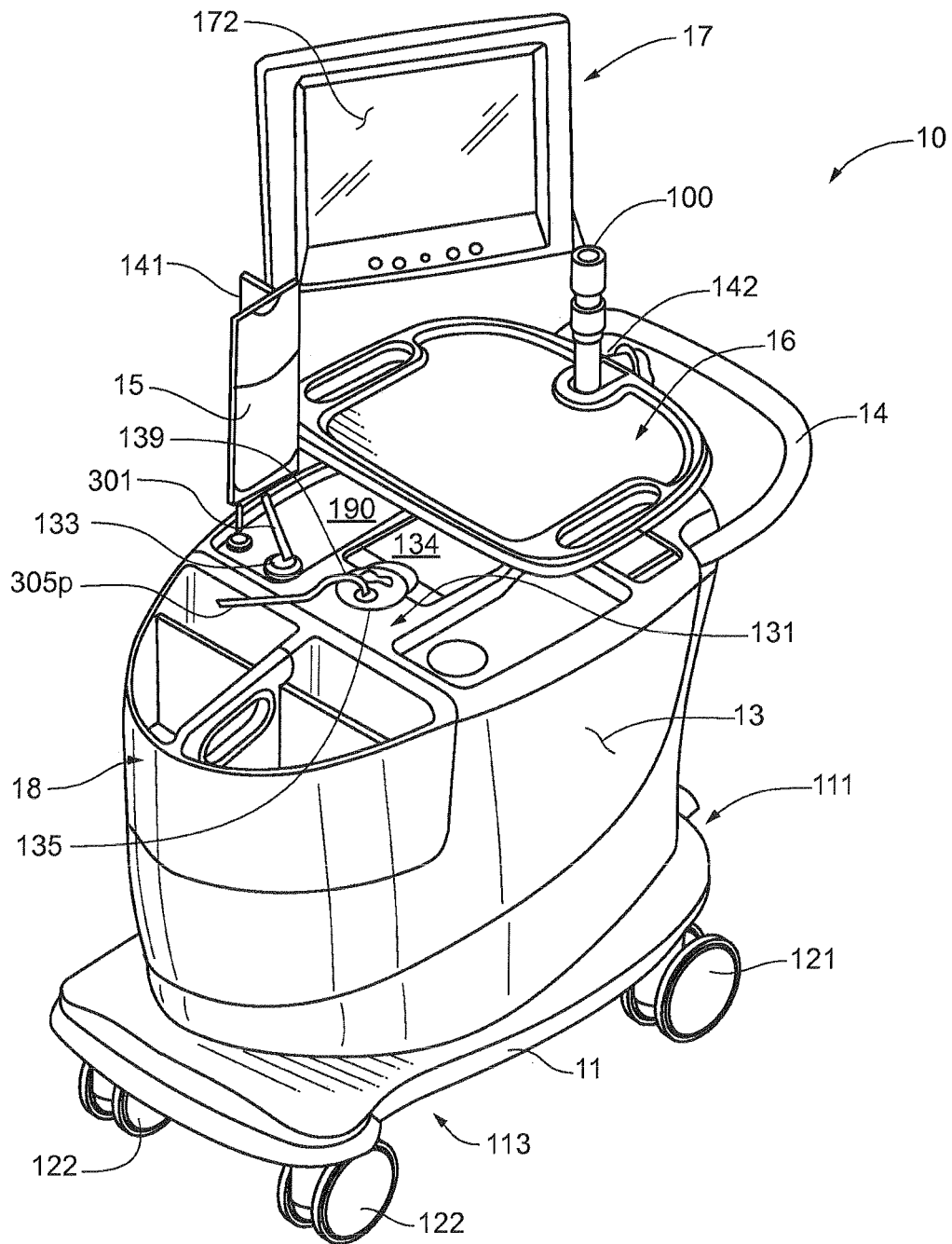
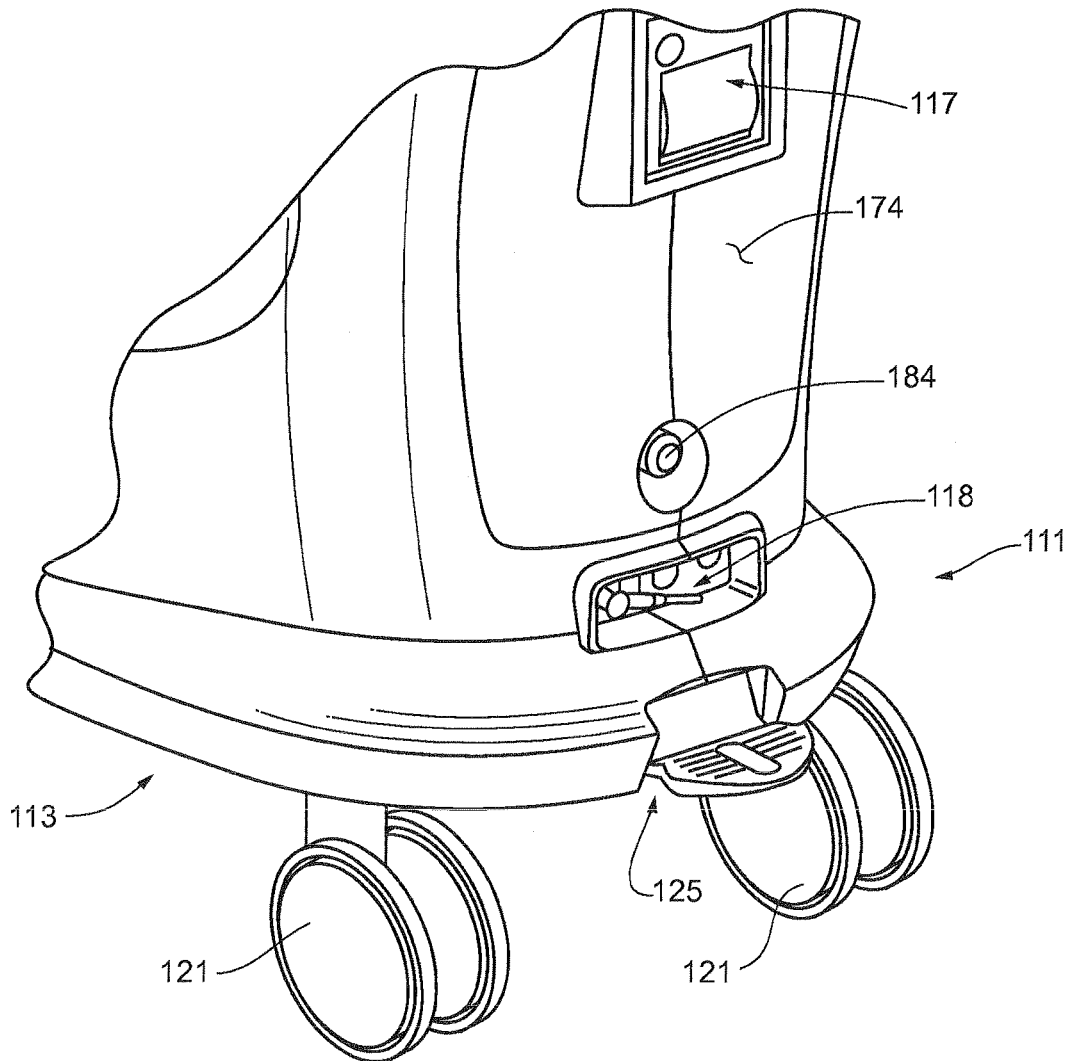
