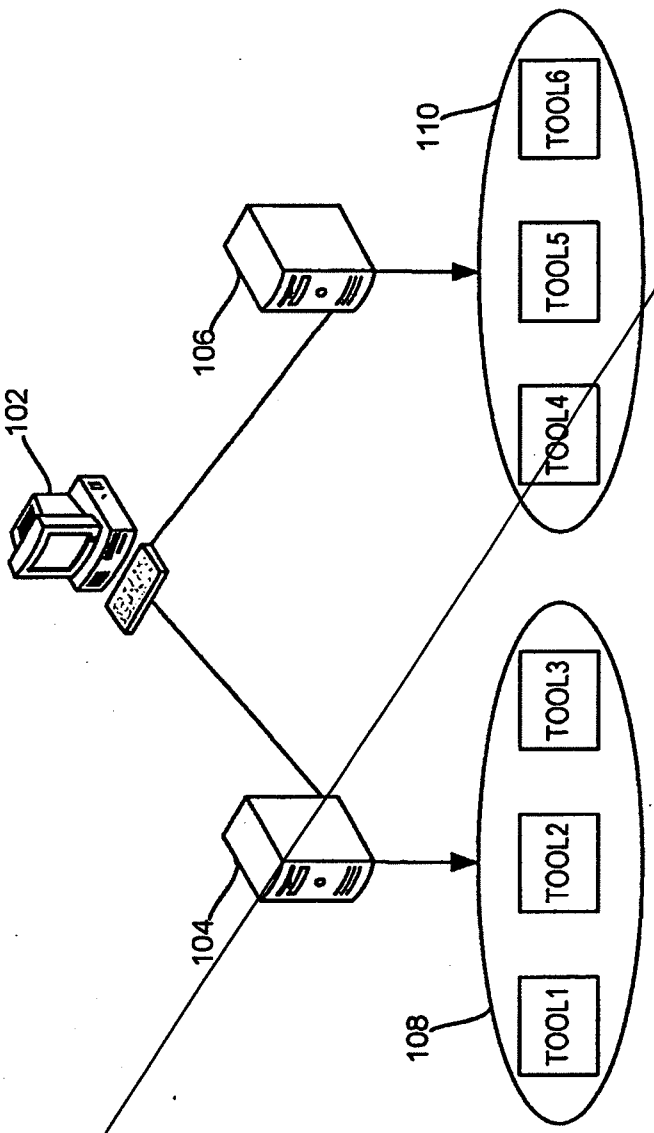



FIGURE 1
(PRIOR ART)

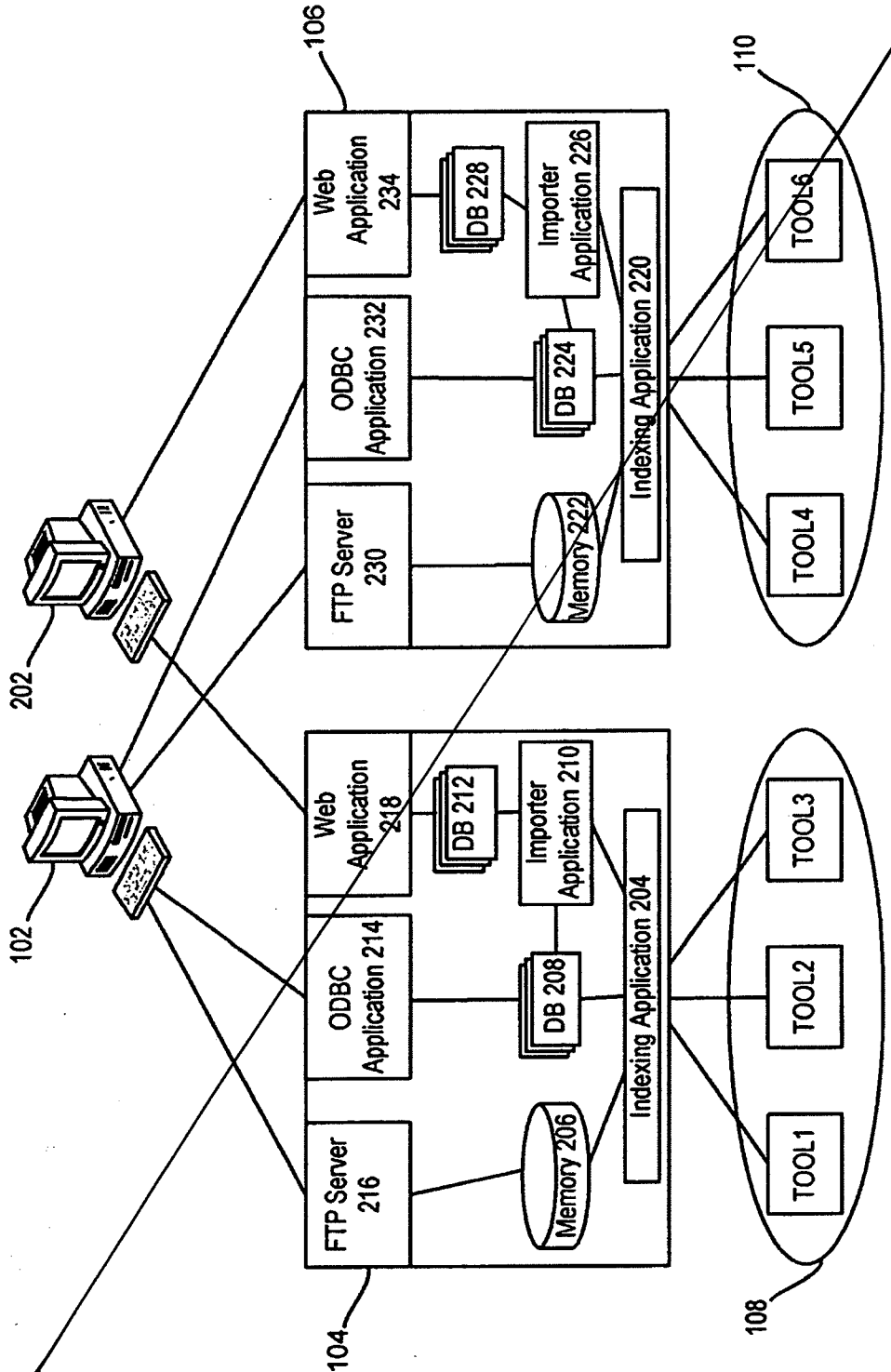



FIGURE 2
(PRIOR ART)

