

METHOD AND APPARATUS FOR FACILITATING PART VERIFICATION**ABSTRACT**

A system includes a set of automated arms. Each automated arm includes a holder configured to support a portion of a part, with the set including a quantity of automated arms and holders sufficient for verifying a complex geometry of the part. The automated arms are configured to move the holders into respective verification positions. The system also includes a computing device that includes memory that stores a plurality of predefined automated arm configurations. Each automated arm configuration includes holder verification positions to support portions of a part having a respective complex geometry. The computing device is configured to manipulate the set of automated arms to implement the holder verification positions of a selected one of the automated arm configurations.

FIG. 2