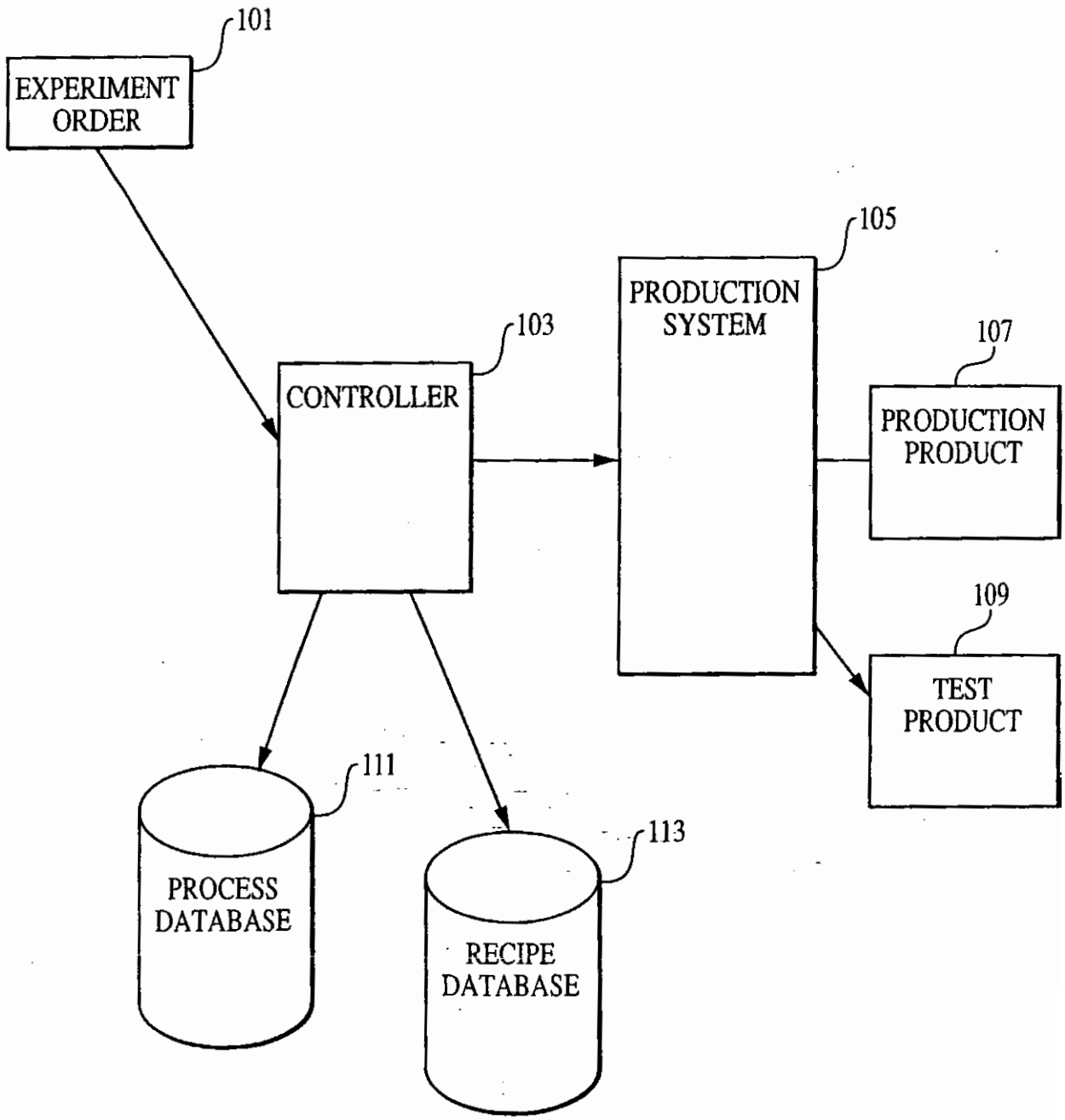

101
EXPERIMENT ORDER
105
PRODUCTION SYSTEM
103
CONTROLLER
107
PRODUCTION PRODUCT
109
TEST PRODUCT
111
PROCESS DATABASE
113
RECIPE DATABASE

