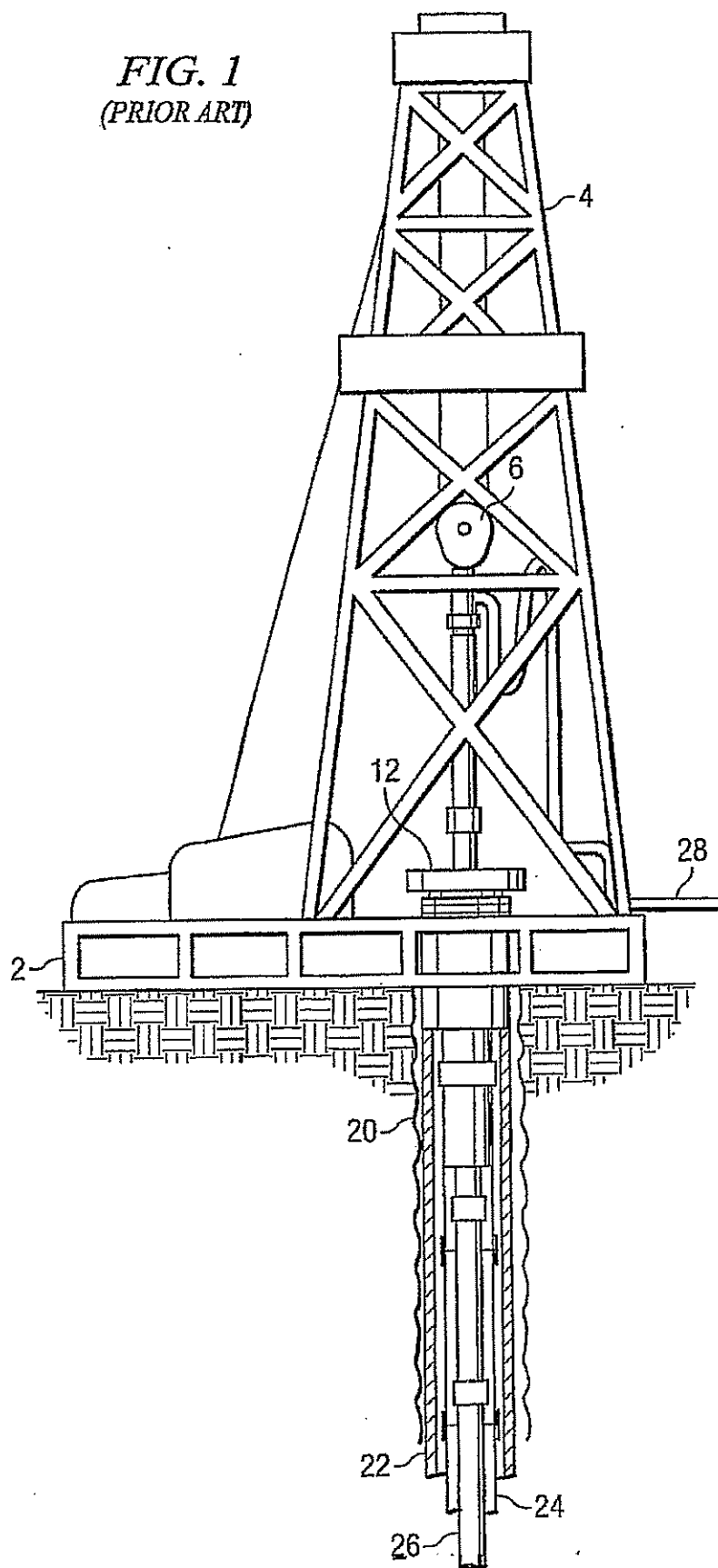
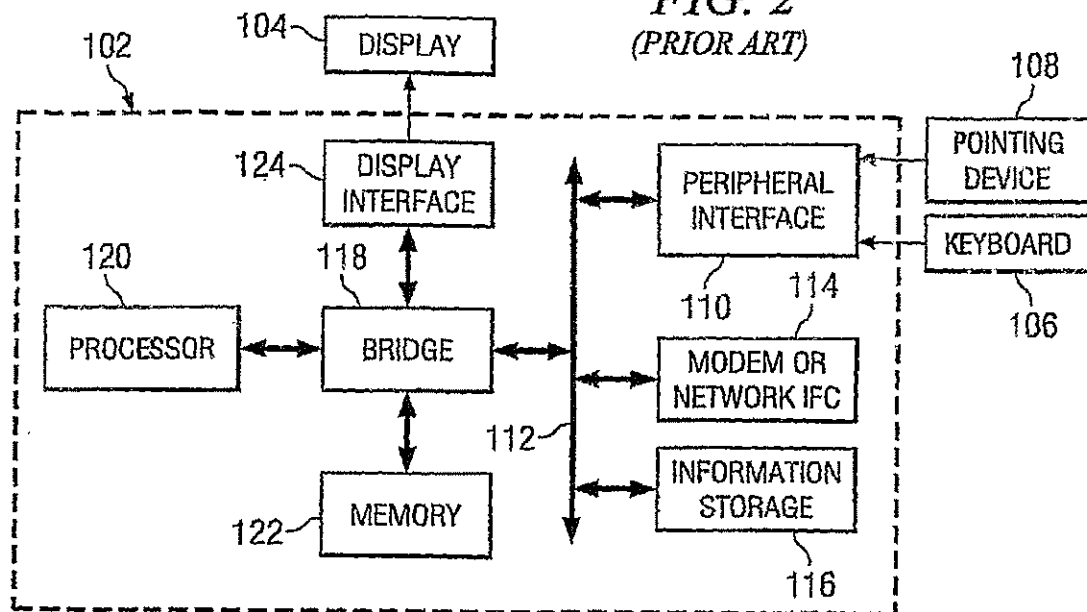