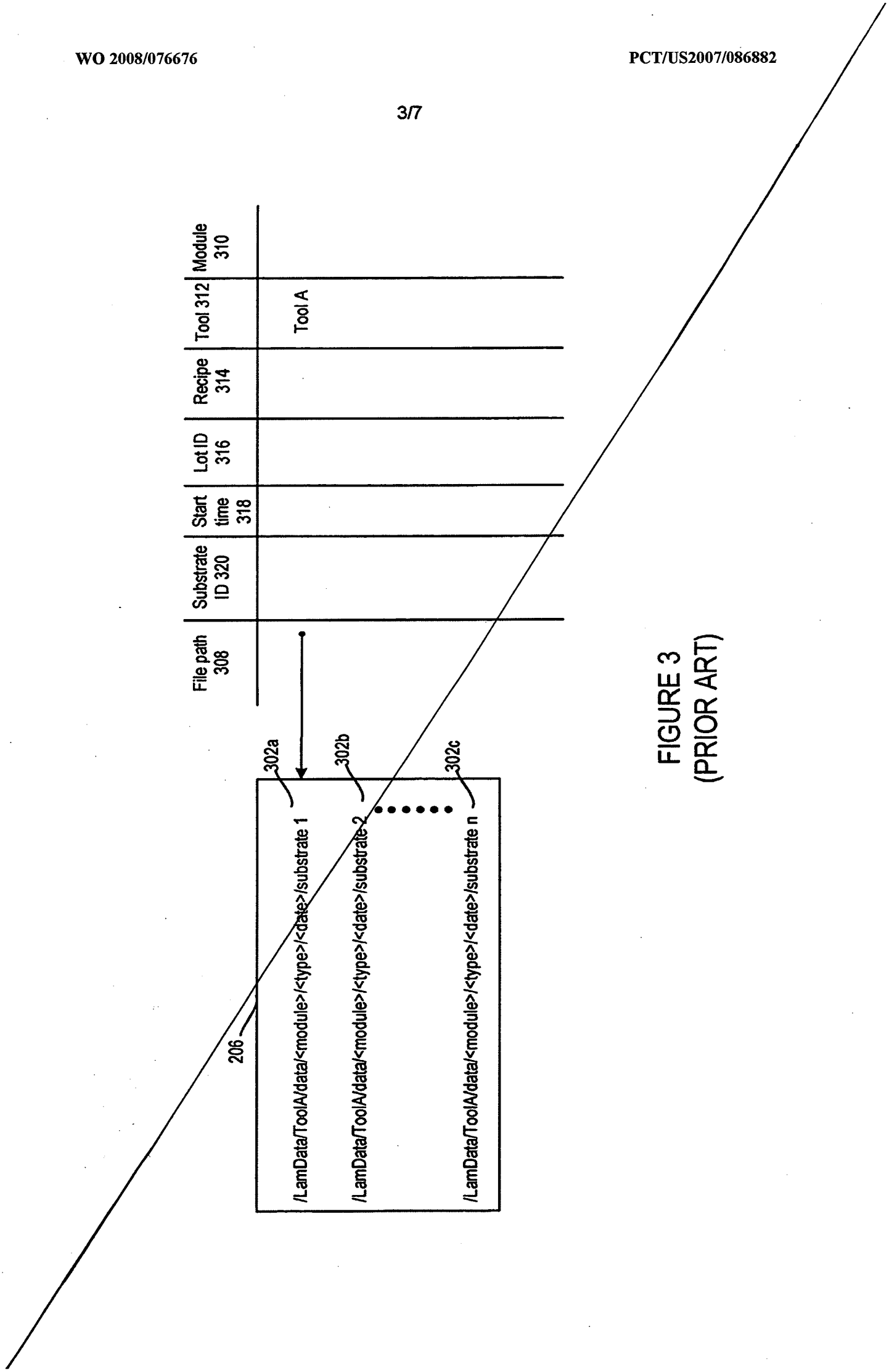



FIGURE 3
(PRIOR ART)