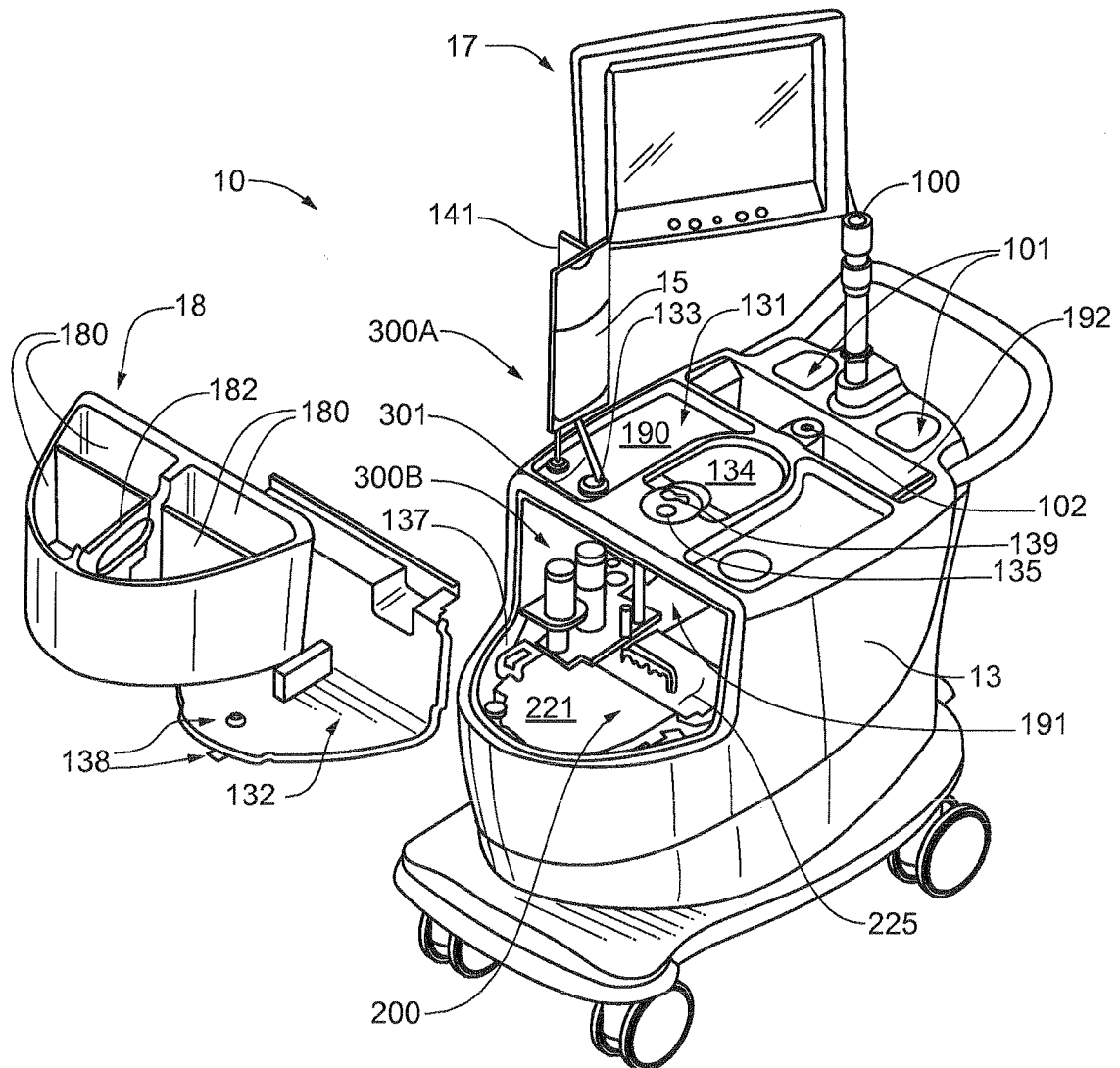
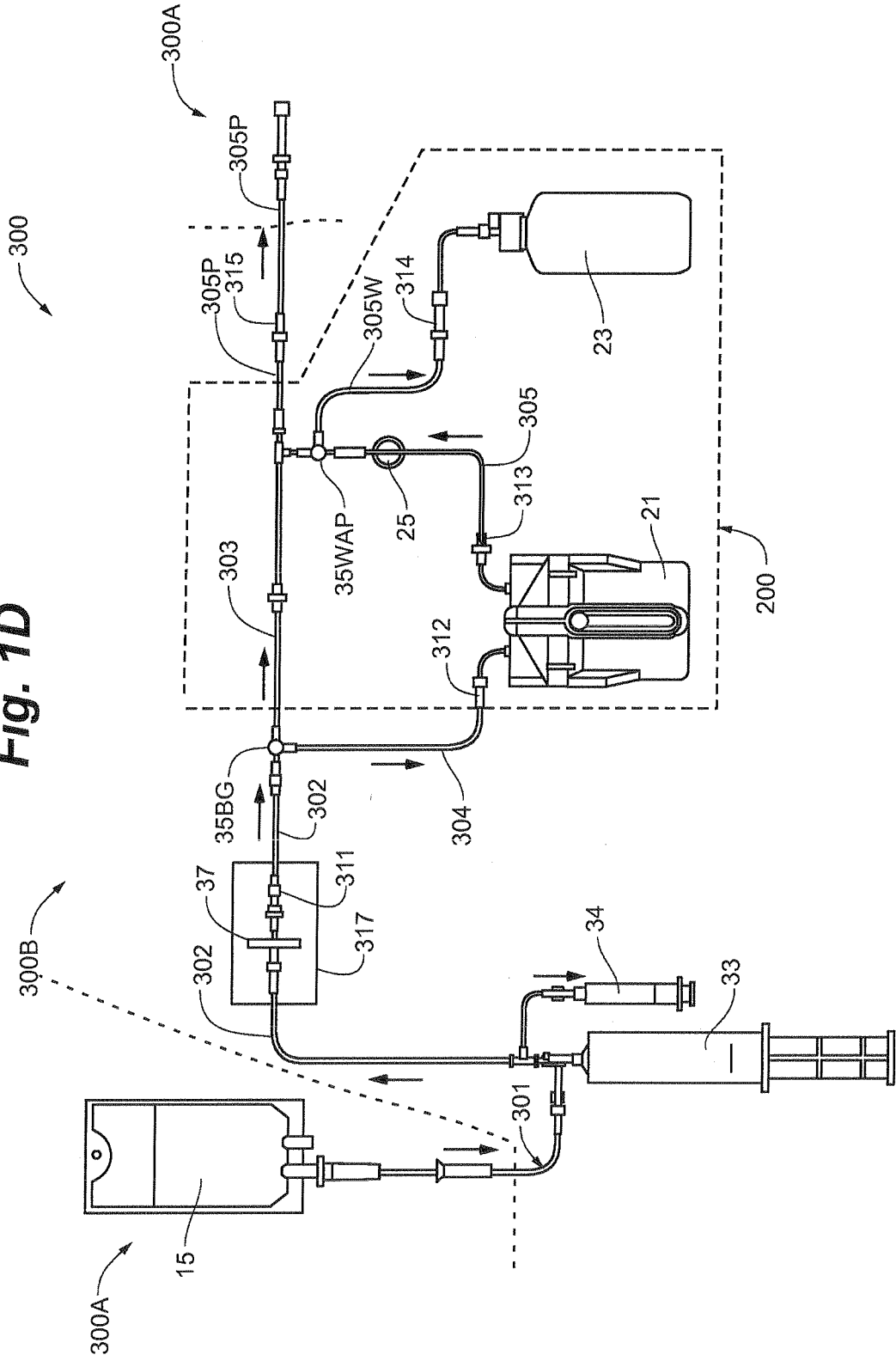