FIG. 1

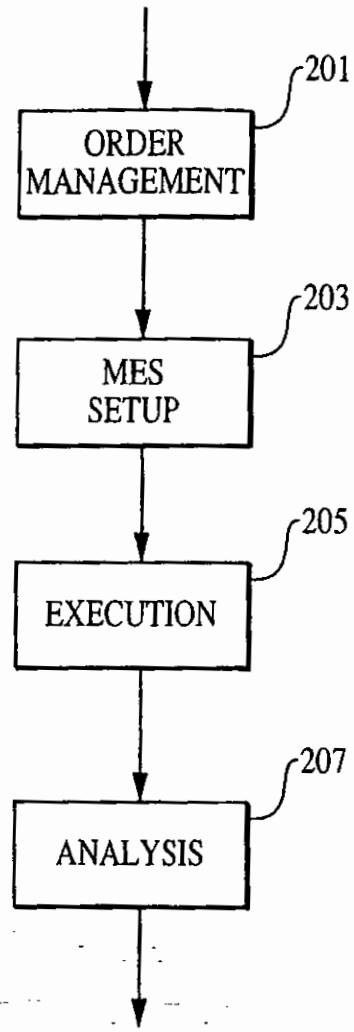

201
ORDER MANAGEMENT
203
MES SETUP
205
EXECUTION
207
ANALYSIS

FIG. 2

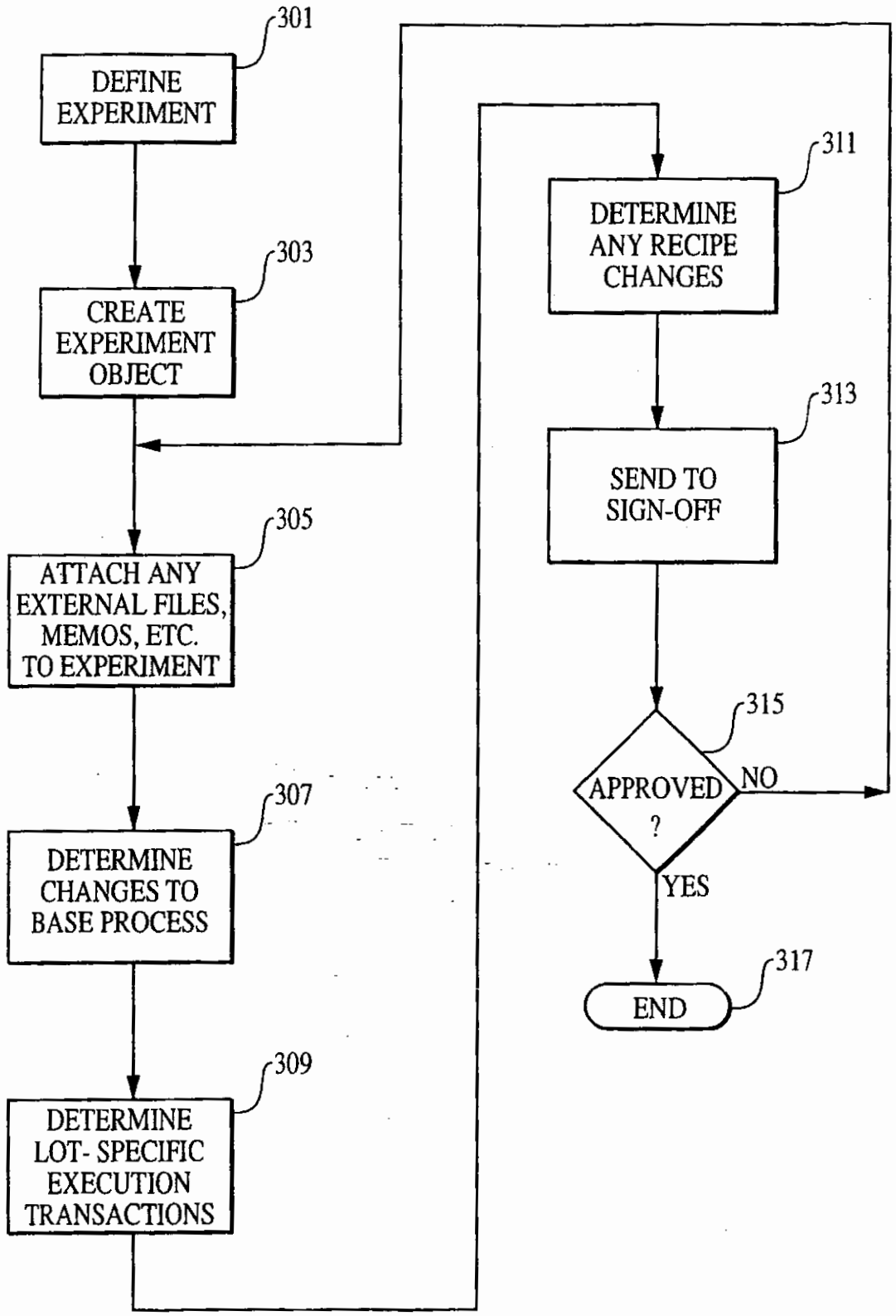

301
DEFINE EXPERIMENT
303
CREATE EXPERIMENT OBJECT
305
ATTACH ANY EXTERNAL FILES, MEMOS, ETC. TO EXPERIMENT
307
DETERMINE CHANGES TO BASE PROCESS
309
DETERMINE LOT- SPECIFIC EXECUTION TRANSACTIONS
311
DETERMINE ANY RECIPE CHANGES
313
SEND TO SIGN-OFF
315
APPROVED ?
NO
YES
317
END

