

100

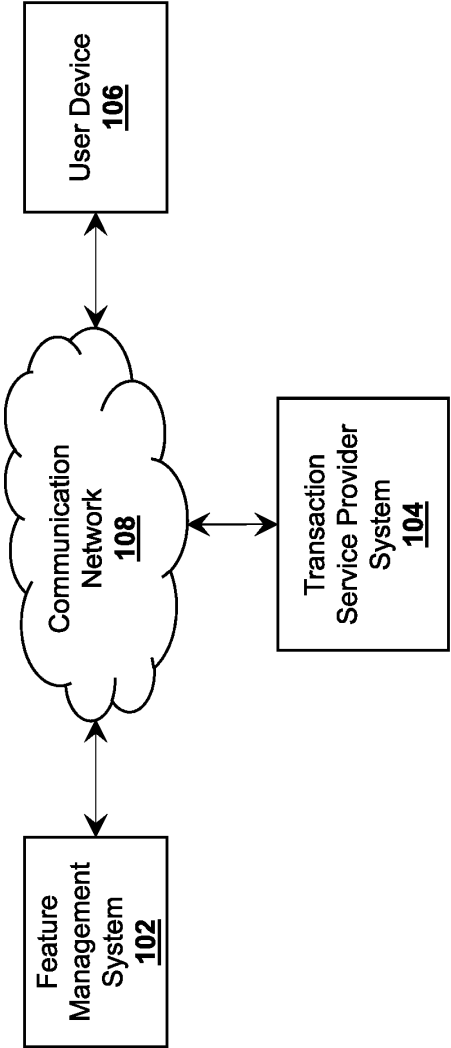


FIG. 1

200

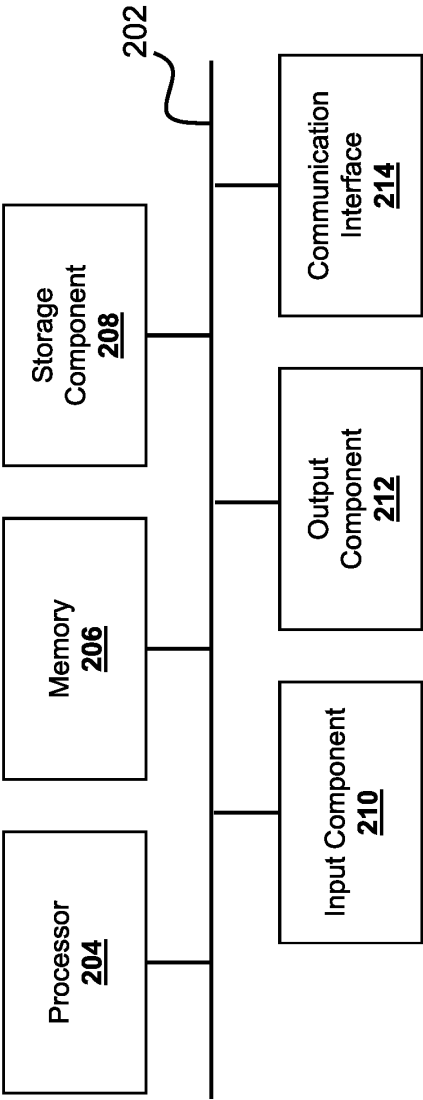


FIG. 2

300