**Fig. 1A**

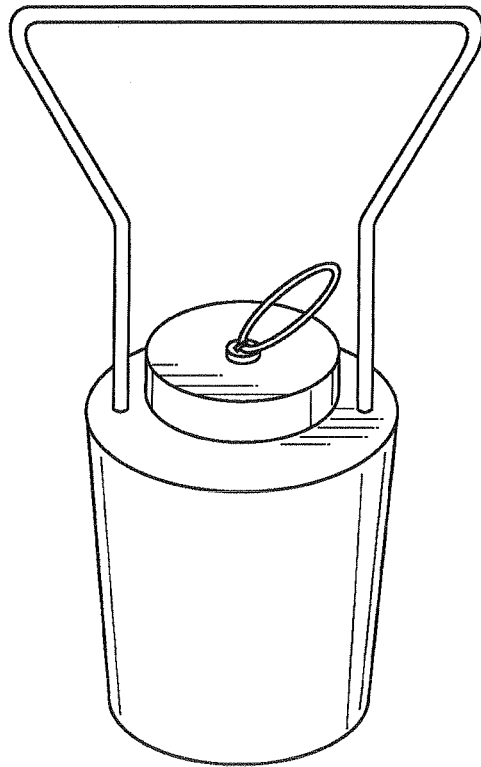
**Fig. 1B**

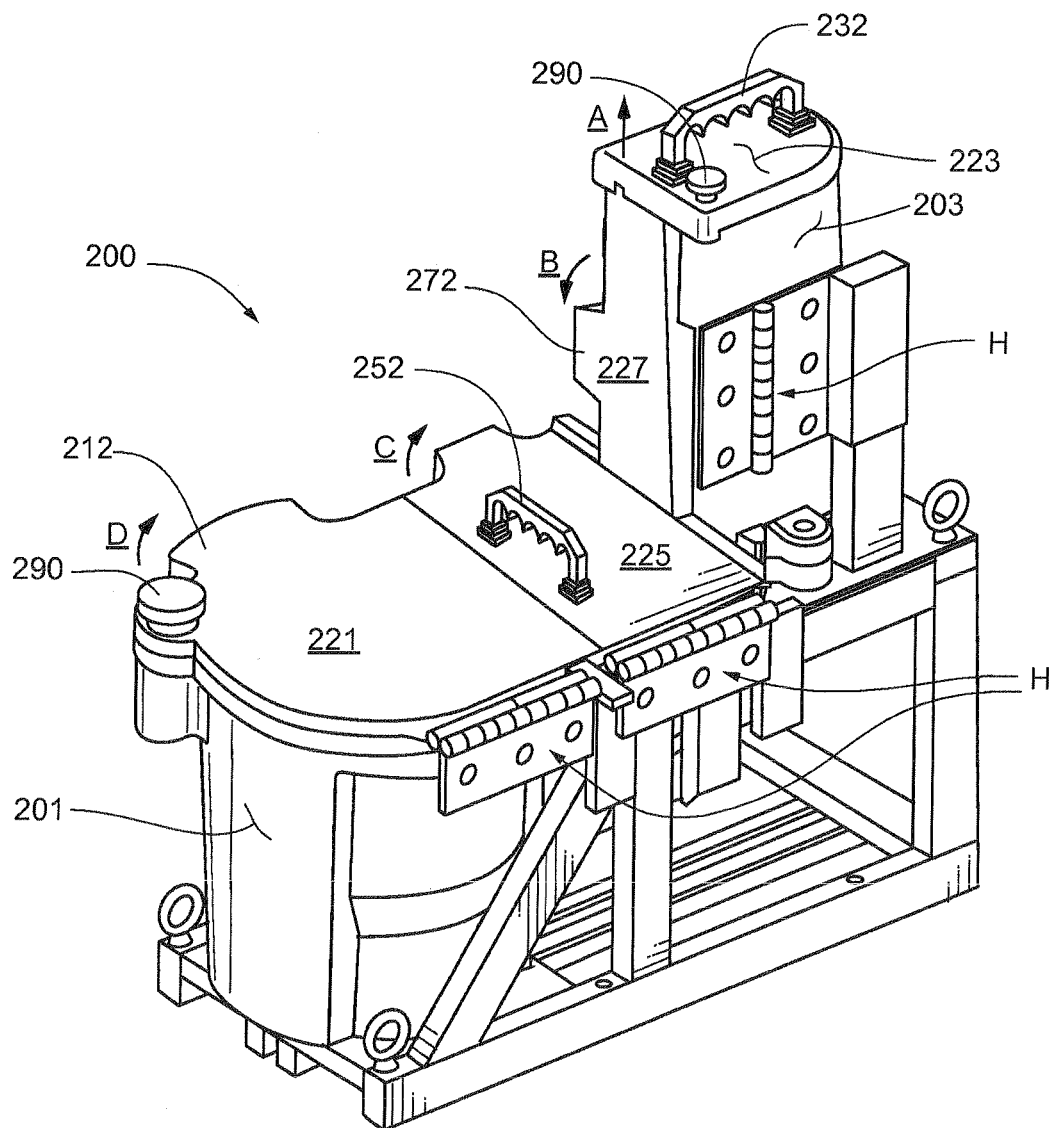
