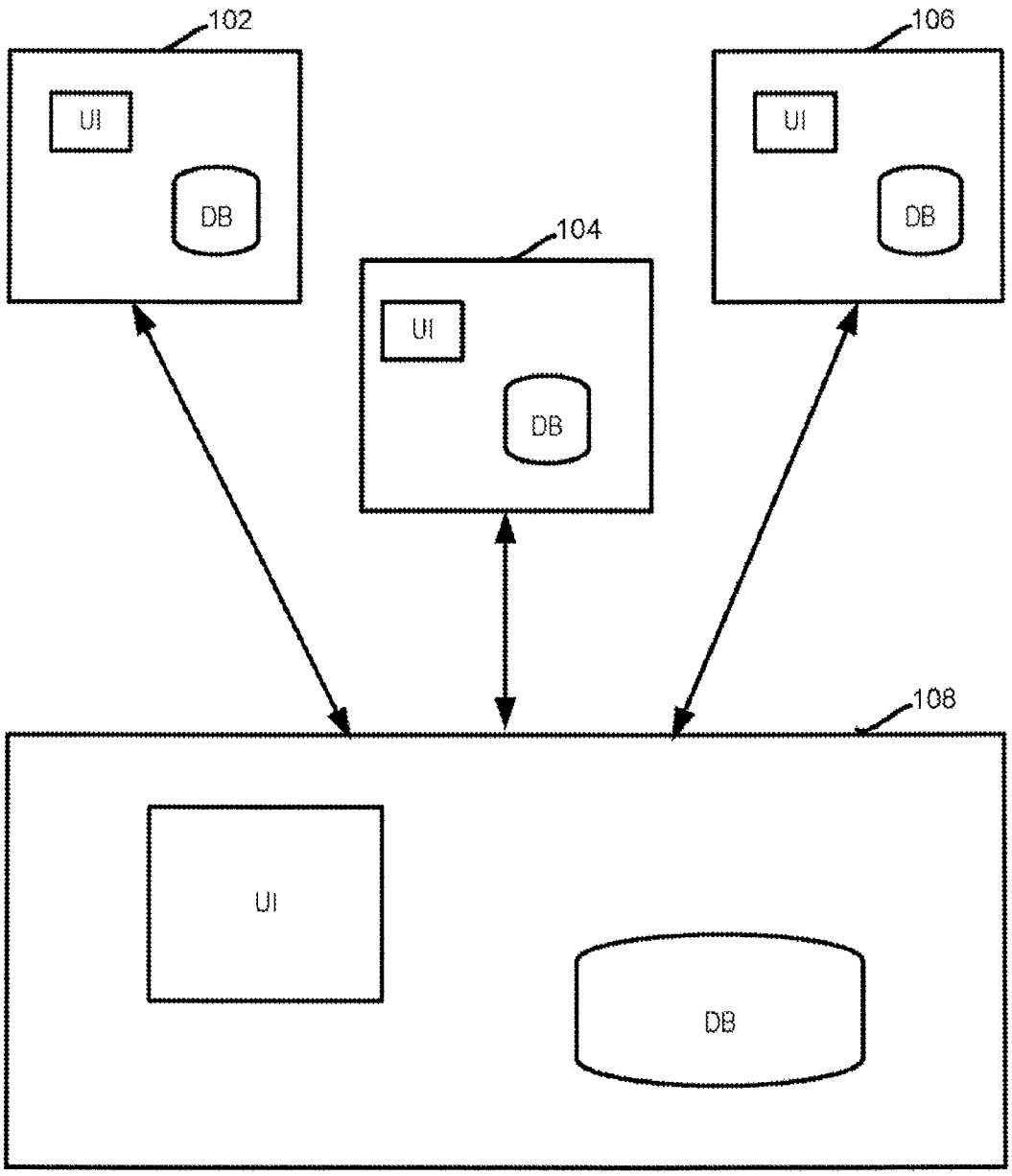


FIGURE 1

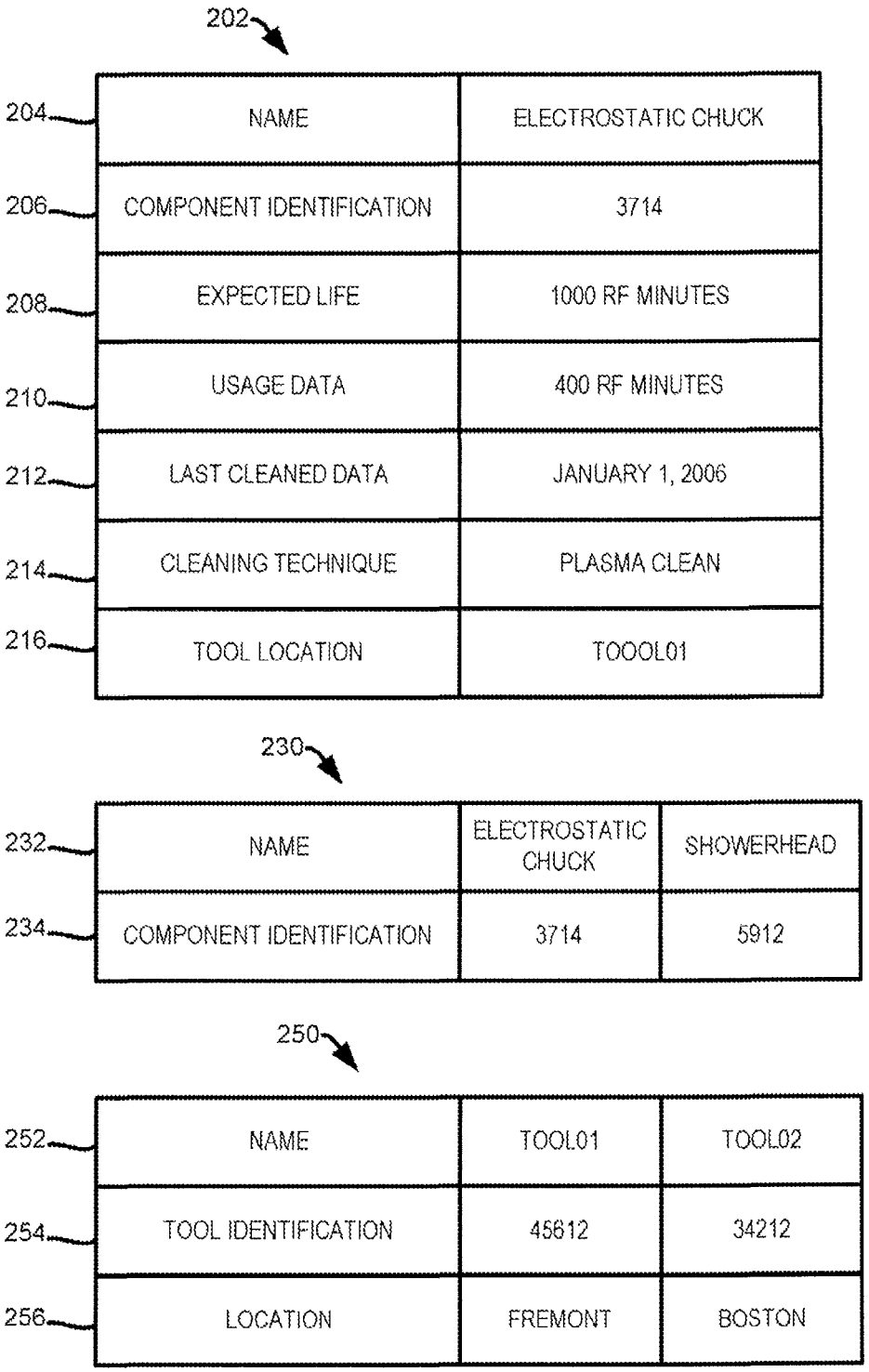

202
204
NAME
ELECTROSTATIC CHUCK
206
COMPONENT IDENTIFICATION
3714
208
EXPECTED LIFE
1000 RF MINUTES
210
USAGE DATA
400 RF MINUTES
212
LAST CLEANED DATA
JANUARY 1, 2006
214
CLEANING TECHNIQUE
PLASMA CLEAN
216
TOOL LOCATION
TOOOL01
230
232
NAME
ELECTROSTATIC CHUCK
SHOWERHEAD
234
COMPONENT IDENTIFICATION
3714
5912
250
252
NAME
TOOL01
TOOL02
254
TOOL IDENTIFICATION
45612
34212
256
LOCATION
FREMONT
BOSTON