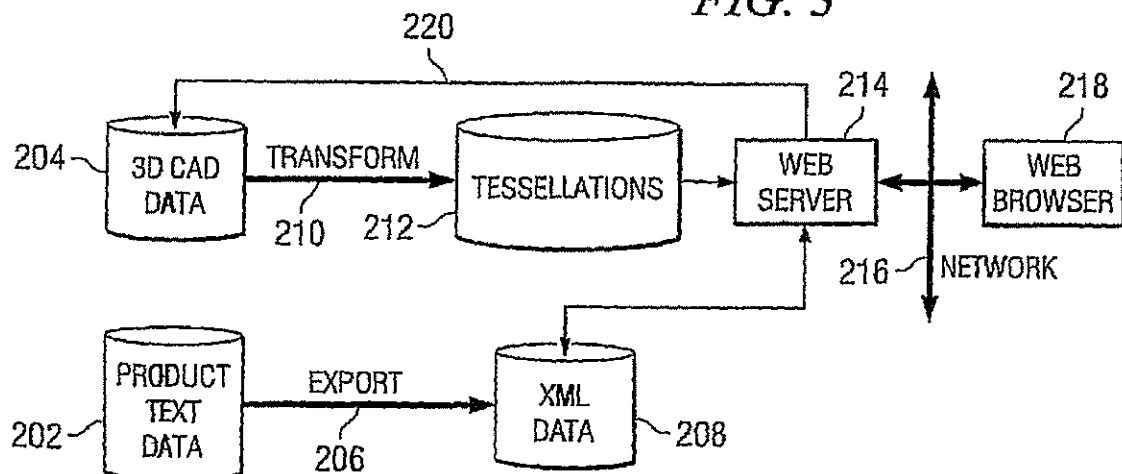