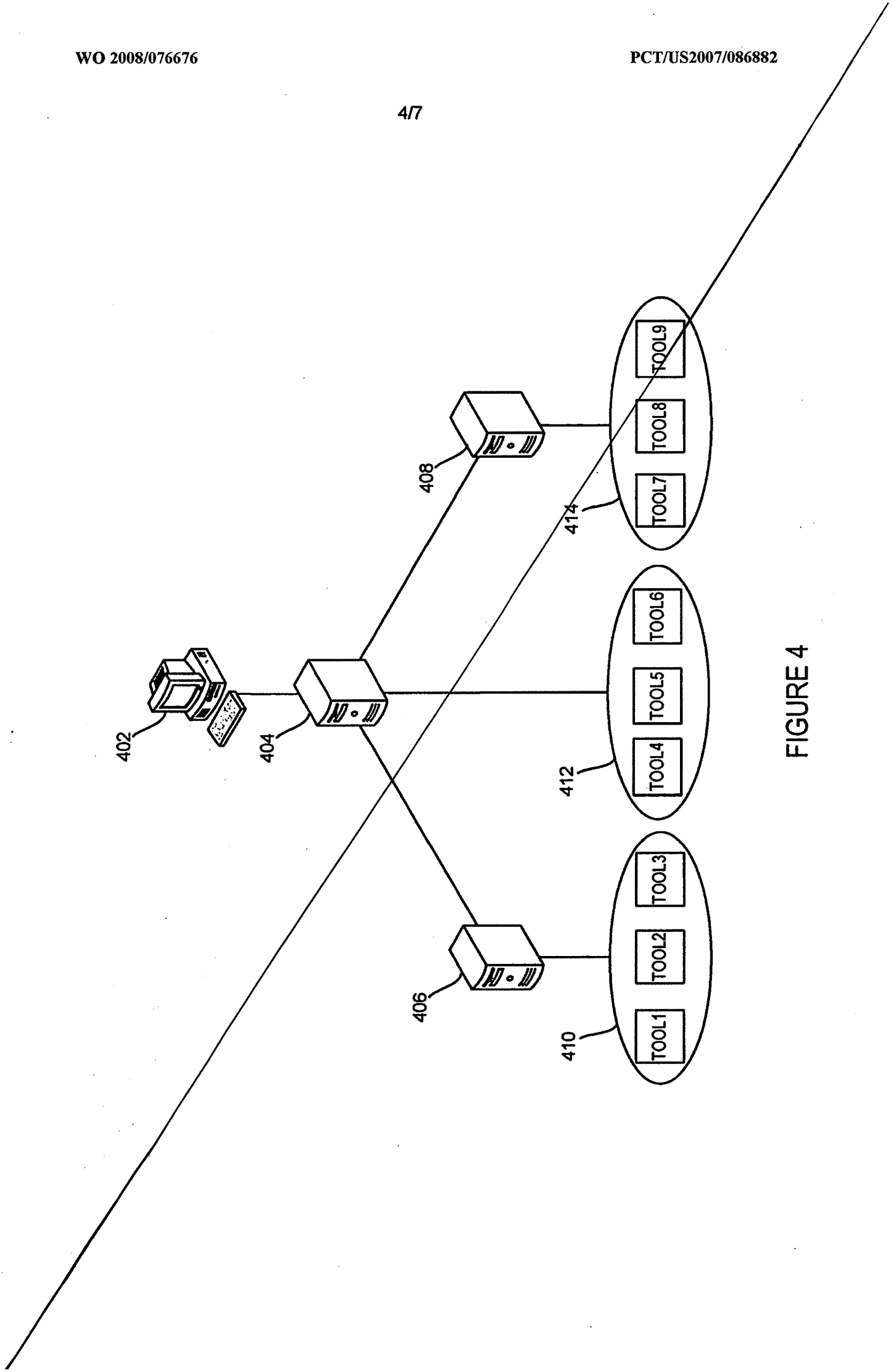
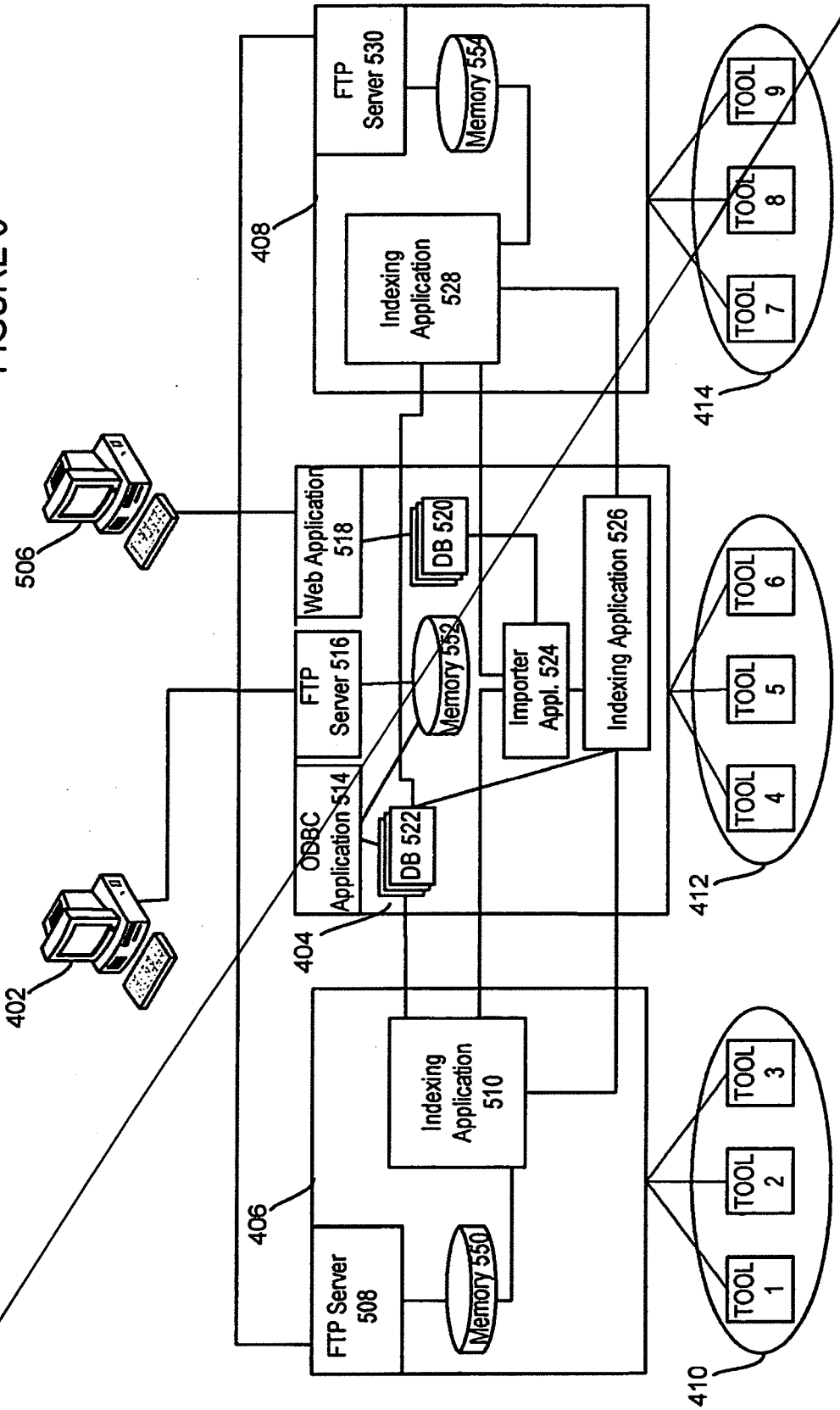

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FIGURE 4

FIGURE 5


FTP Server 530
Memory 554
Indexing Application 528
408
414
TOOL 9
TOOL 8
TOOL 7
506
Web Application 518
DB 520
FTP Server 516
Memory 552
Importer Appl. 524
Indexing Application 526
ODBC Application 514
DB 522
404
412
TOOL 6
TOOL 5
TOOL 4
402
Indexing Application 510
406
FTP Server 508
Memory 550
410
TOOL 3
TOOL 2
TOOL 1