FIG. 3A

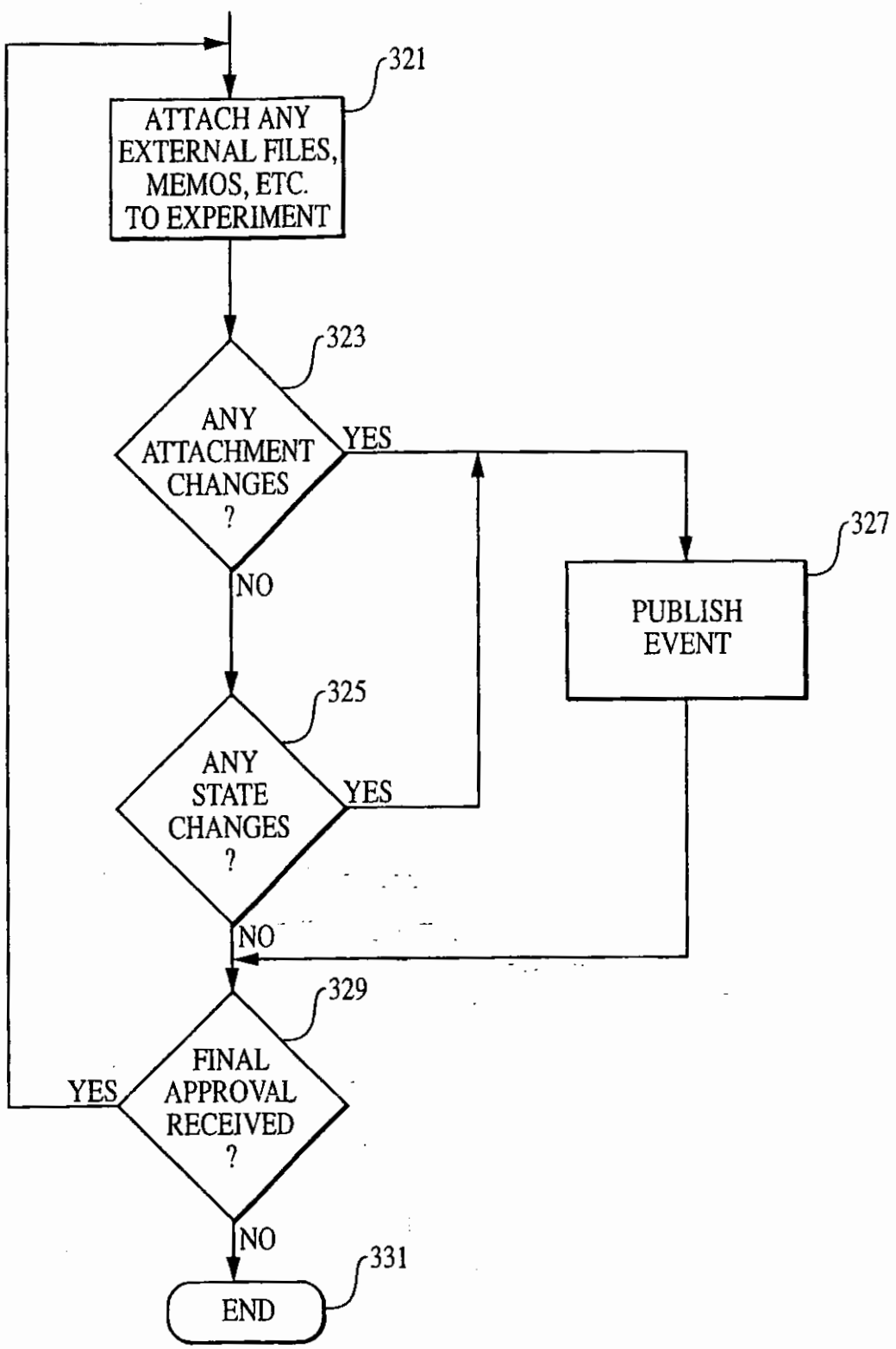

321
ATTACH ANY EXTERNAL FILES, MEMOS, ETC. TO EXPERIMENT
323
ANY ATTACHMENT CHANGES ?
YES
NO
327
PUBLISH EVENT
325
ANY STATE CHANGES ?
YES
NO
329
FINAL APPROVAL RECEIVED ?
YES
NO
331
END

FIG. 3B

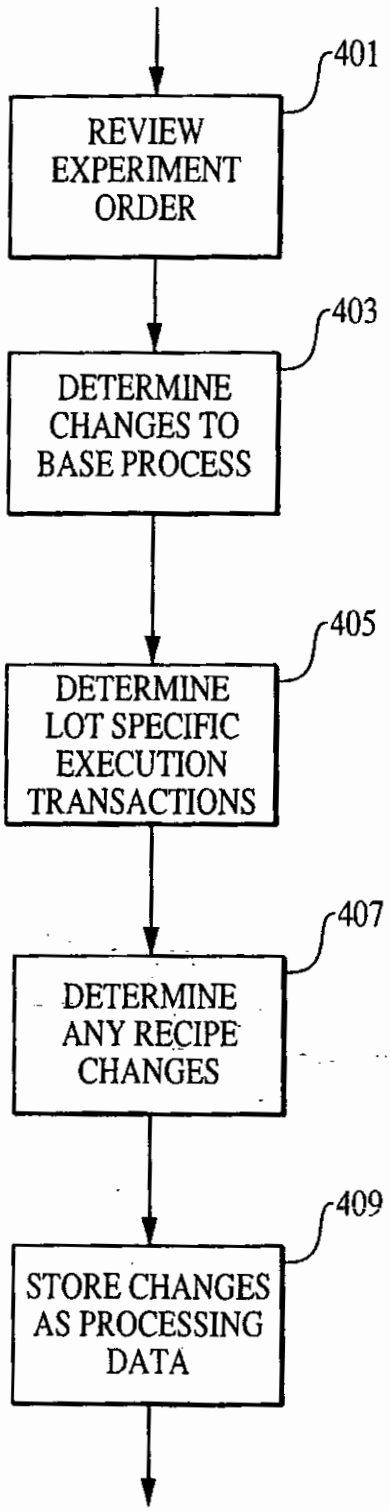

401
REVIEW EXPERIMENT ORDER
403
DETERMINE CHANGES TO BASE PROCESS
405
DETERMINE LOT SPECIFIC EXECUTION TRANSACTIONS
407
DETERMINE ANY RECIPE CHANGES
409
STORE CHANGES AS PROCESSING DATA