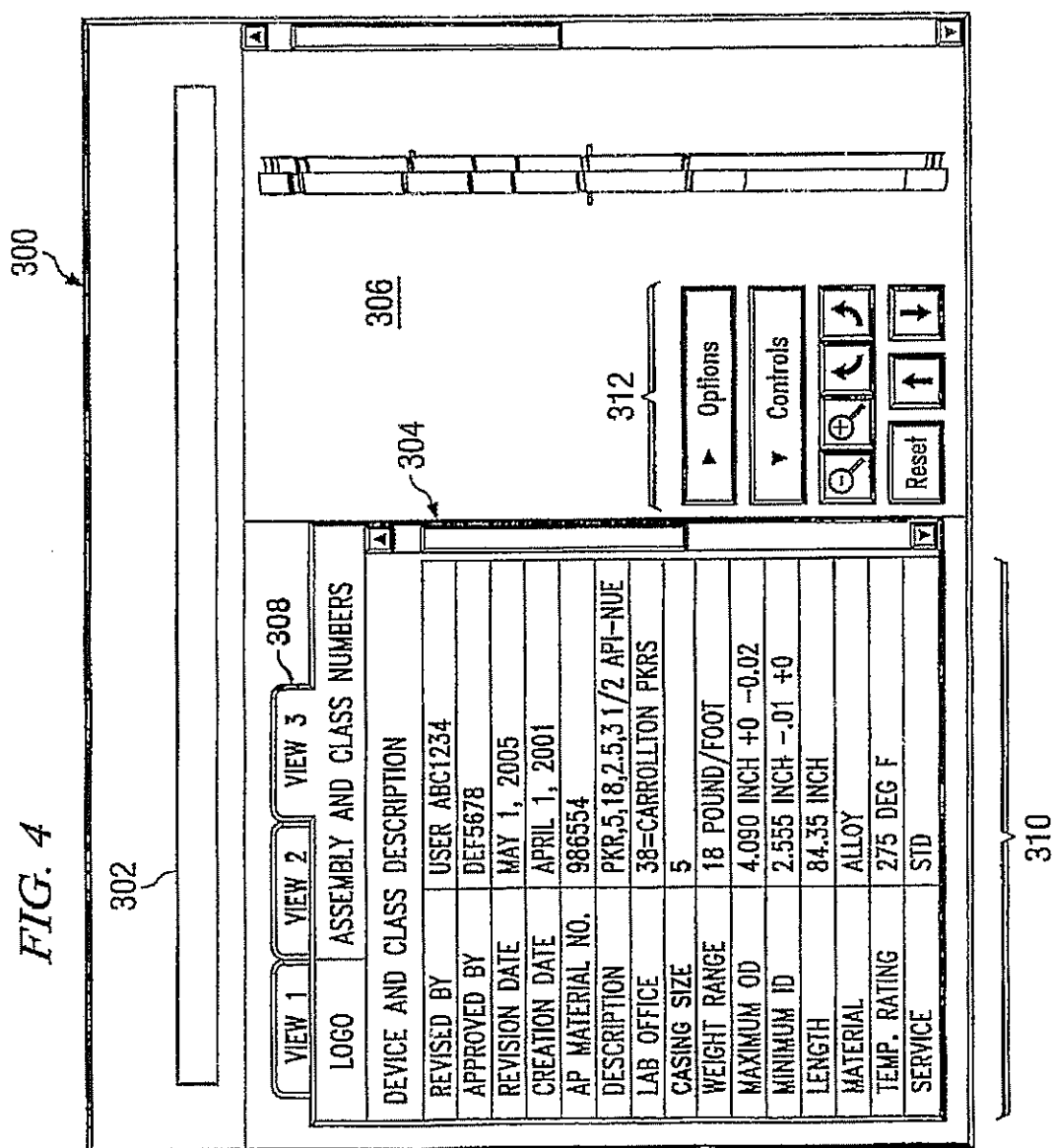
*FIG. 1*  
(PRIOR ART)