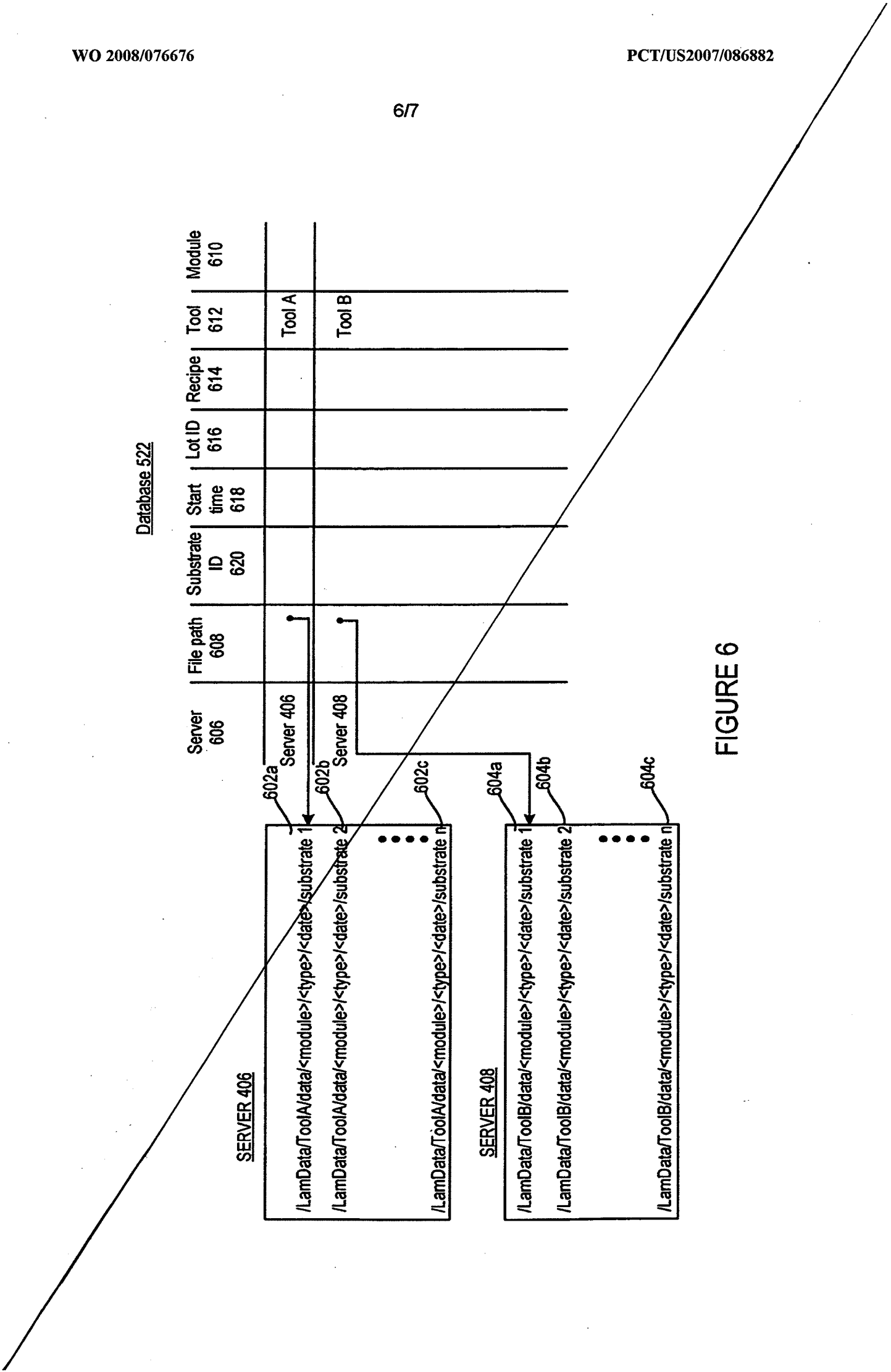

Database 522
Server 606
File path 608
Substrate ID 620
Start time 618
Lot ID 616
Recipe 614
Tool 612
Module 610
Server 406
Server 408
Tool A
Tool B
602a
602b
602c
604a
604b
604c
SERVER 406
/LamData/ToolA/data/<module>/<type>/<date>/substrate 1
/LamData/ToolA/data/<module>/<type>/<date>/substrate 2
/LamData/ToolA/data/<module>/<type>/<date>/substrate n
SERVER 408
/LamData/ToolB/data/<module>/<type>/<date>/substrate 1
/LamData/ToolB/data/<module>/<type>/<date>/substrate 2
/LamData/ToolB/data/<module>/<type>/<date>/substrate n