**Fig. 1C**

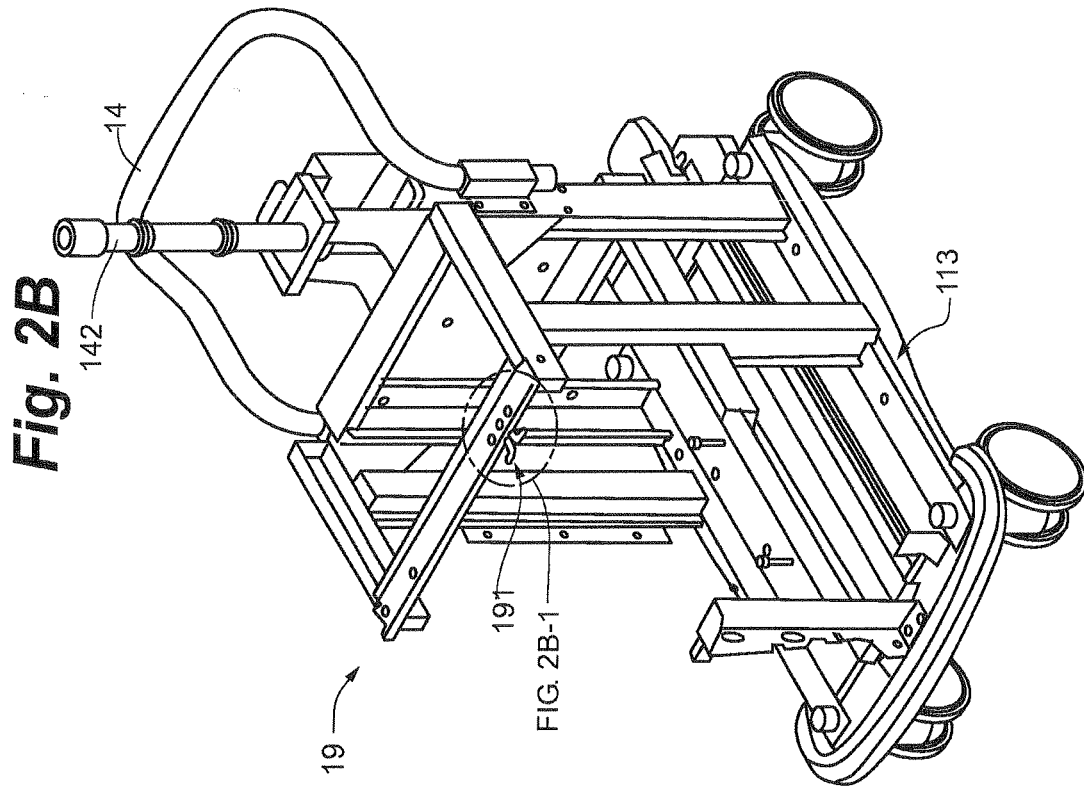