2/12

*FIG. 2*  
(PRIOR ART)*FIG. 3*

3/12



4/12

FIG. 5

302

300

402

404

406

312

410

412

VIEW: OVERVIEW 408 CONFIG: ASSEMBLY 410

| # | PART#  | QTY | DESCRIPTION           | OD   | ID   | LEN  | MATL  | 3D |
|---|--------|-----|-----------------------|------|------|------|-------|----|
| 1 | 101581 | 2   | SCR,SOC SET 1/4-28STL | 0    | 0    | 0    |       | N  |
| 2 | 101287 | 1   | SLV,SET,3,13/16,P-P   | 3.94 | 3.39 | 4.87 | C101  | Y  |
| 3 | 100729 | 12  | PIN,DRIV-LOK,AHR 5/16 | 0.31 | 0    | 1    | B1112 | N  |
| 4 | 100722 | 3   | SUB,TOP,VBA,5,5"STB   | 3.81 | 2.62 | 8.96 | C1213 | Y  |
| 5 | 27528  | 1   | RTNR,SPG,5-18X2.55    | 3.7  | 3.05 | 1.38 | ESMA1 | Y  |
| 6 | 101849 | 4   | WVE,SPR,OM,SSR-03N    | 3.8  | 3.6  | 0.26 |       | Y  |

LOGO ASSEMBLY AND CLASS NUMBERS BACK

Options

Controls

Reset

↑

↓

FIG. 6

300

506

302

502

508

504

FILE 512 DIMENSIONING HELP LOGO

VERIFICATION ☒ PULL OUT EDIT

12VBA19-ZA

AMS BOM

DATA 514

CONFIG: RUN IN 516

DESIGN MEAS. 520

ID: 5.02

OD: 8.3

LEN: 83.08

DEPTH 9003

CONVERT TO REF. TOOL

CONNECTIONS 510 522

COMPLETION TOOLS

| 3D                                  | DEPTH  | PART#    | DESCRIPTION       |
|-------------------------------------|--------|----------|-------------------|
| <input checked="" type="checkbox"/> | 9003   | 12VBA19  | PKR,9 5/8,47-53.5 |
| <input checked="" type="checkbox"/> | 9006.9 | 12P98900 | SUB,BOT,7 3/8-8   |

SERVICE TOOLS

6/12

FIG. 7

300

504

508

510

530

502

302

LEN: 83.08 9003

CONVERT TO REF. TOOL

PREV NEXT

CONNECTIONS

COMPLETION TOOLS

| 3D                                  | DEPTH  | PART#    | DESCRIPTION       |
|-------------------------------------|--------|----------|-------------------|
| <input checked="" type="checkbox"/> | 9003   | 12VBA19  | PKR,9 5/8,47-53.5 |
| <input checked="" type="checkbox"/> | 9006.9 | 12P98900 | SUB,BOT,7 3/8-8   |

