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(54) Title: SYSTEMS AND METHODS FOR MULTI-SECTIONAL SHOW ROBOT

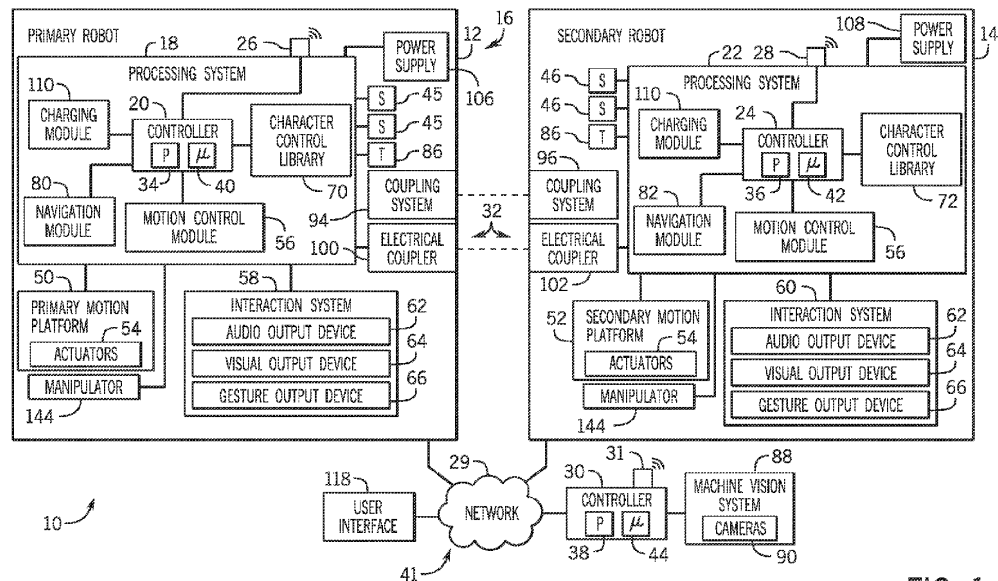


FIG. 1

(57) **Abstract:** A robotic system 10 includes a multi-sectional show robot 16. The multi-sectional show robot 16 includes a primary robot 12 with a controller 20 and one or more sensors 45. The one or more sensors 45 are configured to acquire feedback indicative of an environment surrounding the primary robot 12. The multi-sectional show robot also includes a secondary robot 14 configured to removably couple to the primary robot 12 to transition the multi-sectional show robot 16 between a disengaged configuration, in which the primary robot 12 is decoupled from the secondary robot 14, and an engaged configuration, in which the primary robot 12 is coupled to the secondary robot 14. The controller 20 is configured to operate the primary robot 12 based on the feedback and a first control scheme with the multi-sectional show robot 16 in the disengaged configuration and to operate the primary robot 12 based on a second control scheme with the multi-sectional show robot 16 in the engaged configuration.

[Continued on next page]

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