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(54) **THREE-DIMENSIONAL MEASURING APPARATUS FOR SCANNING AN OBJECT AND A MEASUREMENT HEAD OF A THREE-DIMENSIONAL MEASURING APPARATUS AND METHOD OF USING THE SAME**

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See application file for complete search history.

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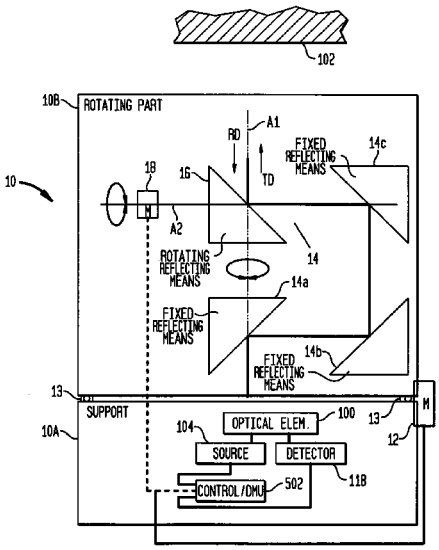
(57) **ABSTRACT**

An improved three-dimensional (3D) measuring apparatus for scanning an object and a measurement head of a measuring apparatus and a method for using the measuring apparatus for scanning an object.

18 Claims, 6 Drawing Sheets