SERVICE TOOLS

RESOLUTION 532 INTERFERENCE 534

EVENT 01 OF 01 EVENT 01 OF 17

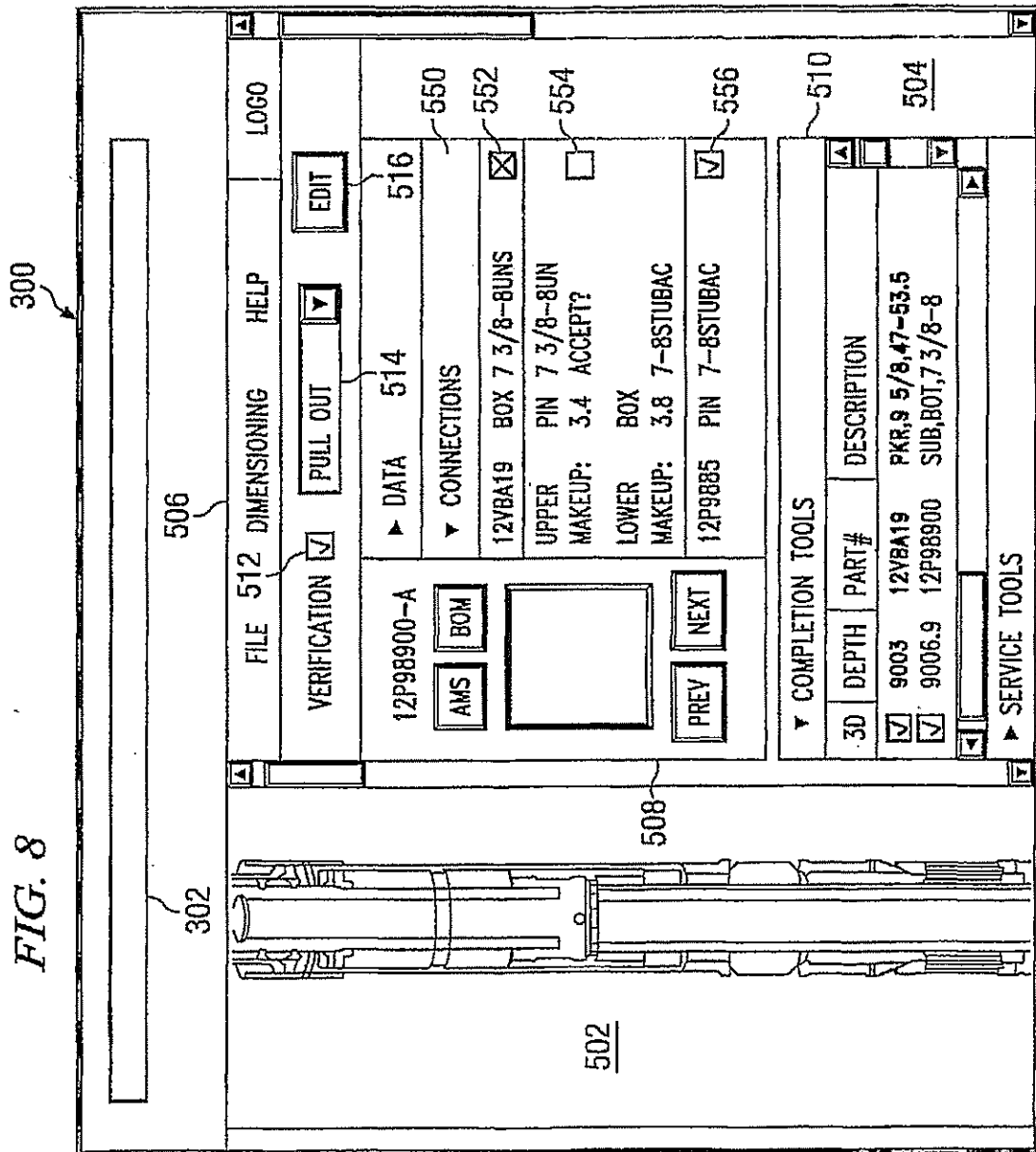