FIGURE 2

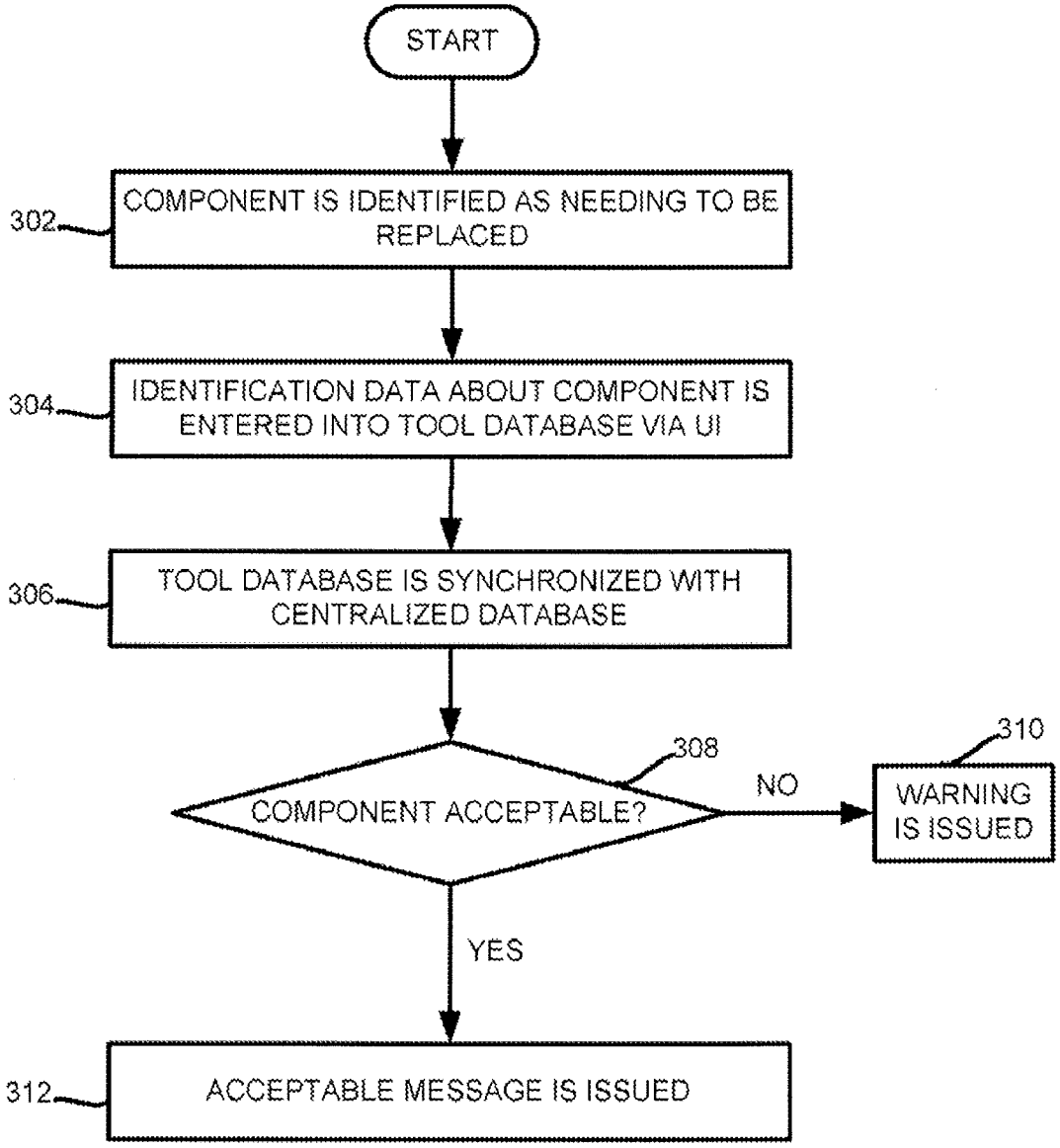

START
302
COMPONENT IS IDENTIFIED AS NEEDING TO BE REPLACED
304
IDENTIFICATION DATA ABOUT COMPONENT IS ENTERED INTO TOOL DATABASE VIA UI
306
TOOL DATABASE IS SYNCHRONIZED WITH CENTRALIZED DATABASE
308
COMPONENT ACCEPTABLE?
NO
310
WARNING IS ISSUED
YES
312
ACCEPTABLE MESSAGE IS ISSUED