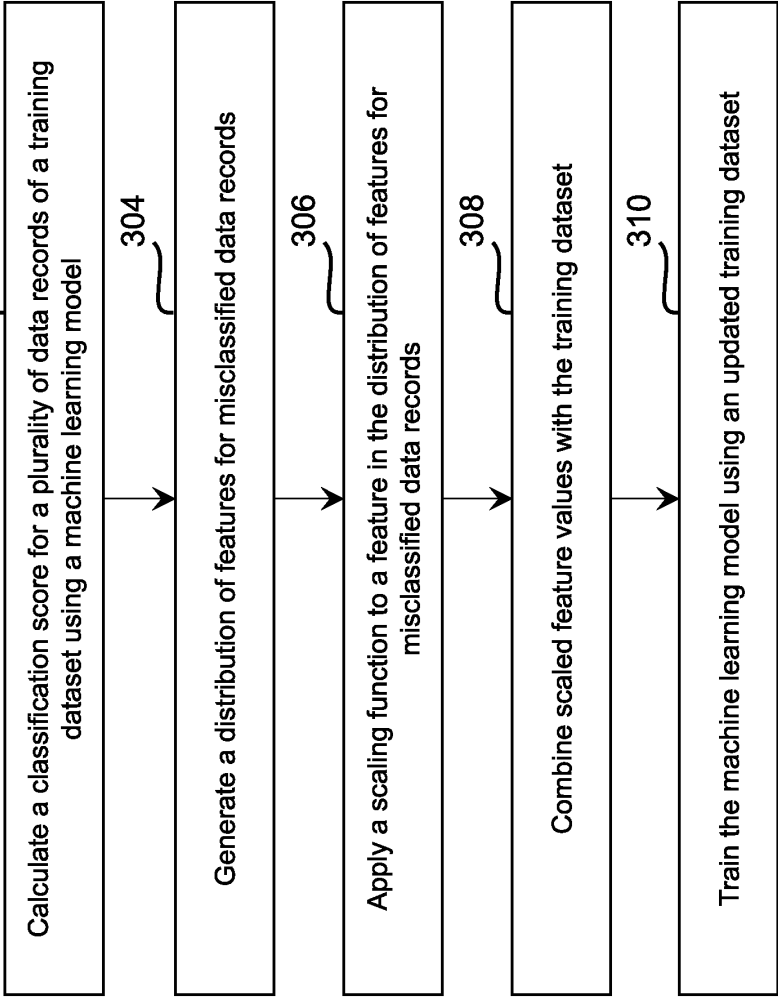


FIG. 3

400

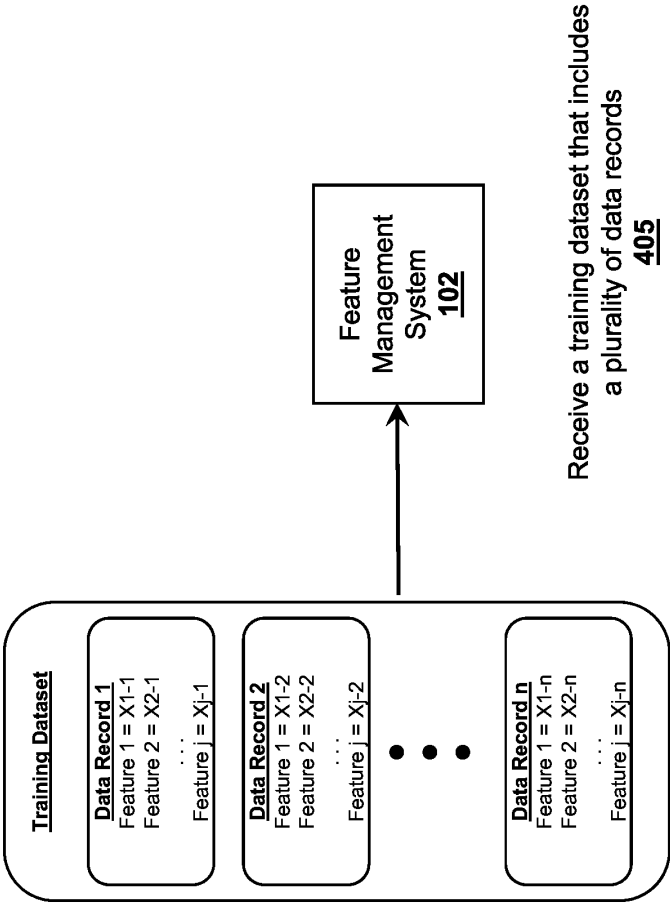
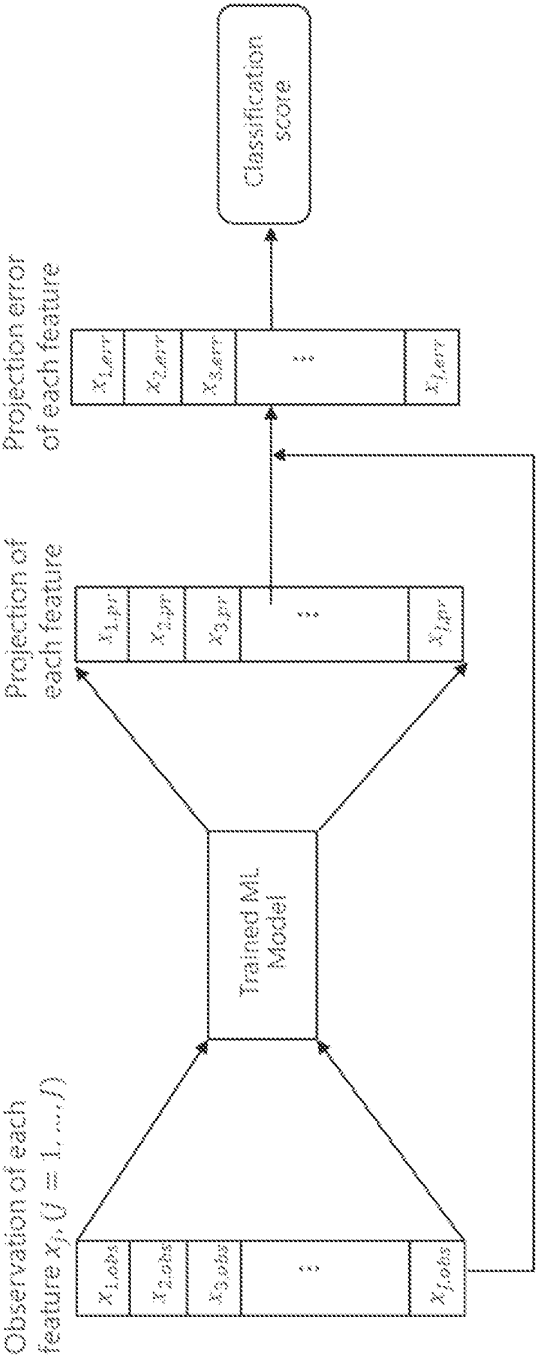


FIG. 4A

400