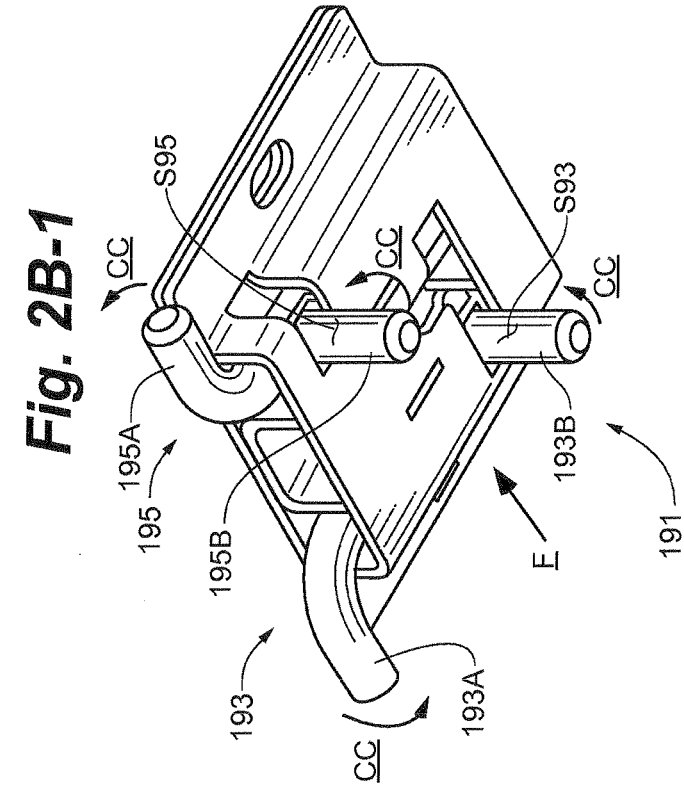
**Fig. 1D**

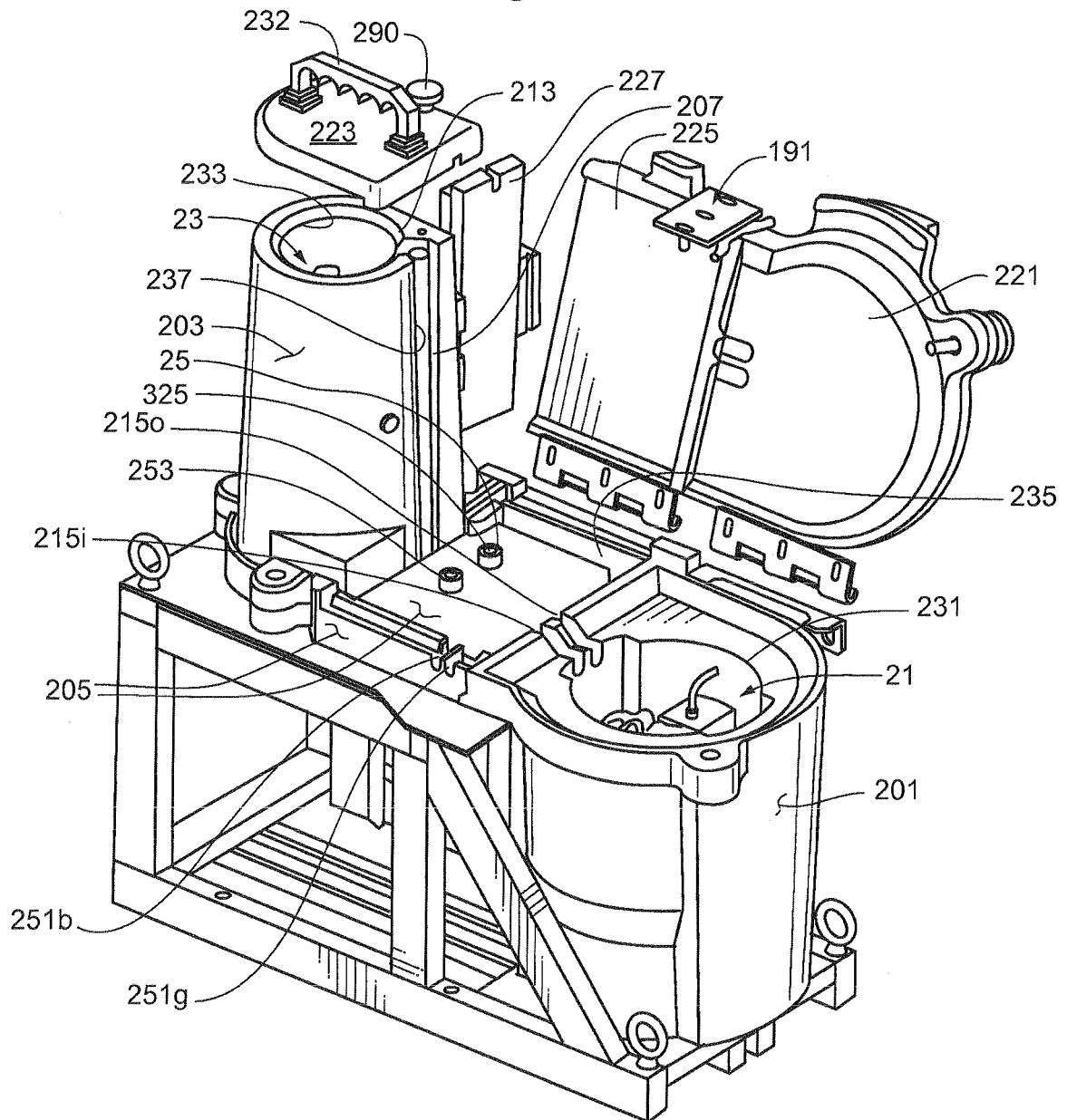