FIGURE 6

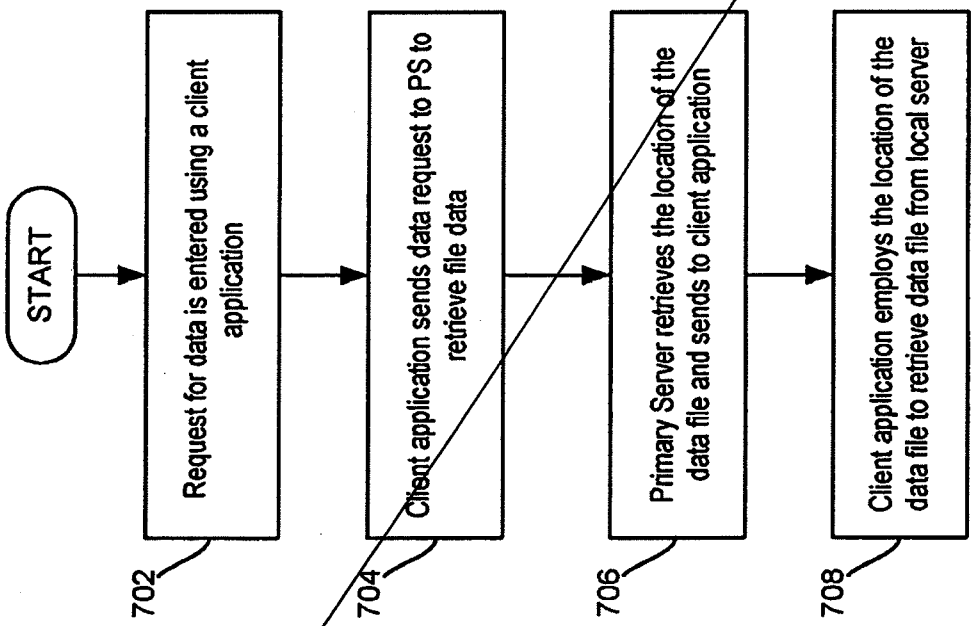

START
Request for data is entered using a client application
Client application sends data request to PS to retrieve file data
Primary Server retrieves the location of the data file and sends to client application
Client application employs the location of the data file to retrieve data file from local server
702
704
706
708

FIGURE 7

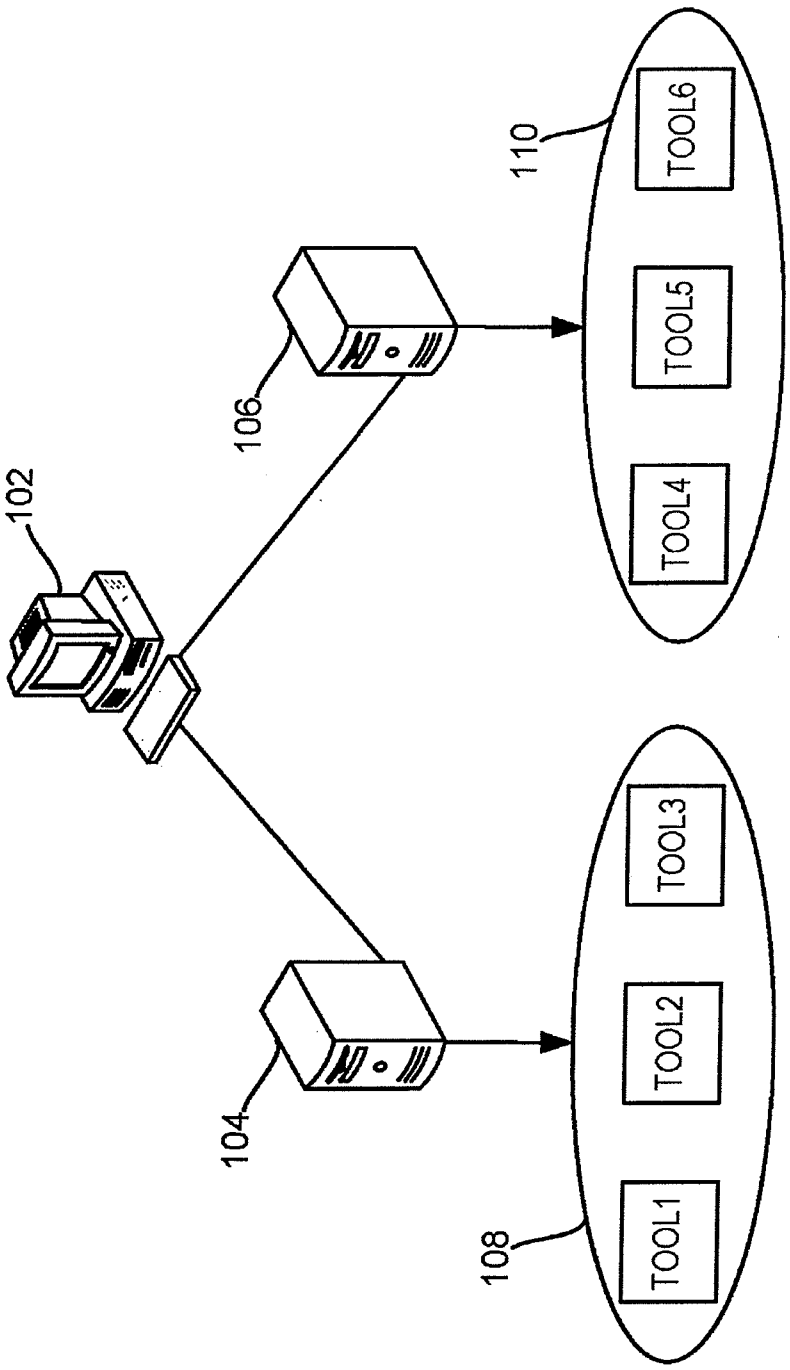



FIGURE 1
(PRIOR ART)