FIG. 4

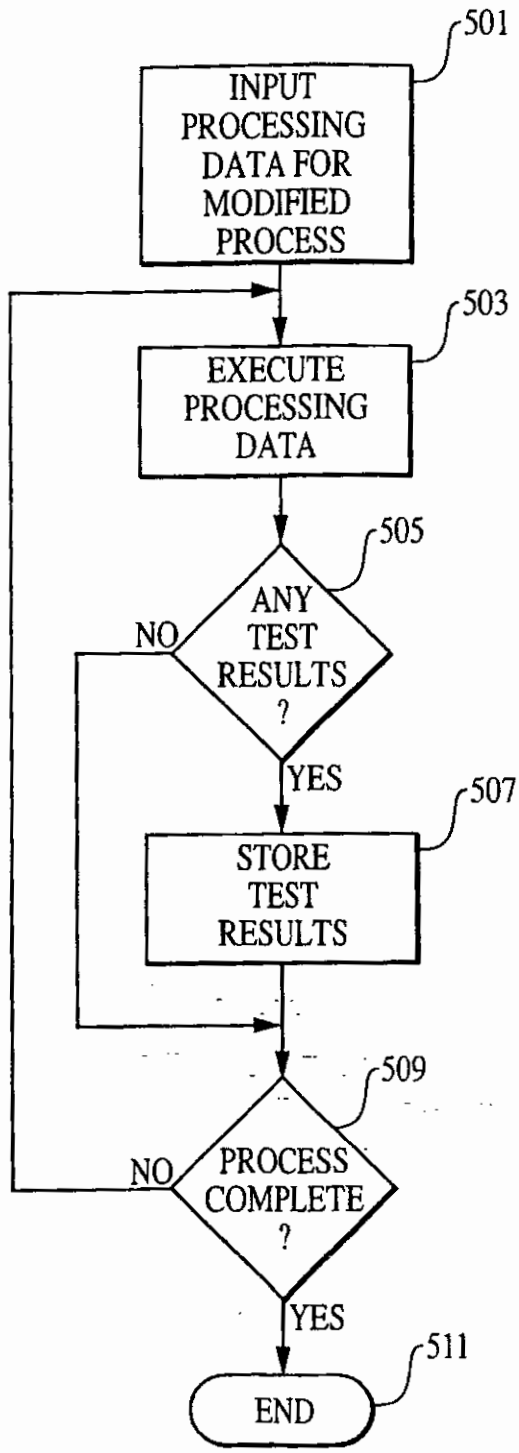

501
INPUT PROCESSING DATA FOR MODIFIED PROCESS
503
EXECUTE PROCESSING DATA
505
ANY TEST RESULTS ?
NO
YES
507
STORE TEST RESULTS
509
PROCESS COMPLETE ?
NO
YES
511
END

FIG. 5

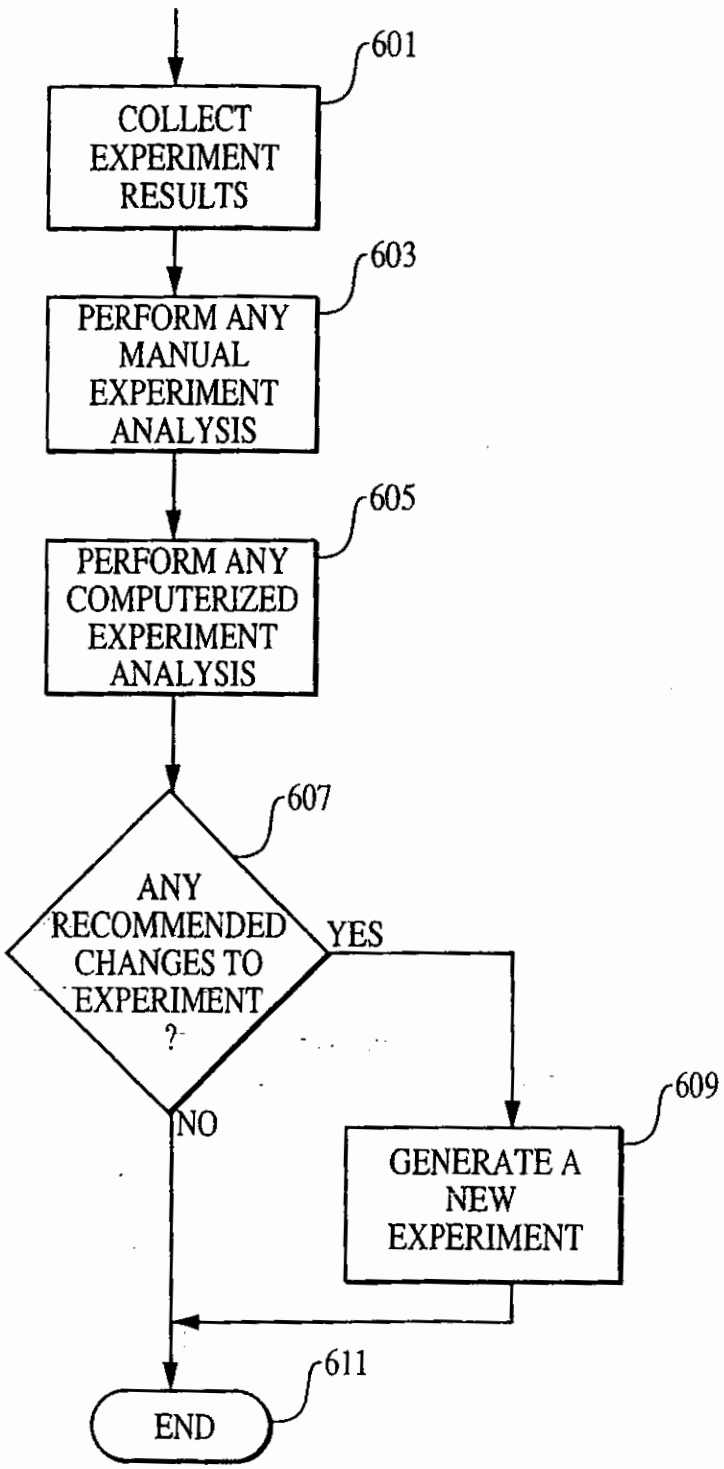

601
COLLECT EXPERIMENT RESULTS
603
PERFORM ANY MANUAL EXPERIMENT ANALYSIS
605
PERFORM ANY COMPUTERIZED EXPERIMENT ANALYSIS
607
ANY RECOMMENDED CHANGES TO EXPERIMENT ?
YES
NO
609
GENERATE A NEW EXPERIMENT
611
END