***Fig. 1E***

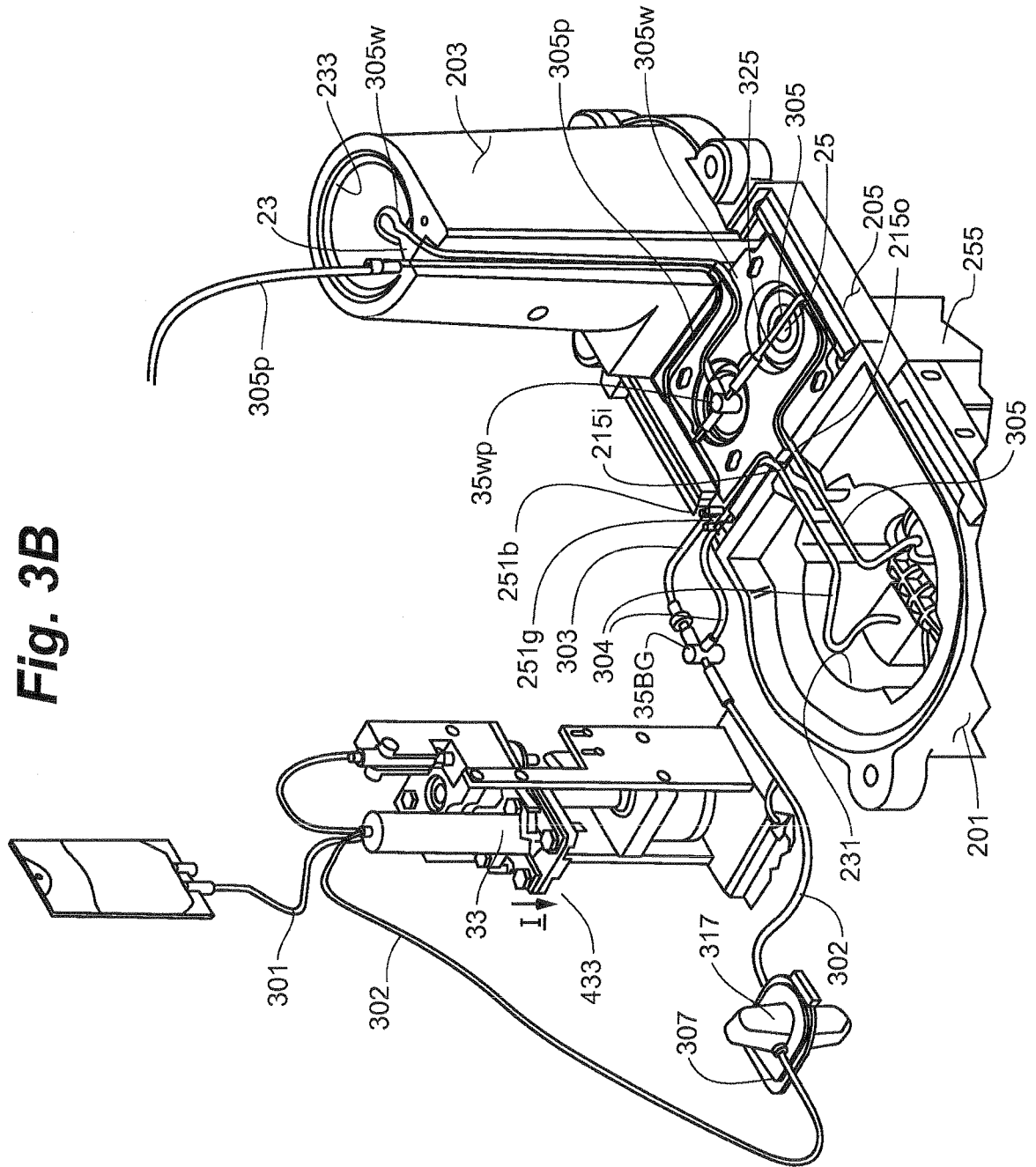


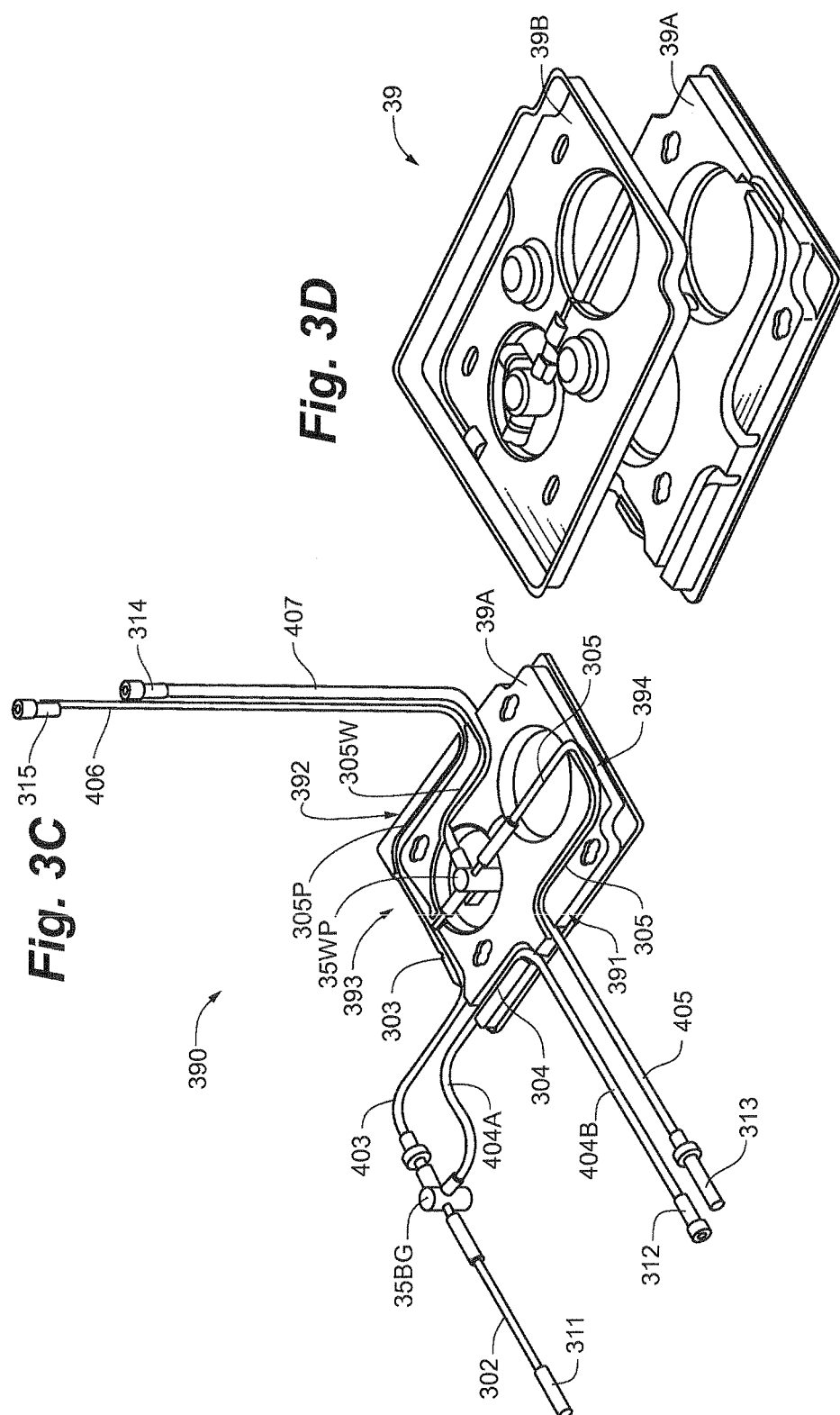