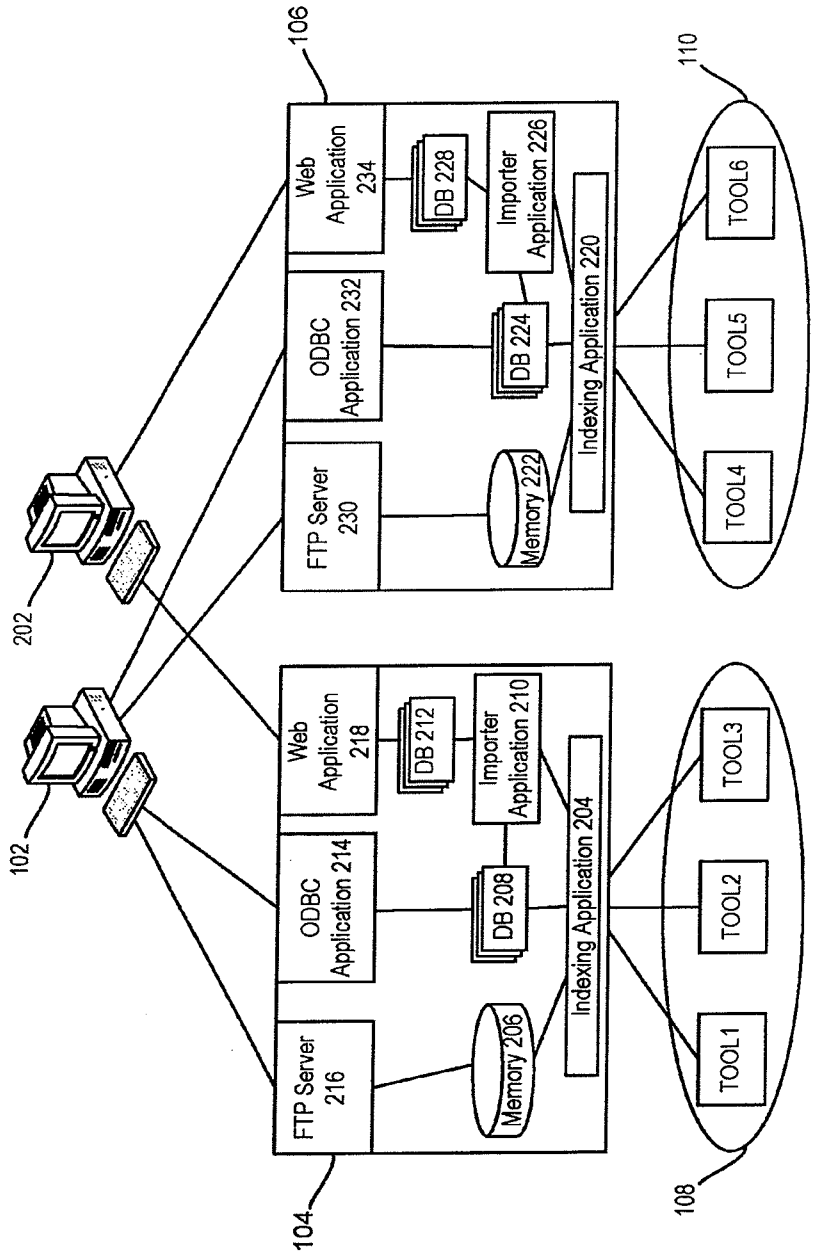



FIGURE 2
(PRIOR ART)

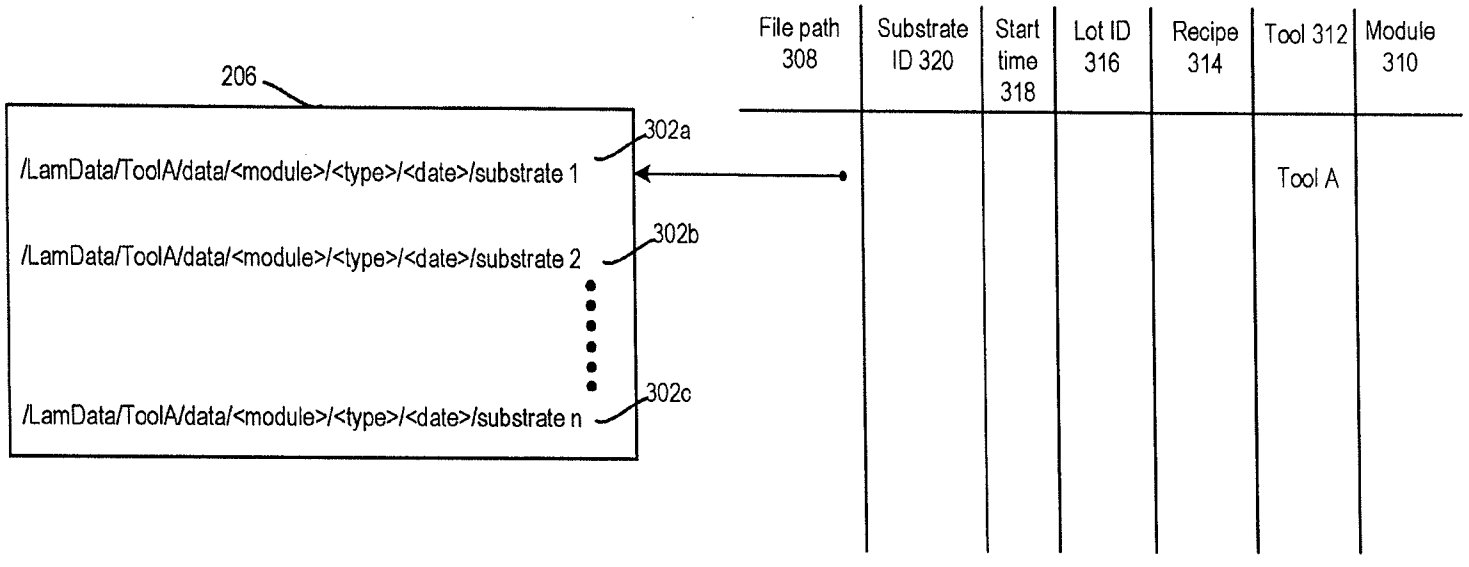



FIGURE 3
(PRIOR ART)