FIGURE 3

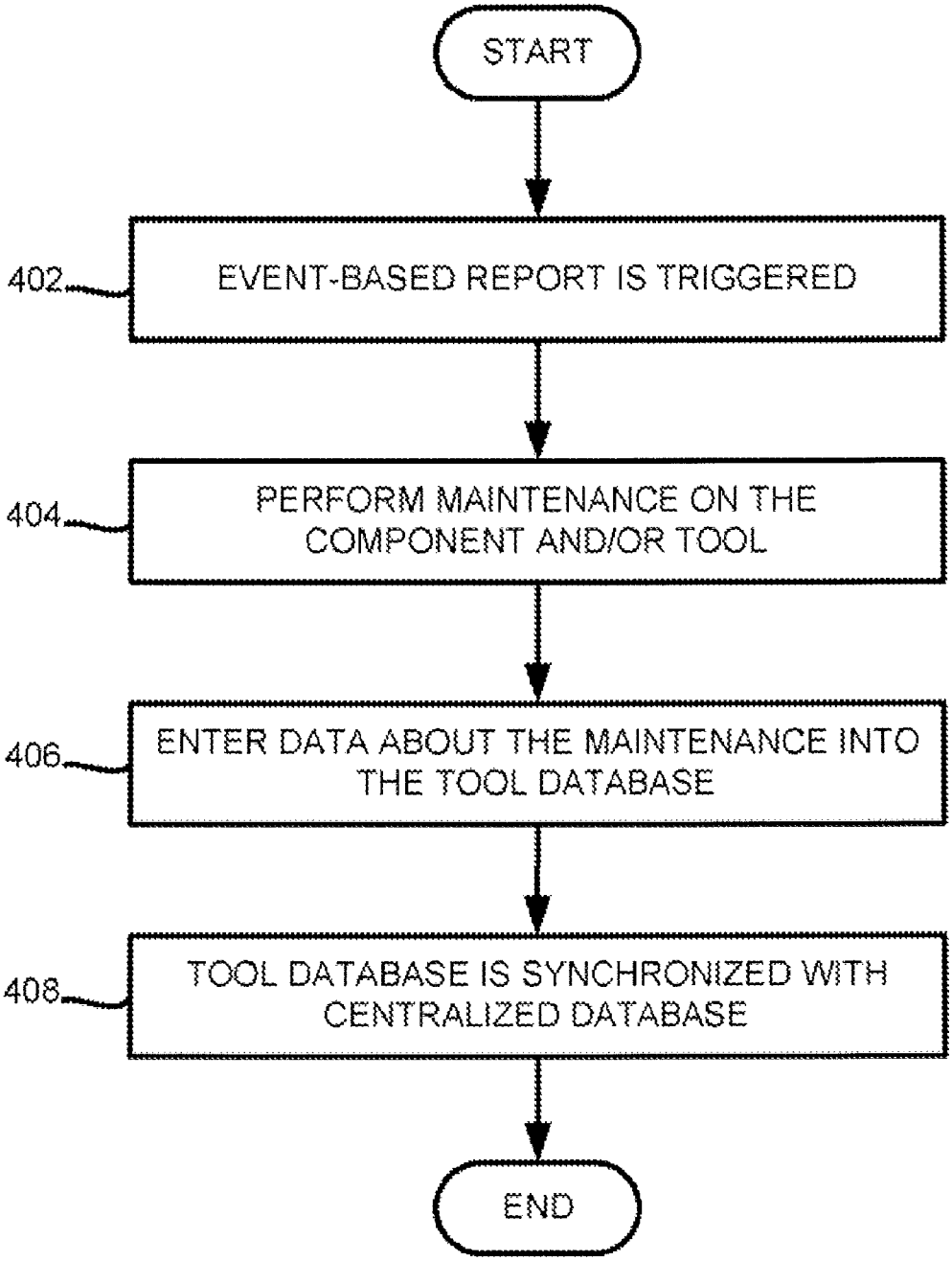

START
402
EVENT-BASED REPORT IS TRIGGERED
404
PERFORM MAINTENANCE ON THE COMPONENT AND/OR TOOL
406
ENTER DATA ABOUT THE MAINTENANCE INTO THE TOOL DATABASE
408
TOOL DATABASE IS SYNCHRONIZED WITH CENTRALIZED DATABASE
END

