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(54) Title of the invention: SYSTEM TO PROVIDE ASSISTANCE IN AUTISM SPECTRUM DISORDER

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(57) Abstract:

The present disclosure pertains to a system (100) to assist a subject having autism and facilitates in enhancing physiological capacity of the subject. The system (100) includes a device (102) adapted to be coupled to a spectacle worn by the subject, the device (102) includes an image acquisition unit (104) configured to capture images of person interacting to the subject to detect emotions of the person to assist the subject in interaction, a first set of sensors (106) configured to sense heart rate value of the subject and provides sound therapies when the heart rate is not normal, a second set of sensors (108) configured to detect head movement of the subject while focusing on one or more objects to track attention span of the subject. Also, the system (100) assists the subject in characters recognition and practicing the characters by displaying the character on a display unit (114).

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