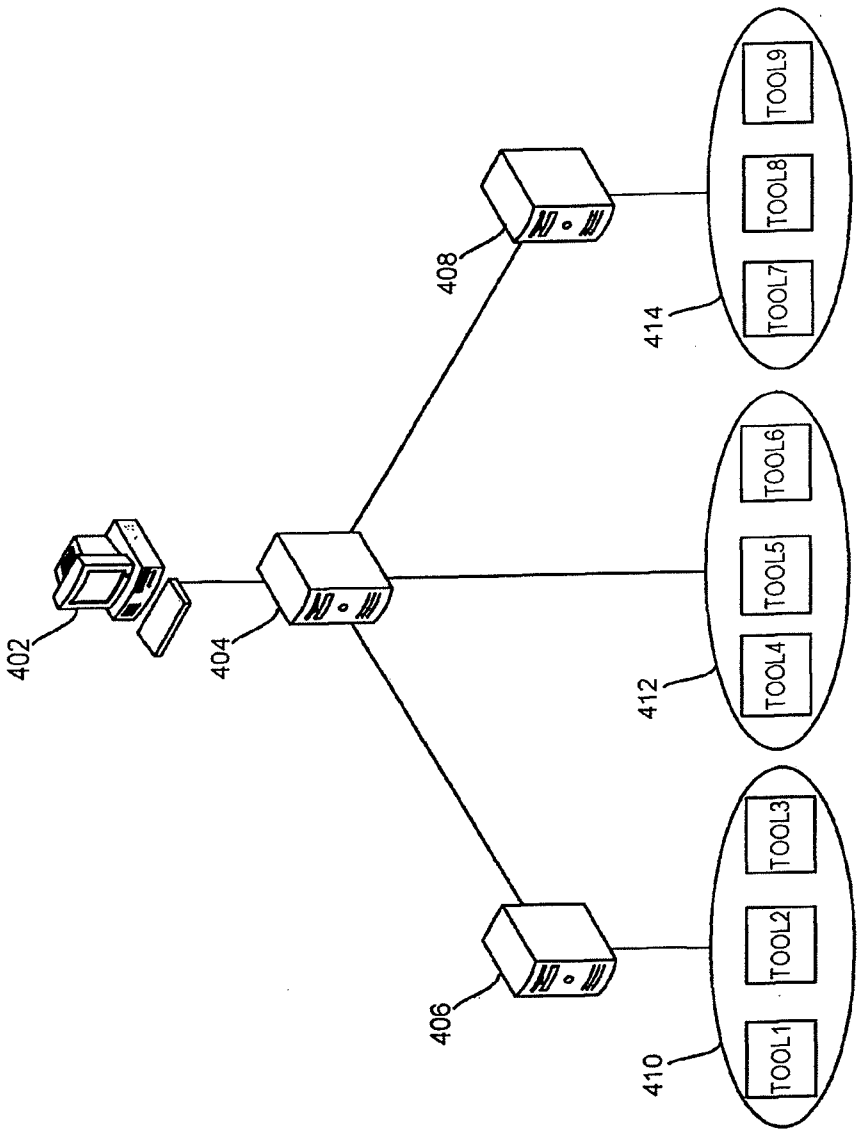
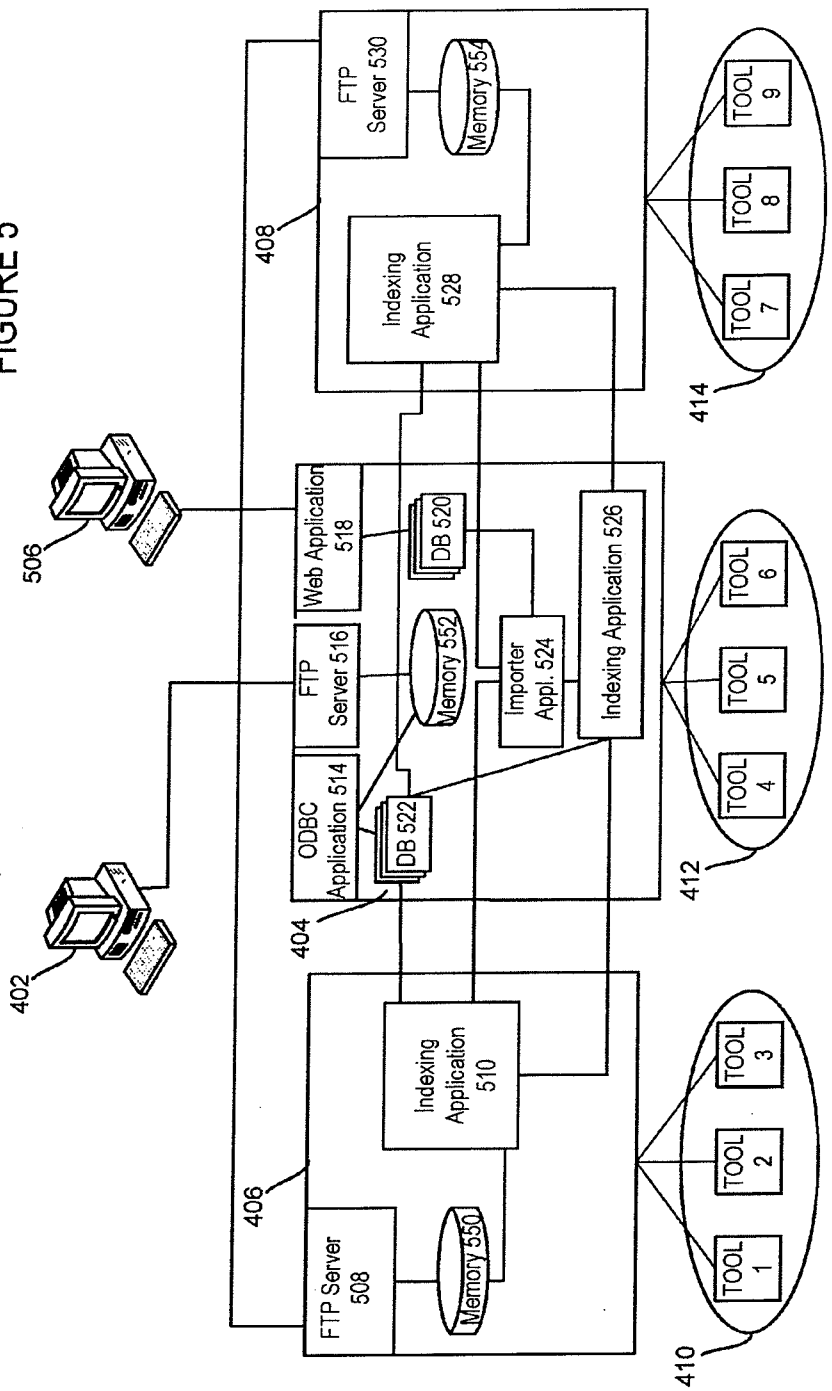

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FIGURE 4

FIGURE 5


402
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FTP Server 508
Memory 550
Indexing Application 510
ODBC Application 514
DB 522
FTP Server 516
Memory 552
Web Application 518
DB 520
Importer Appl. 524
Indexing Application 526
FTP Server 530
Memory 554
Indexing Application 528
TOOL 1
TOOL 2
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TOOL 4
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TOOL 6
TOOL 7
TOOL 8
TOOL 9

