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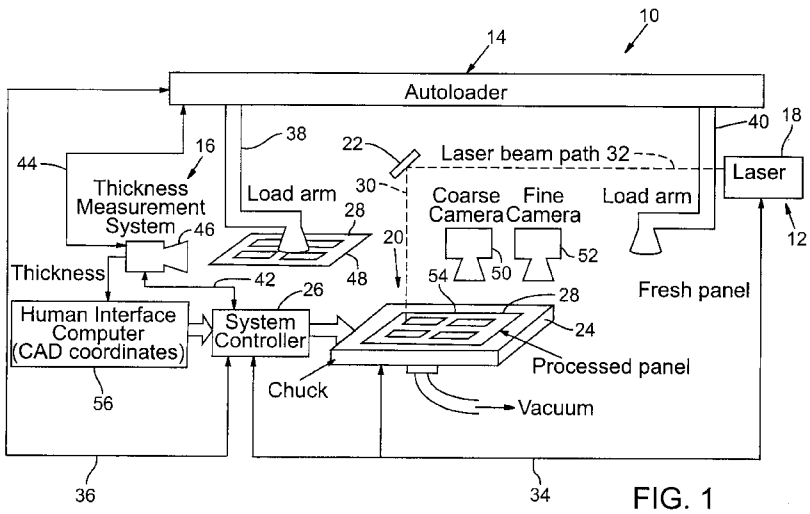

FIG. 1

(57) Abstract: To better address these problems, one or more characteristics are measured from a work piece (28). The measurement information is used to select a preferred predetermined laser processing recipe from a lookup table. The laser processing recipe is then used to process the work piece (28). The lookup table of laser processing recipes can be established from theoretical calculations, from trial an error by an operator, from an automated systematic recipe variation process with post process testing, or from some combination of these or other methods. An automated process can also reduce operator errors and may store measurement values for convenient tracking of work piece characteristics.

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