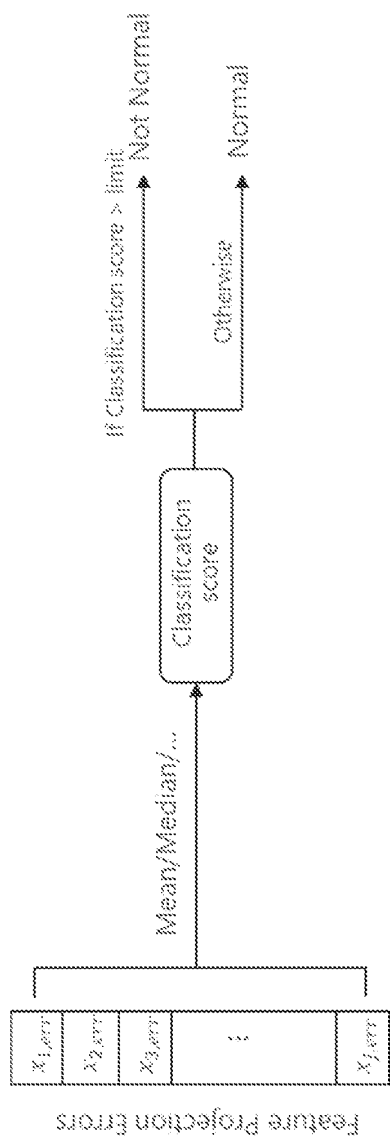


Calculate a classification score for each data record of the plurality of data records 410