FIGURE 4

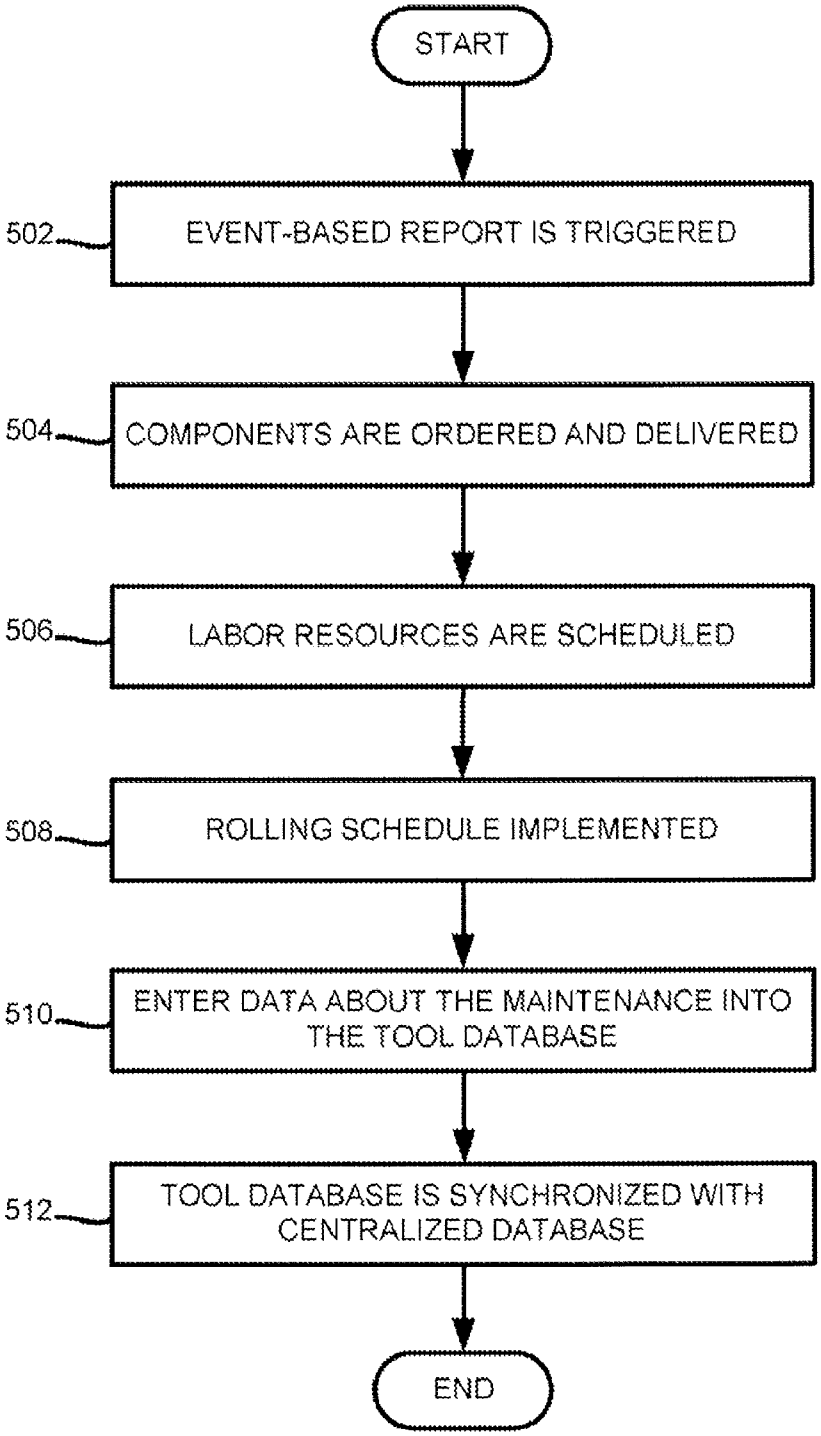

START
502
EVENT-BASED REPORT IS TRIGGERED
504
COMPONENTS ARE ORDERED AND DELIVERED
506
LABOR RESOURCES ARE SCHEDULED
508
ROLLING SCHEDULE IMPLEMENTED
510
ENTER DATA ABOUT THE MAINTENANCE INTO THE TOOL DATABASE
512
TOOL DATABASE IS SYNCHRONIZED WITH CENTRALIZED DATABASE
END