FIG. 6

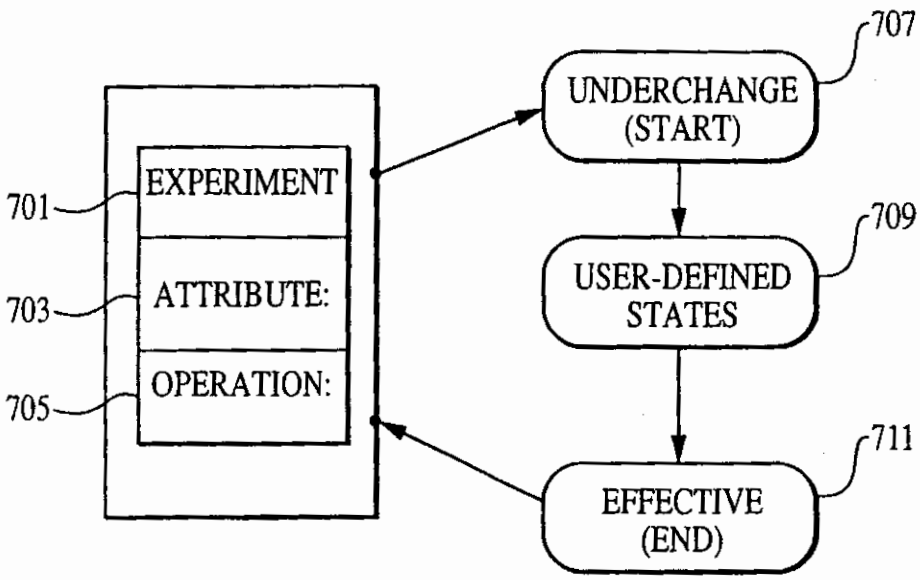

701
EXPERIMENT
703
ATTRIBUTE:
705
OPERATION:
707
UNDERCHANGE
(START)
709
USER-DEFINED
STATES
711
EFFECTIVE
(END)

FIG. 7

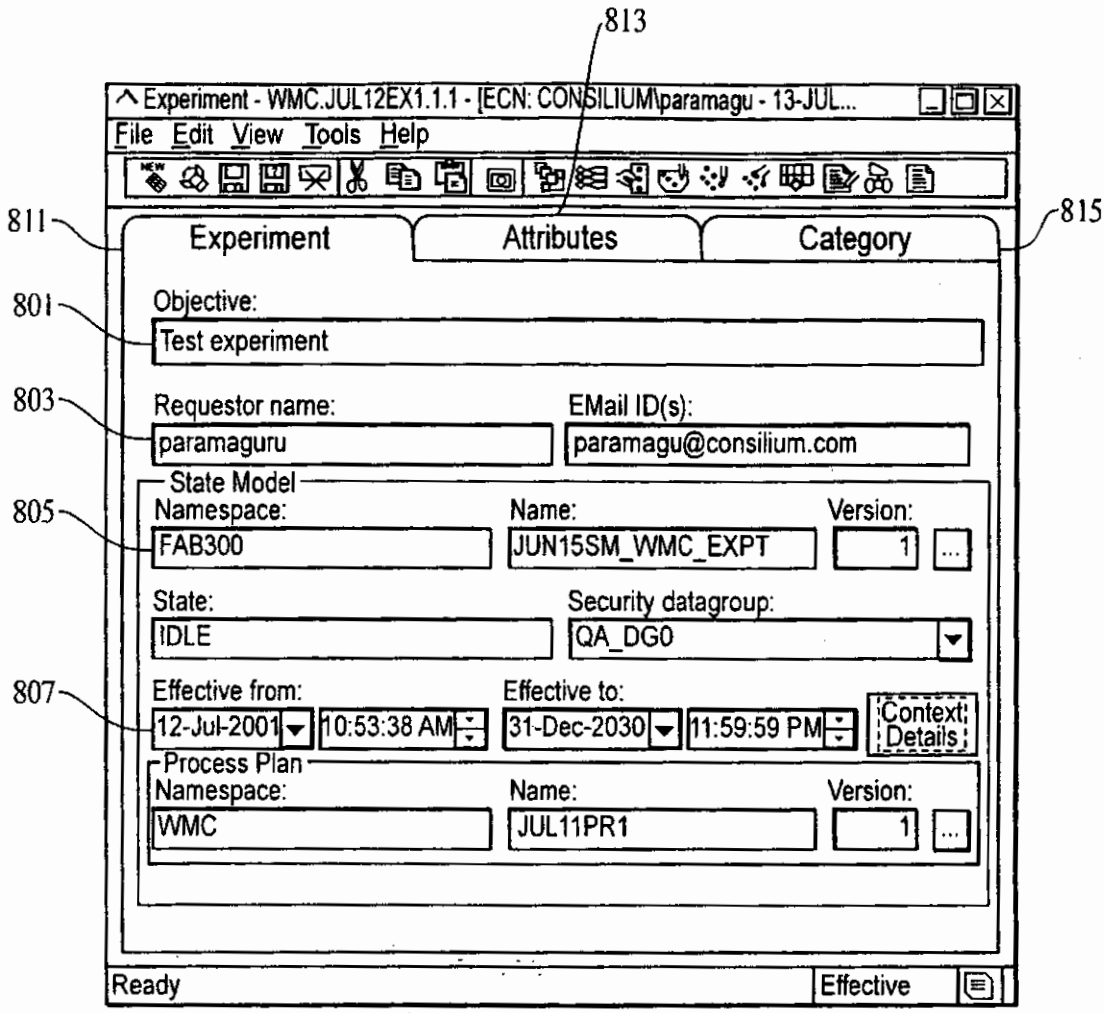

813
Experiment - WMC.JUL12EX1.1.1 - [ECN: CONSILIUM\paramagu - 13-JUL...
File Edit View Tools Help
811
Experiment
Attributes
Category
815
801
Objective:
Test experiment
803
Requestor name:
paramaguru
EMail ID(s):
paramagu@consilium.com
State Model
805
Namespace:
FAB300
Name:
JUN15SM_WMC_EXPT
Version:
1
State:
IDLE
Security datagroup:
QA_DG0
807
Effective from:
12-Jul-2001
10:53:38 AM
Effective to:
31-Dec-2030
11:59:59 PM
Context Details
Process Plan
Namespace:
WMC
Name:
JUL11PR1
Version:
1
Ready
Effective

