10-12

Electrode assembly comprising a composite assembly including a processor and a composite board having a flexible portion.

3. claims: 13-16

Electrode assembly comprising a composite assembly having a flexible portion having a plurality of layers, each layer having a conductor.