SVC POSITION SERVICE: S12MPA57

COMPLTN: 12VBA19Z

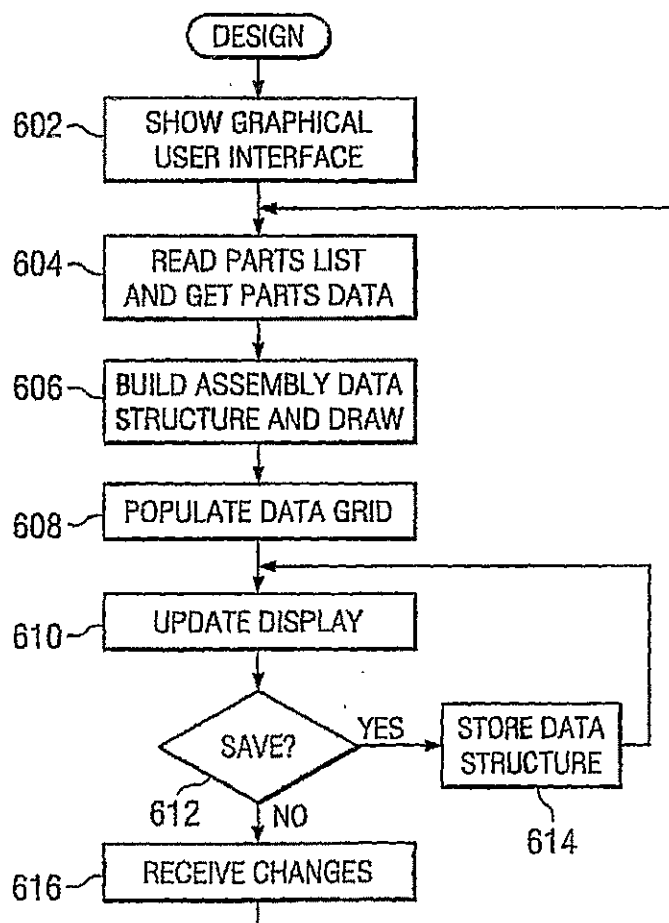
9003 540 OVERLAP: 3.01" 536

