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(54) **HUMERAL CUT GUIDE**

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(52) **U.S. Cl.**

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(58) **Field of Classification Search**

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See application file for complete search history.

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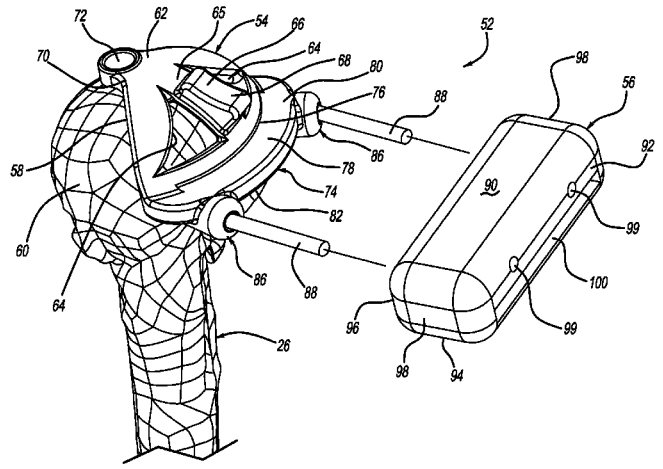
(57) **ABSTRACT**

A humeral cut guide system for resectioning or resurfacing a humeral head. The humeral cut guide system includes a primary cut guide member configured to be removably coupled to the humeral head. The primary cut guide member includes a patient-specific bone-engaging surface, a primary elongate slot that defines a primary cutting plane, and a pair of cylindrical apertures configured to receive a pair of guide pins. A secondary cut guide member includes a pair of through-holes configured to mate with the pair of guide pins, and the secondary cut guide member includes a secondary elongate slot that defines a secondary cutting plane.

27 Claims, 13 Drawing Sheets