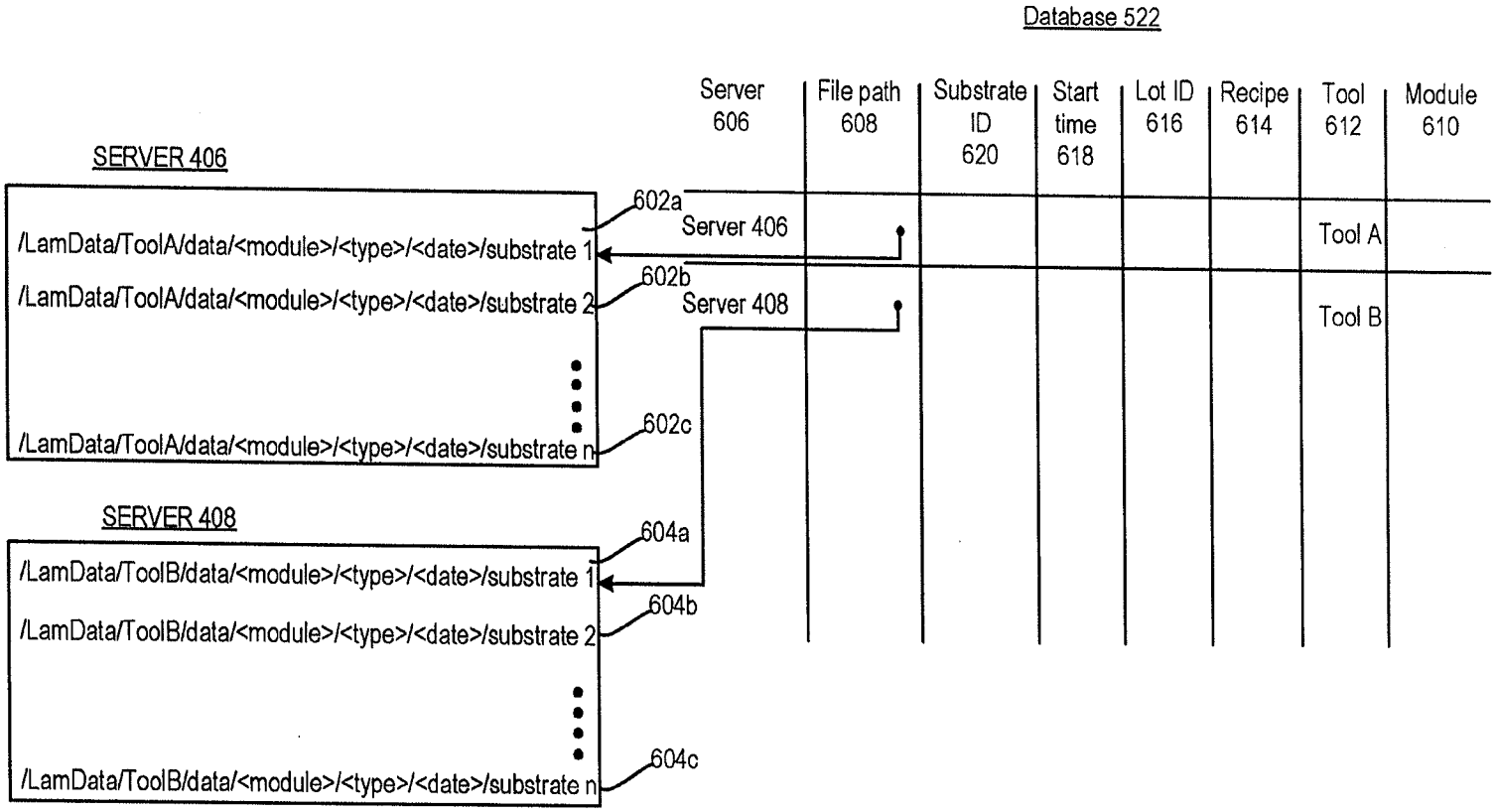

Database 522
Server 606
File path 608
Substrate ID 620
Start time 618
Lot ID 616
Recipe 614
Tool 612
Module 610
SERVER 406
/LamData/ToolA/data/<module>/<type>/<date>/substrate 1
/LamData/ToolA/data/<module>/<type>/<date>/substrate 2
/LamData/ToolA/data/<module>/<type>/<date>/substrate n
602a
602b
602c
Server 406
Server 408
Tool A
Tool B
SERVER 408
/LamData/ToolB/data/<module>/<type>/<date>/substrate 1
/LamData/ToolB/data/<module>/<type>/<date>/substrate 2
/LamData/ToolB/data/<module>/<type>/<date>/substrate n
604a
604b
604c

FIGURE 6

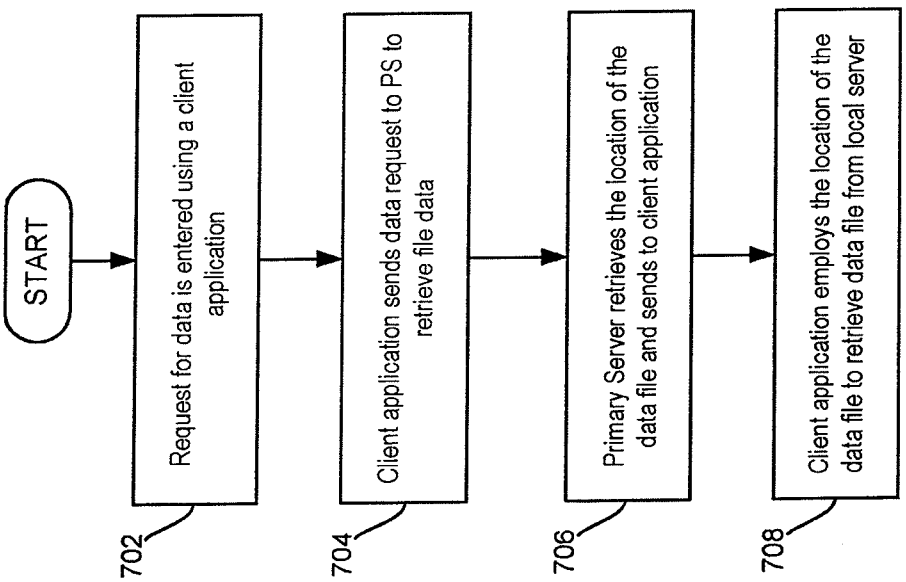

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FIGURE 7