REPORT 542 SUPPRESS? ☐ 538

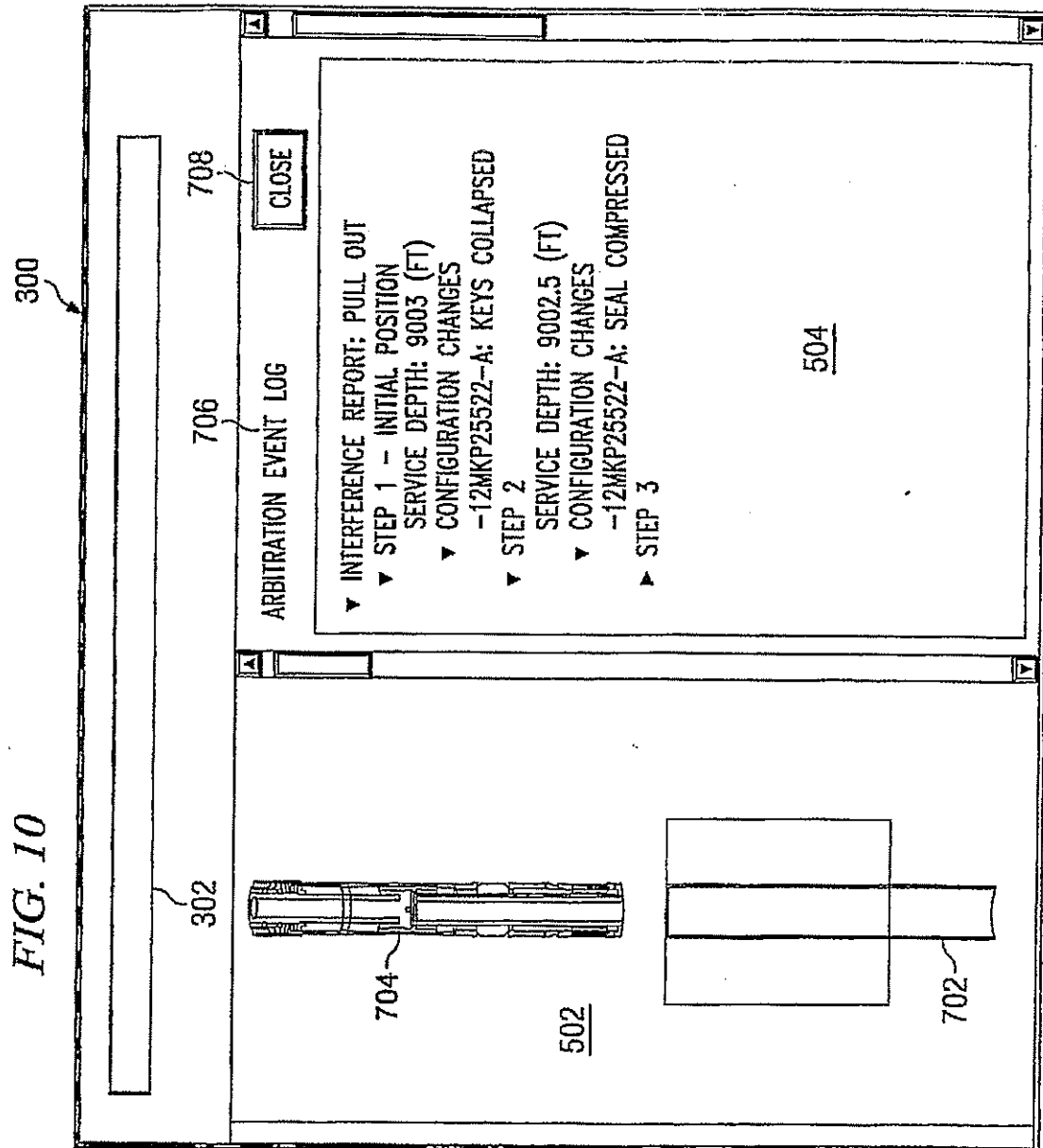
7/12



8/12

*FIG. 9*

9/12



10/12

FIG. 11