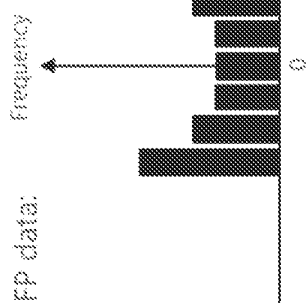


FIG. 4B

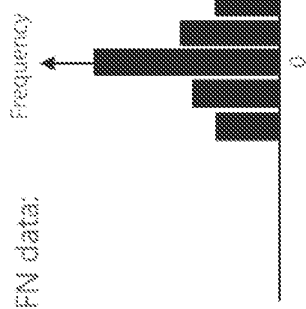
400



239



2000



Determine a distribution of features according to feature projection error for each feature of the plurality of features in a data record

415

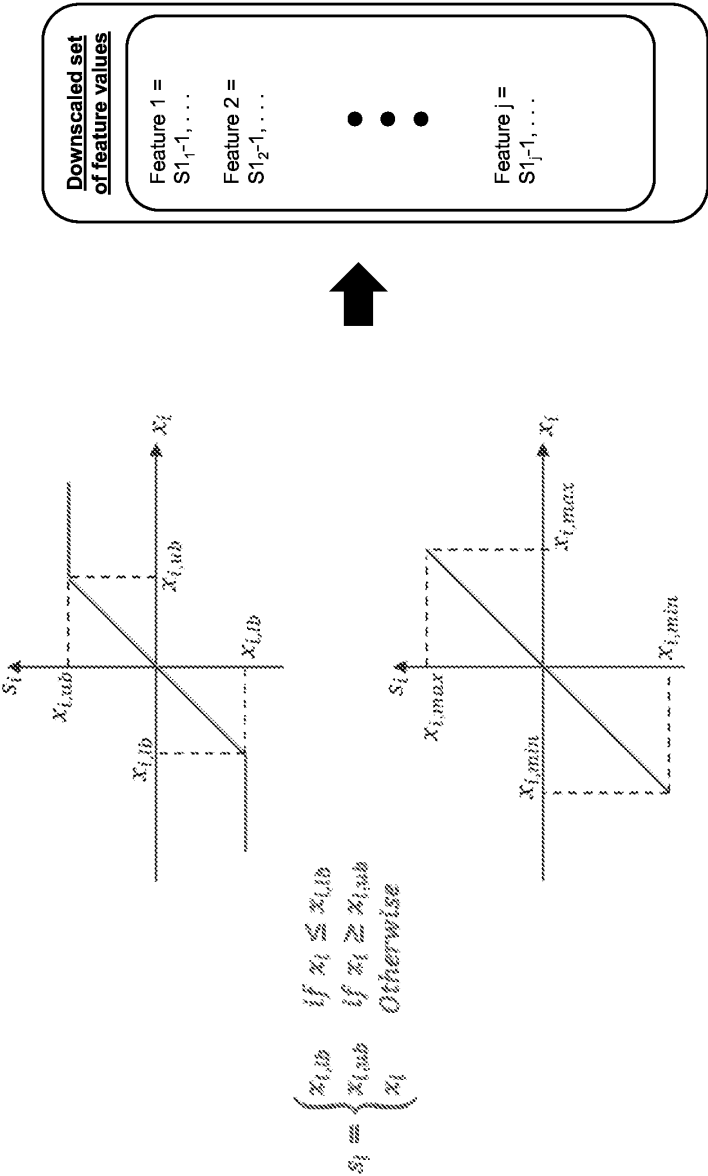
