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- (71) Applicant (for all designated States except US): **CELER-INT, LLC.** [US/US]; 767 Third Avenue, 14th Floor, New York, New York 10017 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **ROBERTS Jr., Howard H.** [US/US]; 4519 Avenue D., Austin, Texas 78751 (US).
- (74) Agents: **BERNSTEIN, Bruce H.** et al.; Greenblum & Bernstein, P.L.C., 1950 Roland Clarke Place, Reston, Virginia 20191 (US).

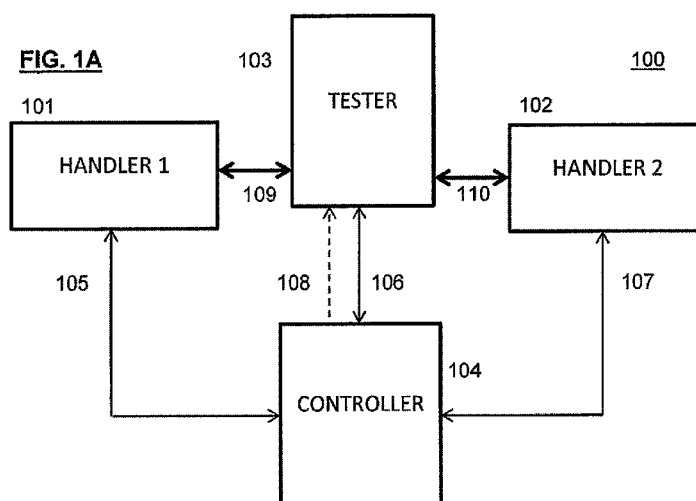
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(54) Title: METHOD AND SYSTEM FOR UTILIZING STAND-ALONE CONTROLLER IN MULTIPLEXED HANDLER TEST CELL FOR INDEXLESS TANDEM SEMICONDUCTOR TEST



(57) Abstract: A system and method utilize a stand-alone controller for a multiplexed handler test cell in automated and robotic semiconductor test equipment for indexless tandem semiconductor testing. The stand-alone controller is configured such that functions relating to both the handler drivers and the data post-processor of the multiplexed handler tested cell are included within the stand-alone controller. The system and method also include provisions for using a virtual multiplexed handler test cell in a preliminary stage prior to actual implementation of the actual multiplexed handler test cell. This configuration permits the stand-alone controller to control the functions of the multiplexed handlers and to coordinate their activity with the tester.