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[Continued on next page]

(54) **Title:** MODULAR MOBILE INSPECTION VEHICLE

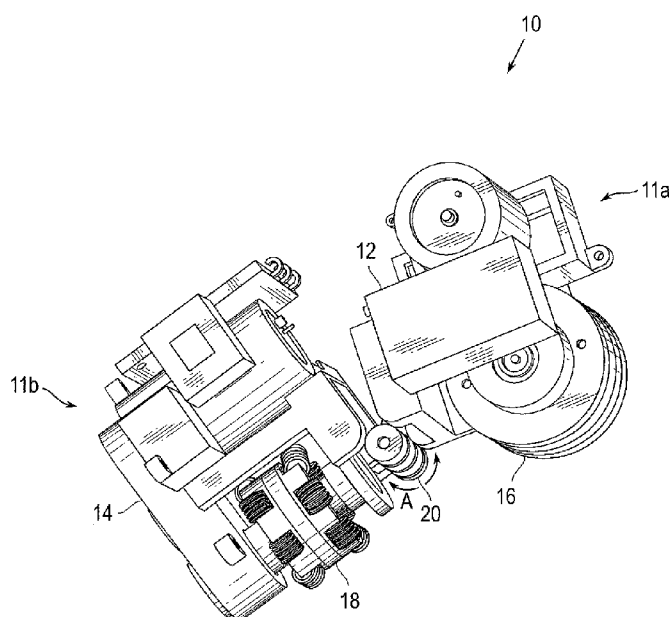


Fig. 1A

(57) **Abstract:** A modular inspection vehicle having at least first and second motion modules is provided. The first and second motion modules are connected to a chassis. The first motion module includes a first wheel mounted to the chassis. The second motion module includes second wheel mounted to the chassis, the second wheel being at an angle to the first wheel. The vehicle further includes a navigation module configured to collect position data related to the position of the vehicle, an inspection module configured to collect inspection data related to the vehicle's environment, and a communication module configured to transmit and receive data. The vehicle can also include a control module configured to receive the inspection data and associate the inspection data with received position data that corresponds to the inspection data collect at a corresponding position for transmission via the communication module.



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