Feature Management System

102

FIG. 4C

400

7/10



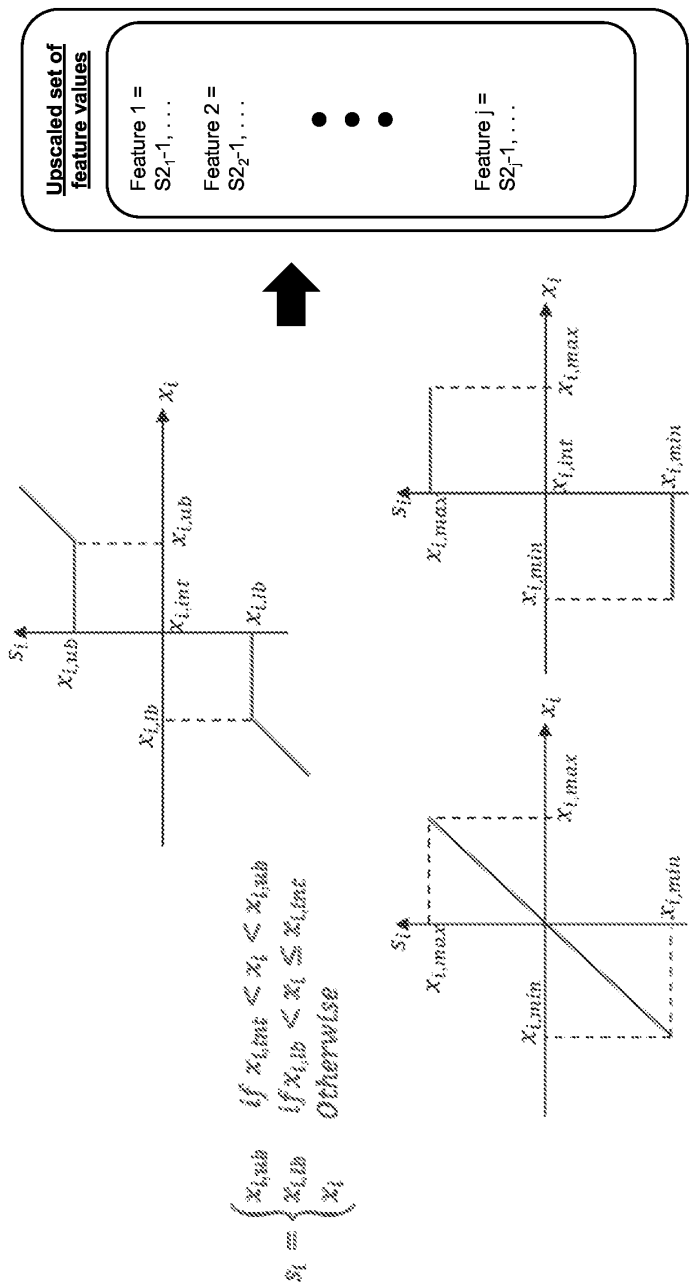
Generate a downscaled set of feature values
425

Feature Management System
102

Apply a downsampling function to each feature value of a feature in the false positive classification distribution
420

