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(54) Title: PATIENT-SPECIFIC ARTHROPLASTY SYSTEM

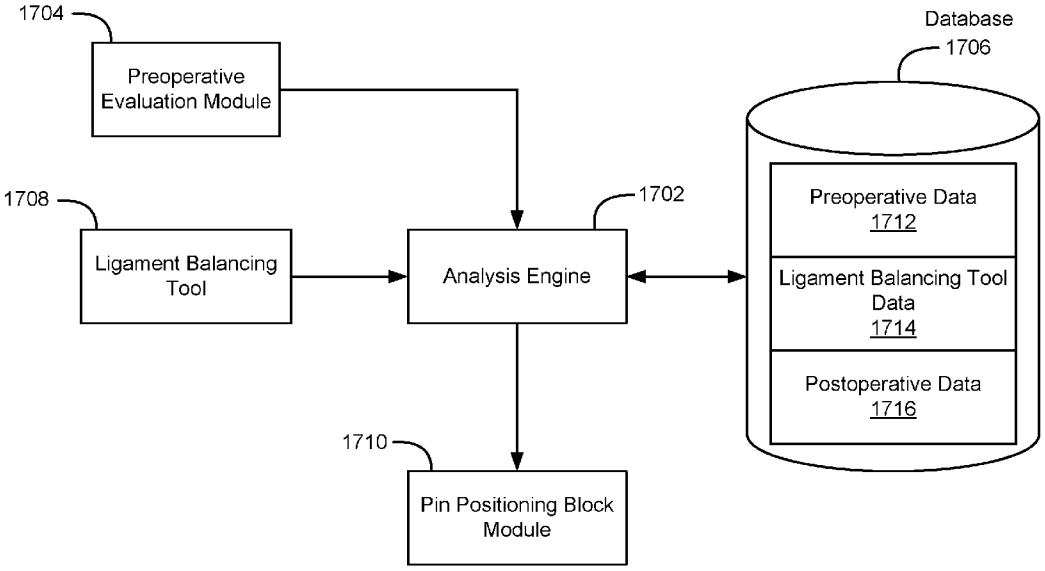


Fig. 17

(57) **Abstract:** A patient-specific arthroplasty system comprising a database comprising preoperative data, ligament balancing tool data, and postoperative data associated with a plurality of patients, a preoperative evaluation module that receives preoperative data for a given patient, an analysis engine that analyzes the database, receives the preoperative data, and generates a surgical recommendation based on the preoperative data of the given patient and the analysis of the database, and a pin positioning block module that receives the surgical recommendation and determines a pin positioning block based on the surgical recommendation.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2014/013565 A1 (MACDONALD EILEEN B [US] ET AL) 16 January 2014 (2014-01-16) paragraphs [0001], [0010], [0011], [0048], [0063]	1-16
A	US 2017/312099 A1 (PASZICSNYEK THOMAS [AT]) 2 November 2017 (2017-11-02) paragraphs [0020], [0074], [0105]	1-16

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