FIG. 8

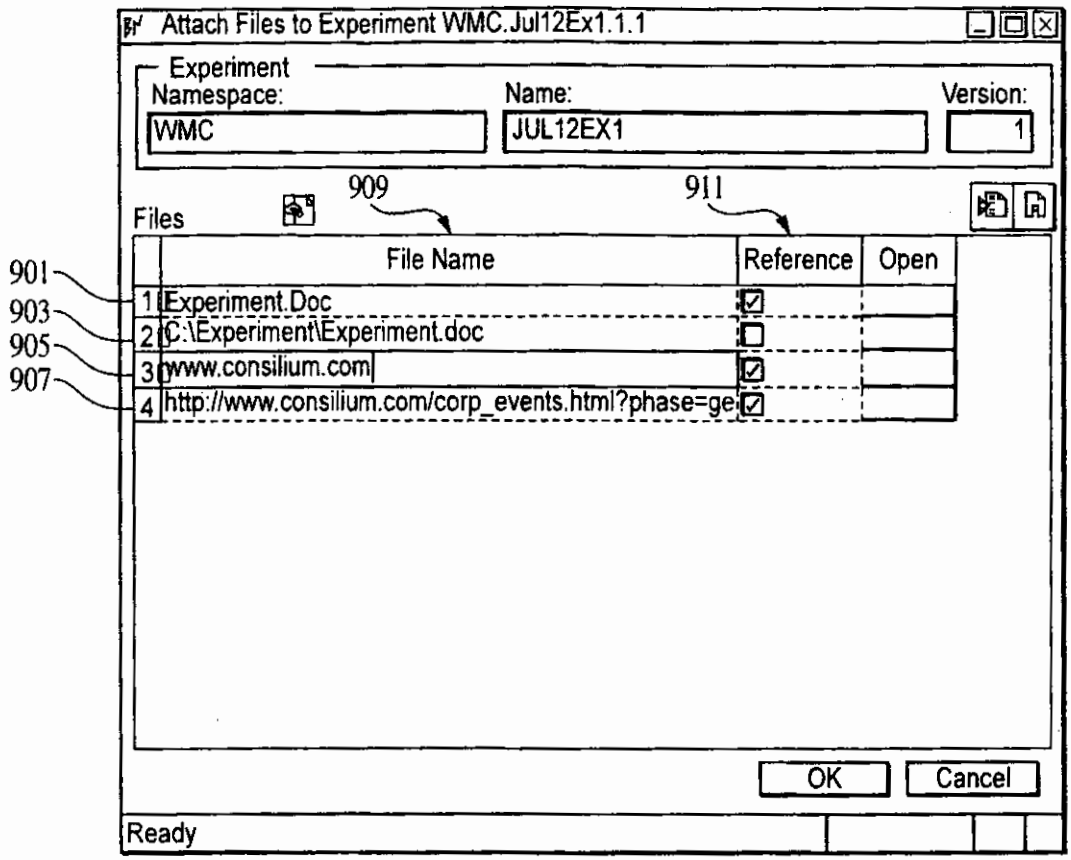

Attach Files to Experiment WMC.Jul12Ex1.1.1
Experiment
Namespace:
WMC
Name:
JUL12EX1
Version:
1
Files
909
911
File Name
Reference
Open
901
903
905
907
1 Experiment.Doc
2 C:\Experiment\Experiment.doc
3 www.consilium.com
4 http://www.consilium.com/corp_events.html?phase=ge
OK
Cancel
Ready

