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FOR TRAINING AND TESTING OF X-RAY IMAGE BASED SURGICAL NAVIGATION SYSTEM

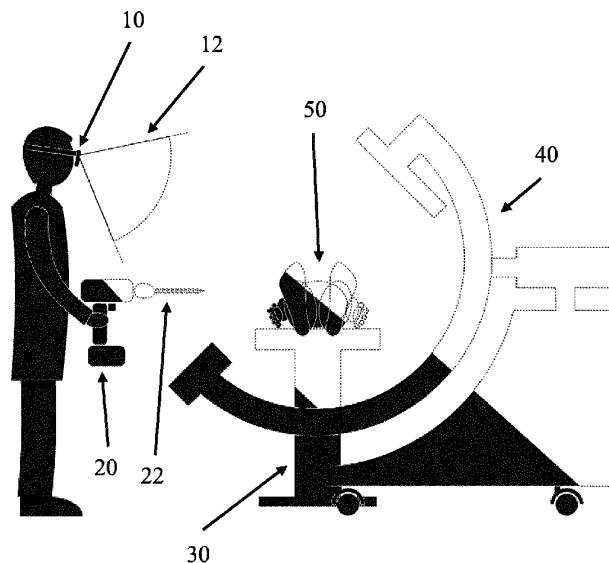


Fig. 1

(57) Abstract: Systems and methods are suggested utilizing an extended reality device as well as a processing unit for executing a computer program product. By means of the extended reality device, objects in a room can be tracked and based on processing of tracking data related to those objects and based on processing of simulated X-ray image data, additional information can be visualized in the field of view of the user. Such systems and methods are adapted to be utilized for training and testing purposes.

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