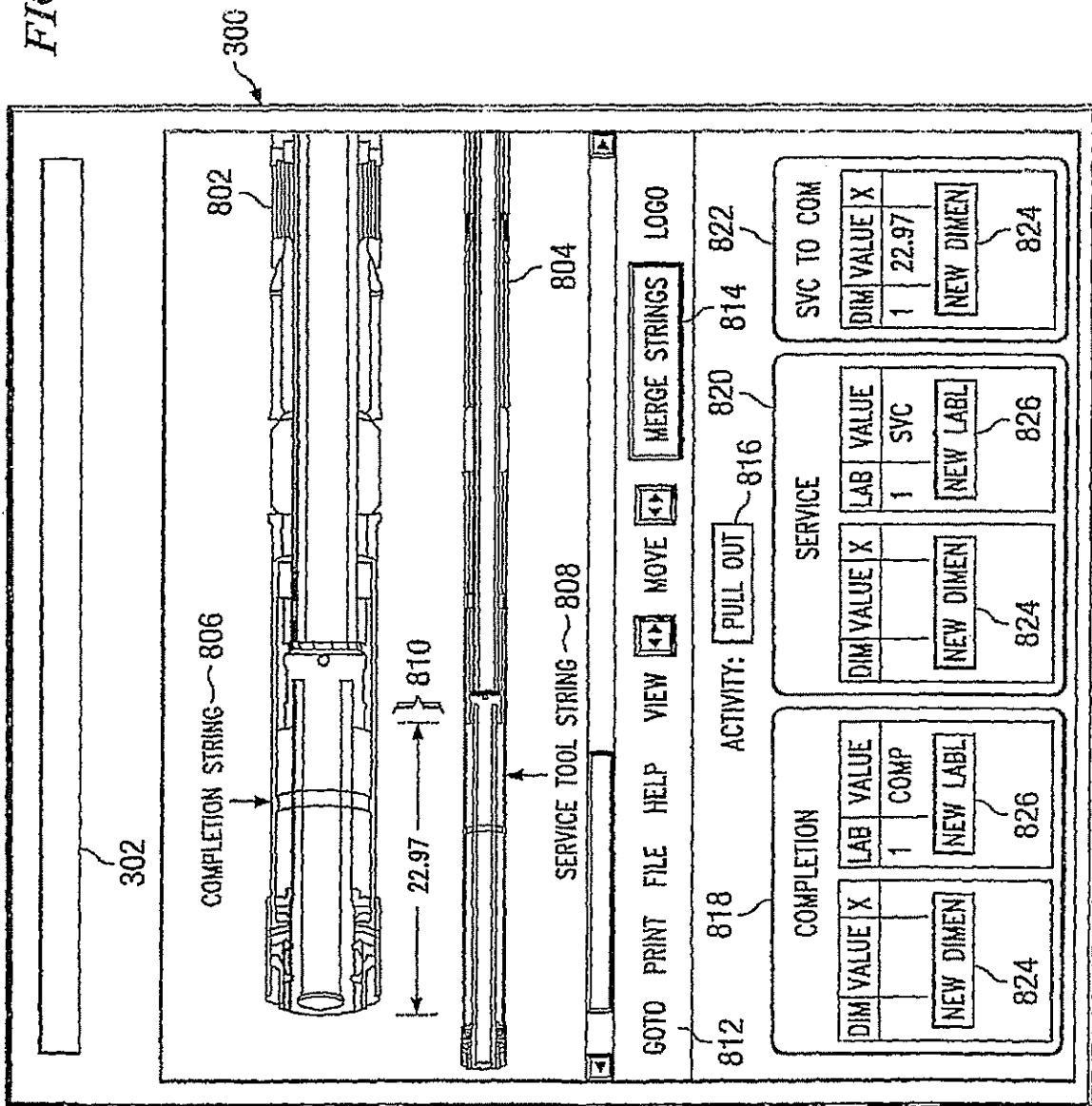
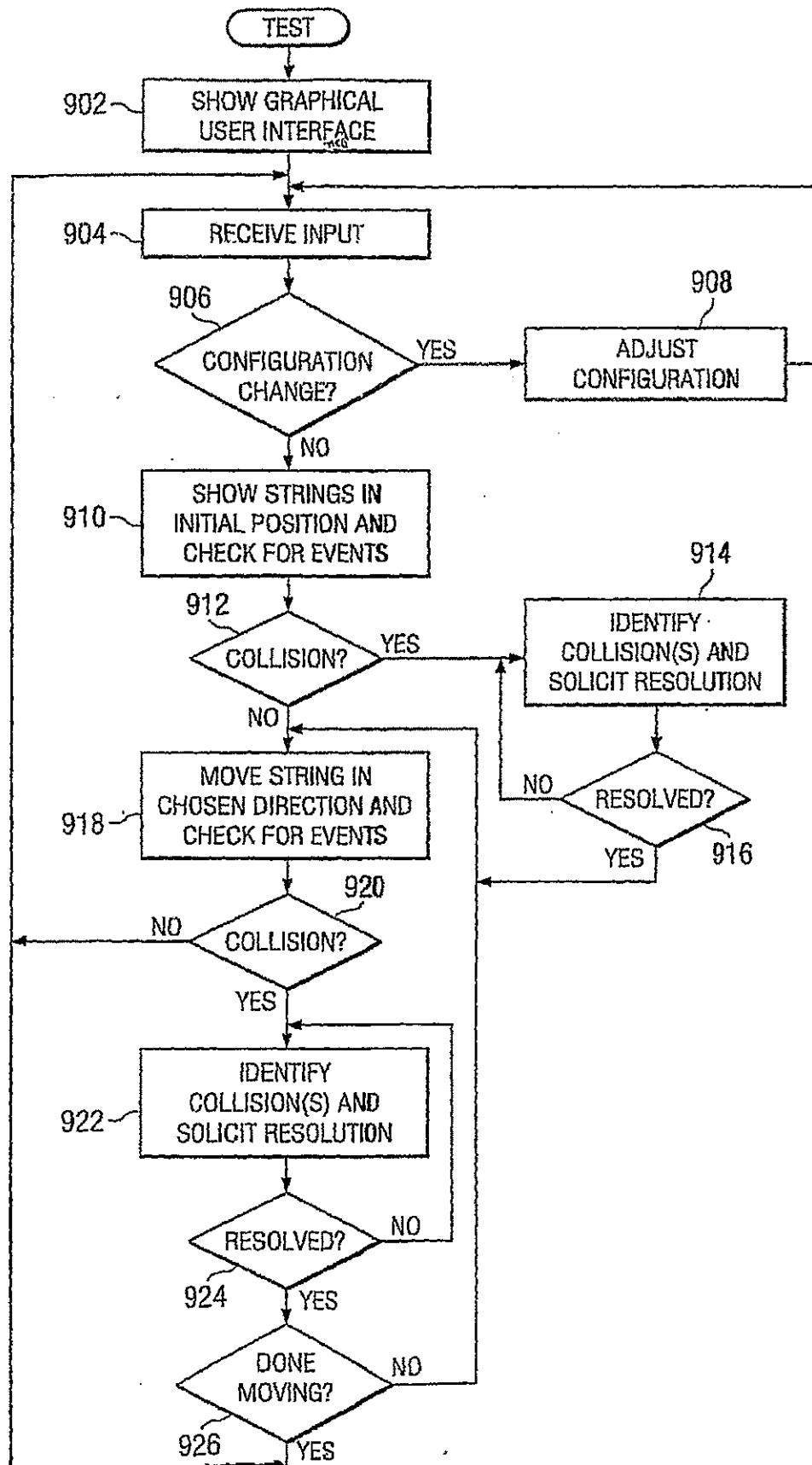


FIG. 12 11/12



12/12

*FIG. 13*