FIG. 9

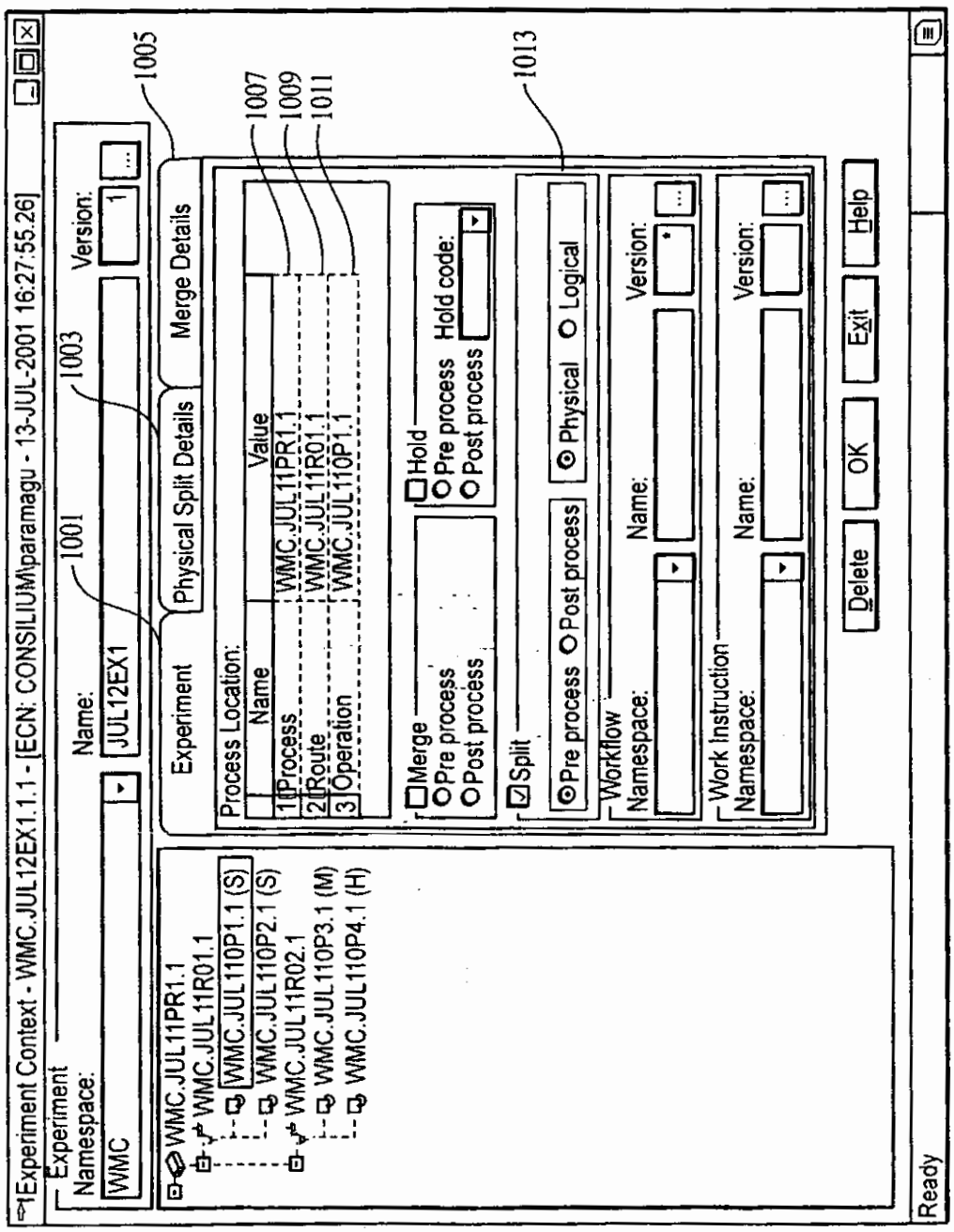

Experiment Context - WMC.JUL12EX1.1.1 - [ECN: CONSILIUM\paramagu - 13-JUL-2001 16:27:55.26]
Experiment
Namespace:
WMC
Name:
JUL12EX1
Version:
1
1001
1003
1005
WMC.JUL11PR1.1
WMC.JUL11R01.1
WMC.JUL110P1.1 (S)
WMC.JUL110P2.1 (S)
WMC.JUL11R02.1
WMC.JUL110P3.1 (M)
WMC.JUL110P4.1 (H)
Experiment
Physical Split Details
Merge Details
Process Location:
Name
Value
1 Process
WMC.JUL11PR1.1
2 Route
WMC.JUL11R01.1
3 Operation
WMC.JUL110P1.1
1007
1009
1011
Merge
Pre process
Post process
Hold
Pre process
Post process
Hold code:
Split
Pre process
Post process
Physical
Logical
1013
Workflow
Namespace:
Name:
Version:
Work Instruction
Namespace:
Name:
Version:
Delete
OK
Exit
Help
Ready

