

SYSTEMS AND METHODS FOR MANAGING ACCESS TO THREE-DIMENSIONAL DATA

ABSTRACT OF THE DISCLOSURE

A method for managing access to three-dimensional data includes receiving input data associated with a user access request for a data set associated with a three-dimensional model to be rendered. The method includes selecting a rendering server from a plurality of rendering servers based at least on a load balancing score for each of the plurality of rendering servers. The load balancing score is based at least on a graphics processing parameter for each of the plurality of rendering servers. The method also includes communicating a request to the selected rendering server to initiate a rendering of the three-dimensional model for display on a user device via a client application.

Fig. 4