**Fig. 3A**

**Fig. 3B**





**Fig. 4**

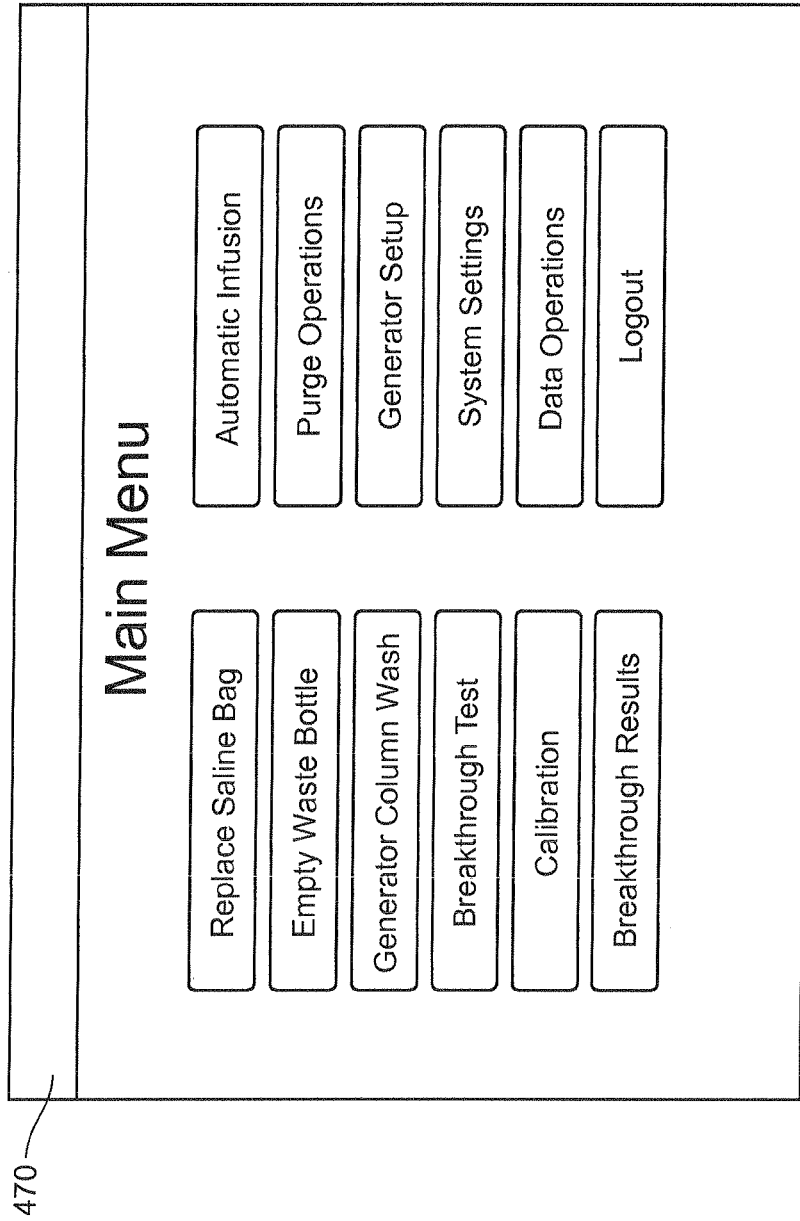