FIG. 10

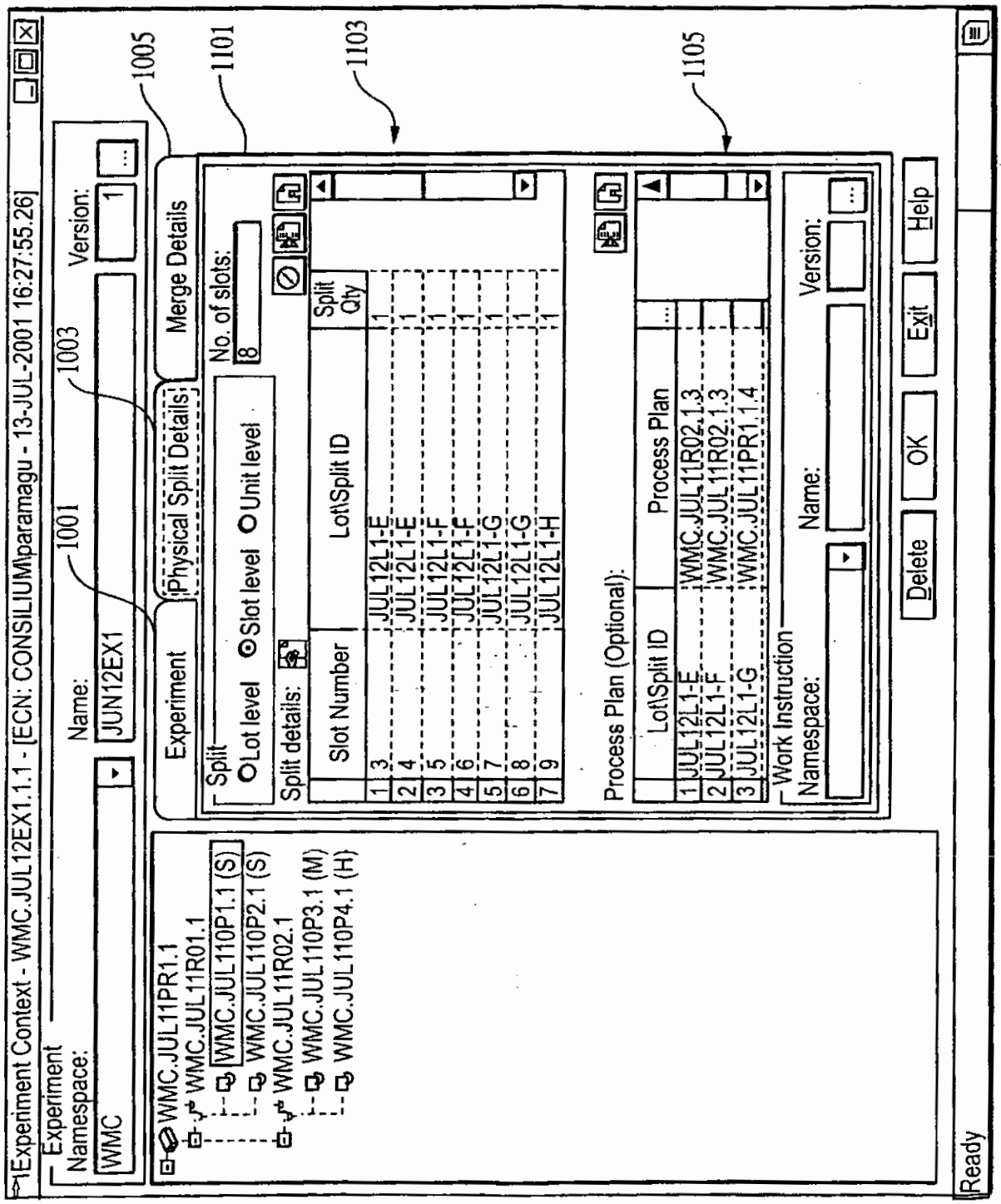

Experiment Context - WMC.JUL12EX1.1.1 - [ECN: CONSILIUM\paramagu - 13-JUL-2001 16:27:55.26]
Experiment
Namespace:
WMC
Name:
JUN12EX1
Version:
1
1001
1003
1005
1101
1103
1105
WMC.JUL11PR1.1
WMC.JUL11R01.1
WMC.JUL110P1.1 (S)
WMC.JUL110P2.1 (S)
WMC.JUL11R02.1
WMC.JUL110P3.1 (M)
WMC.JUL110P4.1 (H)
Experiment
Physical Split Details
Merge Details
Split
Lot level
Slot level
Unit level
No. of slots:
8
Split details:
Slot Number
LotSplit ID
Split Qty
1 3 JUL12L1-E 1
2 4 JUL12L1-E 1
3 5 JUL12L1-F 1
4 6 JUL12L1-F 1
5 7 JUL12L1-G 1
6 8 JUL12L1-G 1
7 9 JUL12L1-H 1
Process Plan (Optional):
Lot\Split ID
Process Plan
1 JUL12L1-E WMC.JUL11R02.1.3
2 JUL12L1-F WMC.JUL11R02.1.3
3 JUL12L1-G WMC.JUL11PR1.1.4
Work Instruction
Namespace:
Name:
Version:
Delete
OK
Exit
Help
Ready

FIG. 11

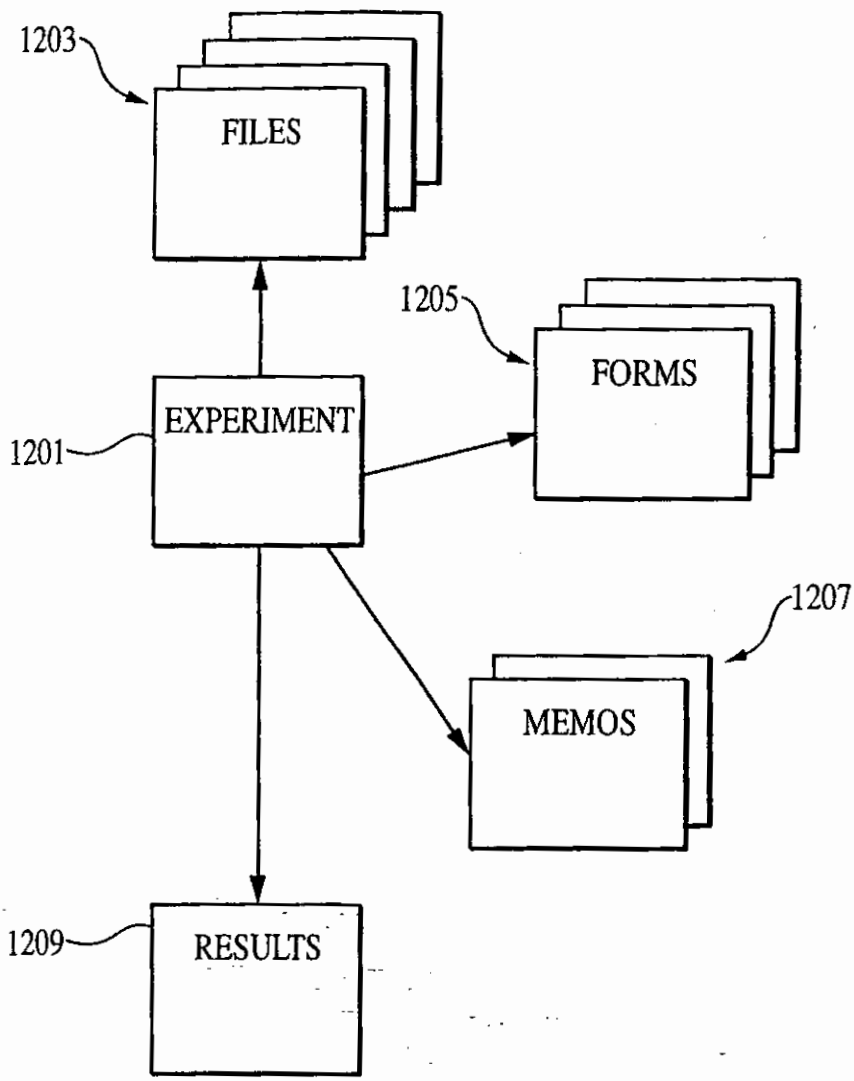

1203
FILES
1205
FORMS
EXPERIMENT
1201
1207
MEMOS
1209
RESULTS

FIG. 12