FIGURE 5

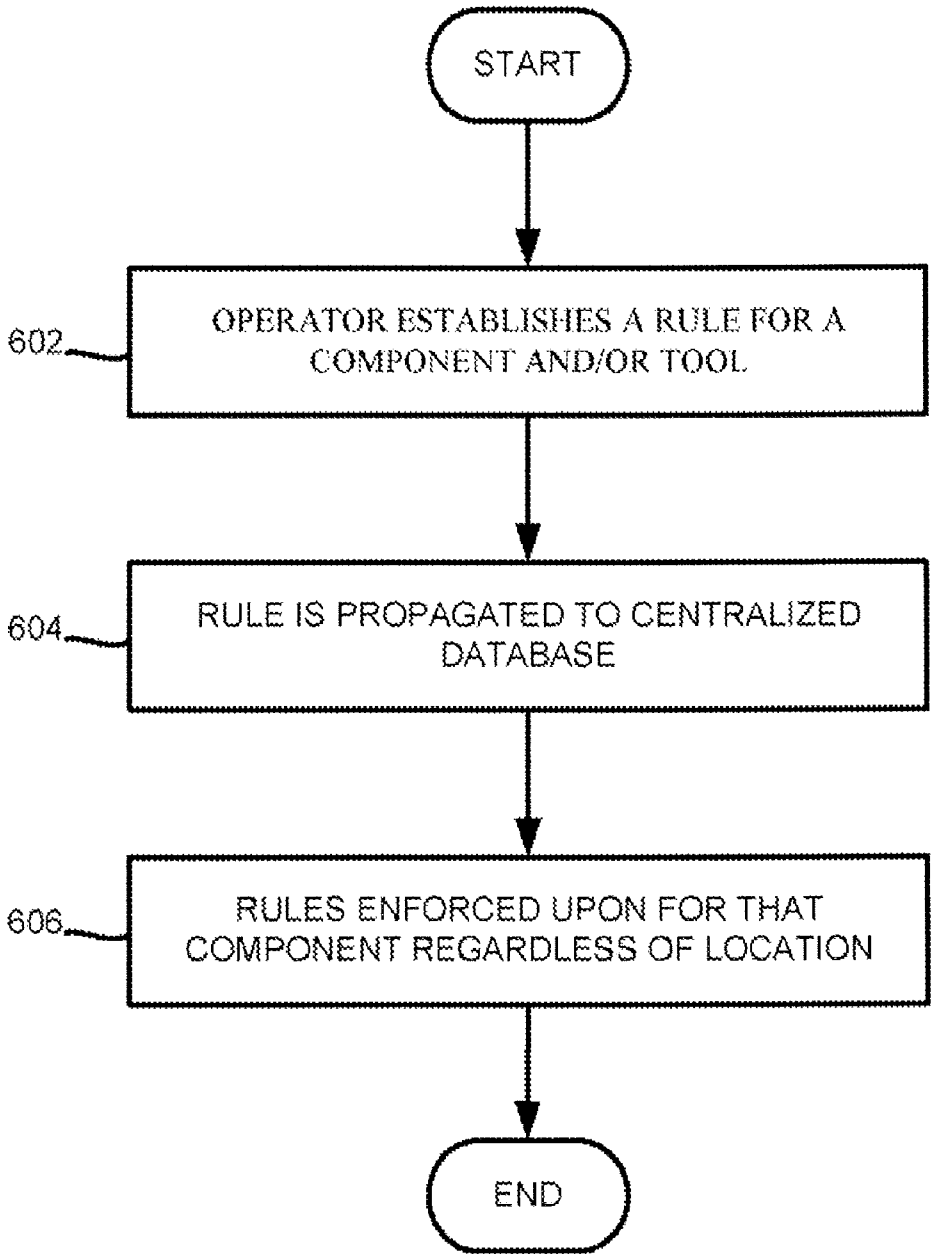

START
602
OPERATOR ESTABLISHES A RULE FOR A COMPONENT AND/OR TOOL
604
RULE IS PROPAGATED TO CENTRALIZED DATABASE
606
RULES ENFORCED UPON FOR THAT COMPONENT REGARDLESS OF LOCATION
END

FIGURE 6