FIG. 4D

400



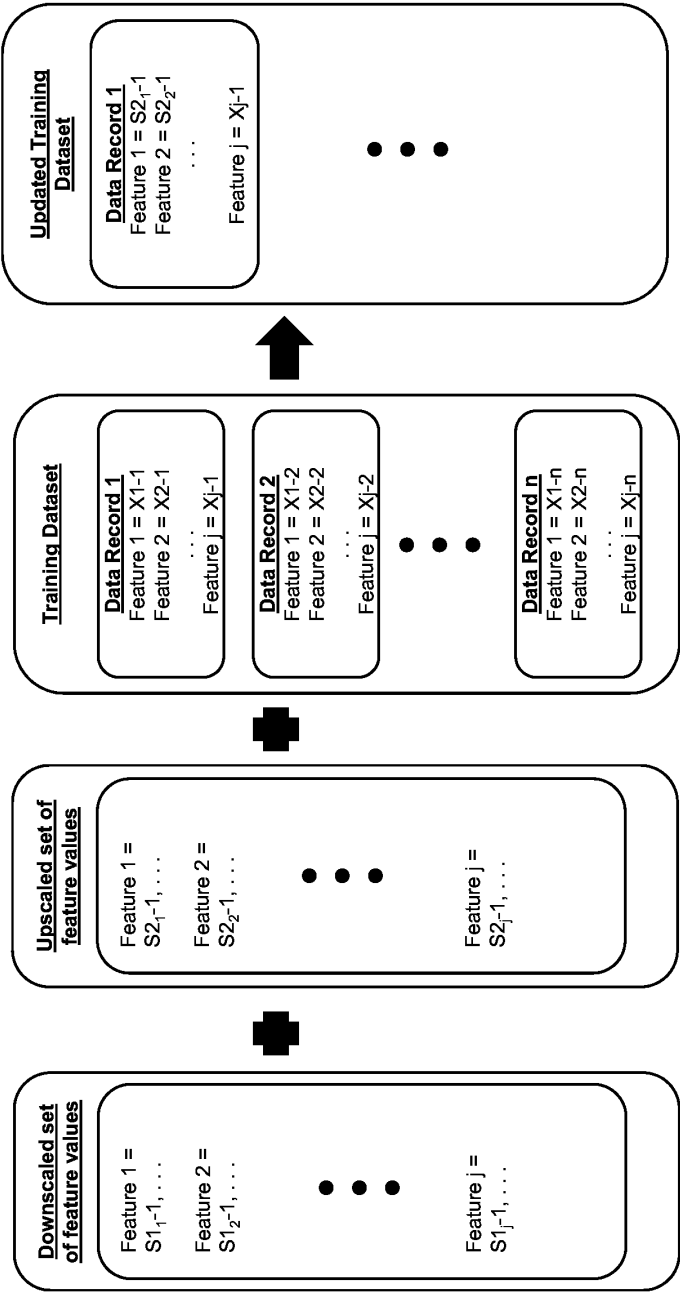
Generate a set of upscaled feature values for a second subset of features of the plurality of features 435

Feature Management System 102

Apply an upscaling function to each feature value of a feature in the false negative classification distribution 430

FIG. 4E

400

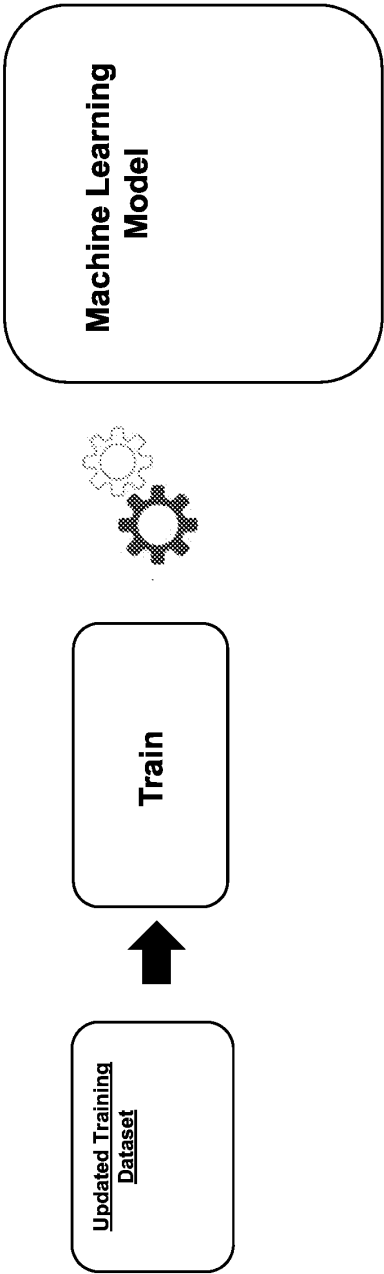


Combine the downscaled set of feature values and the upscaled set of feature values with the training dataset to provide an updated training dataset

440

FIG. 4F

400



Train the trained machine learning model based on the updated training dataset

445

FIG. 4G