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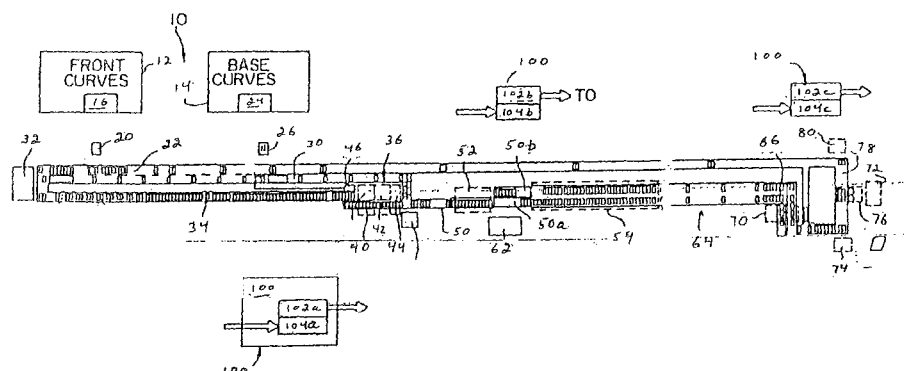
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Declaration under Rule 4.17:

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(54) Title: METHOD AND SYSTEM FOR RECORDING DATA MONITORED DURING THE MANUFACTURE OF MOLDED OPHTHALMIC LENSES



(57) Abstract: These and other objectives are attained with a method and system for recording data monitored during the manufacture of molded ophthalmic lenses. This method comprises the steps of identifying a set of process parameters used in said manufacture, identifying an associated value range for each of the process parameters, and monitoring each of the process parameters during the manufacture of the lenses. If, during the manufacture of one of the ophthalmic lenses, one of the process parameters moves outside the associated value range, then that lens is rejected. However, if, during the manufacture of one of the ophthalmic lenses, all of the process parameters stay within their associated ranges, then that lens is identified as acceptable, and a device history record is made for that lens. This device history record includes a reference code for identifying the set of process parameters. A database, referred to as a shadow table, may be used to protect the integrity of data recorded during, or relating to, the manufacture process. In accordance with this feature, a shadow table is formed, and data items from device history records are copied into the shadow table in response to the occurrence of predefined events. For example, these predefined events may include whenever anyone, or anyone outside a group of identified individuals accesses the device history record to perform predefined operations, such as alter or deleted, on the data in the device history record.



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