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- (71) **Applicant:** NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
- (72) **Inventors:** SOE Ni Ni; c/o NEC Asia Pacific Pte. Ltd., 80, HYFLUX INNOVATION CENTRE, BENDEMEER

ROAD, #05-01/02, 339949 (SG). **CHOY Charles**; c/o NEC Asia Pacific Pte. Ltd., 80, HYFLUX INNOVATION CENTRE, BENDEMEER ROAD, #05-01/02, 339949 (SG). **GOMEZ Elaine**; c/o Changi General Hospital Pte. Ltd., 2, SIMEI STREET 3, 529889 (SG). **TAN Fiona Min Fang**; c/o Changi General Hospital Pte. Ltd., 2, SIMEI STREET 3, 529889 (SG).

- (74) **Agent:** IEIRI Takeshi; HIBIKI IP Law Firm, Asahi Bldg. 5th Floor, 3-33-8, Tsuruya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210835 (JP).

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- (54) **Title:** METHOD AND SYSTEM FOR MOTOR FUNCTION REHABILITATION AND MONITORING A PATIENT'S RECOVERY

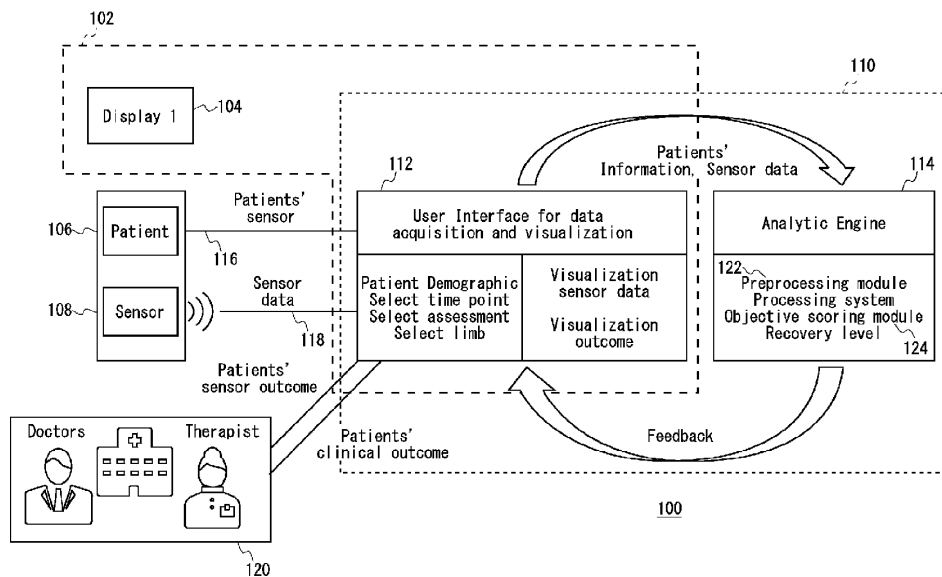


Fig. 1

- (57) **Abstract:** A method and system for monitoring and determining progress of a patient's rehabilitative treatment are provided. The system includes a patient output device, a plurality of sensory devices and a processing means. The patient output device displays visual and/or presents auditory instructions to the patient. The plurality of sensory devices sense physiological performance and body portion movement while the patient moves two or more portions of the patient's body in response to the visual and/or auditory instructions. The processing means generates first data in response to the sensed movement of a first portion of the patient's body, generates second data in response to the sensed movement of a second portion of the patient's body, and determines an objective functional recovery level representing the patient's rehabilitative treatment progress in response to all of a manifested category, a latent category and a significant category of the first data and the second data.

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