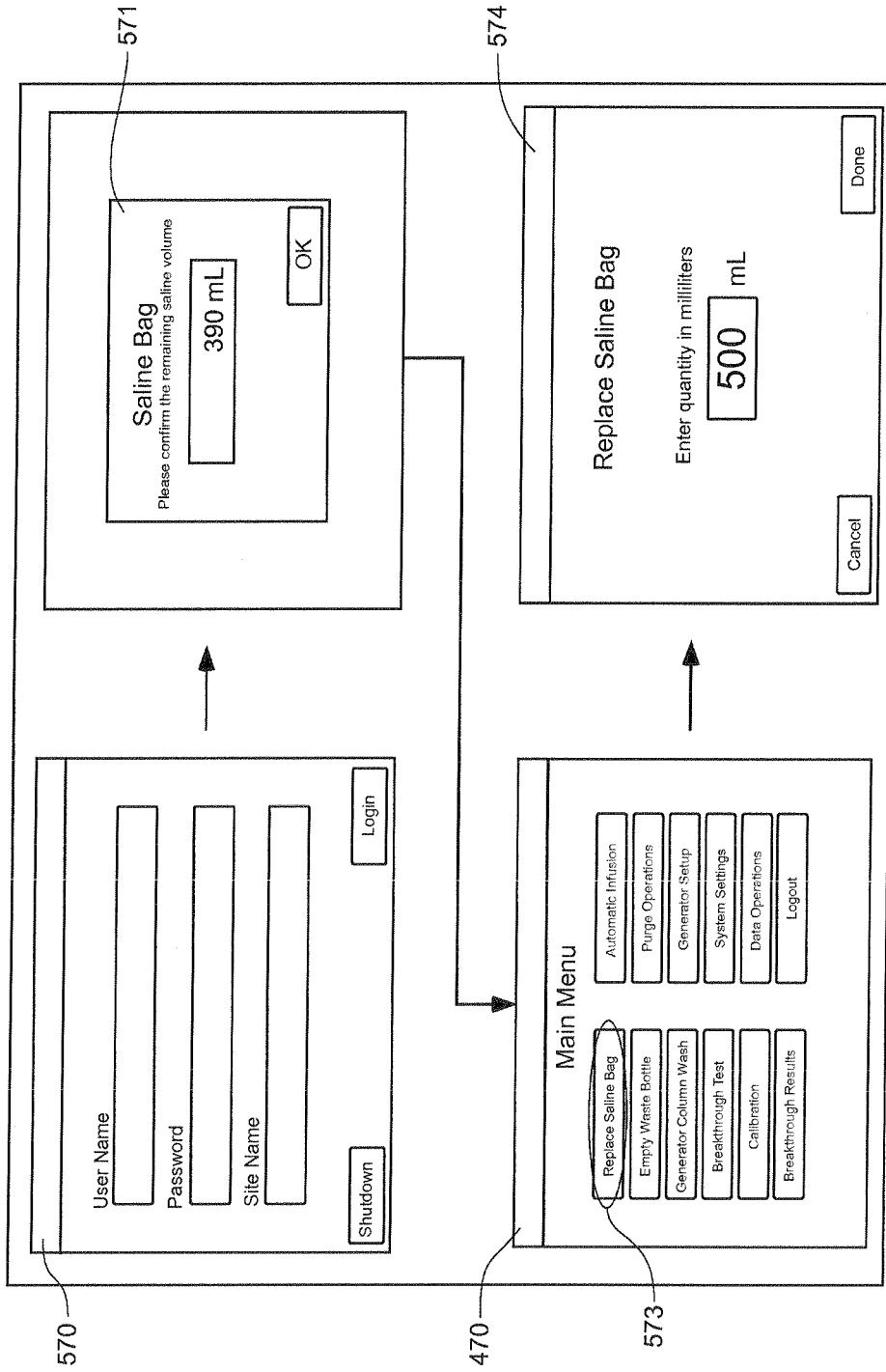
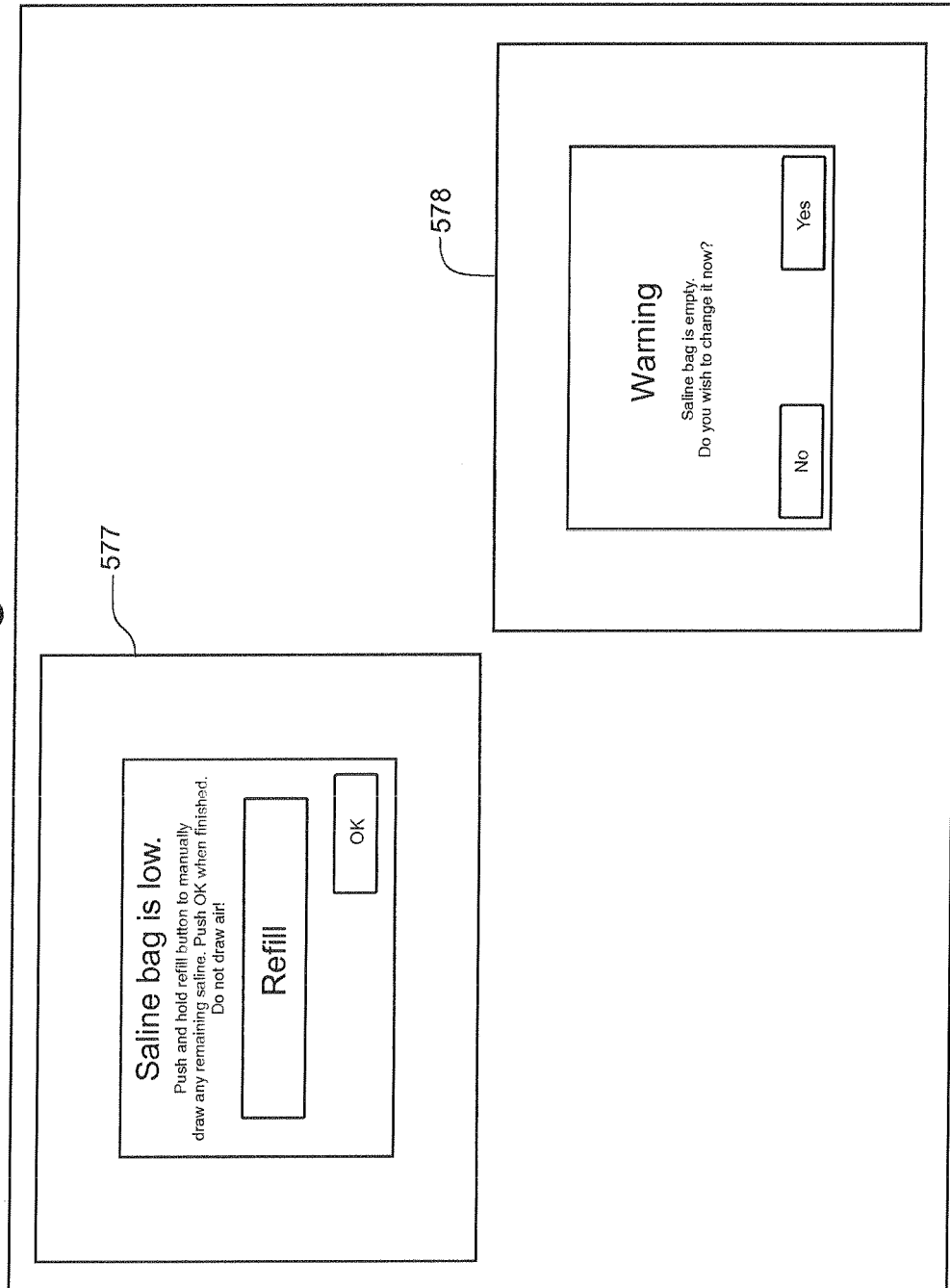


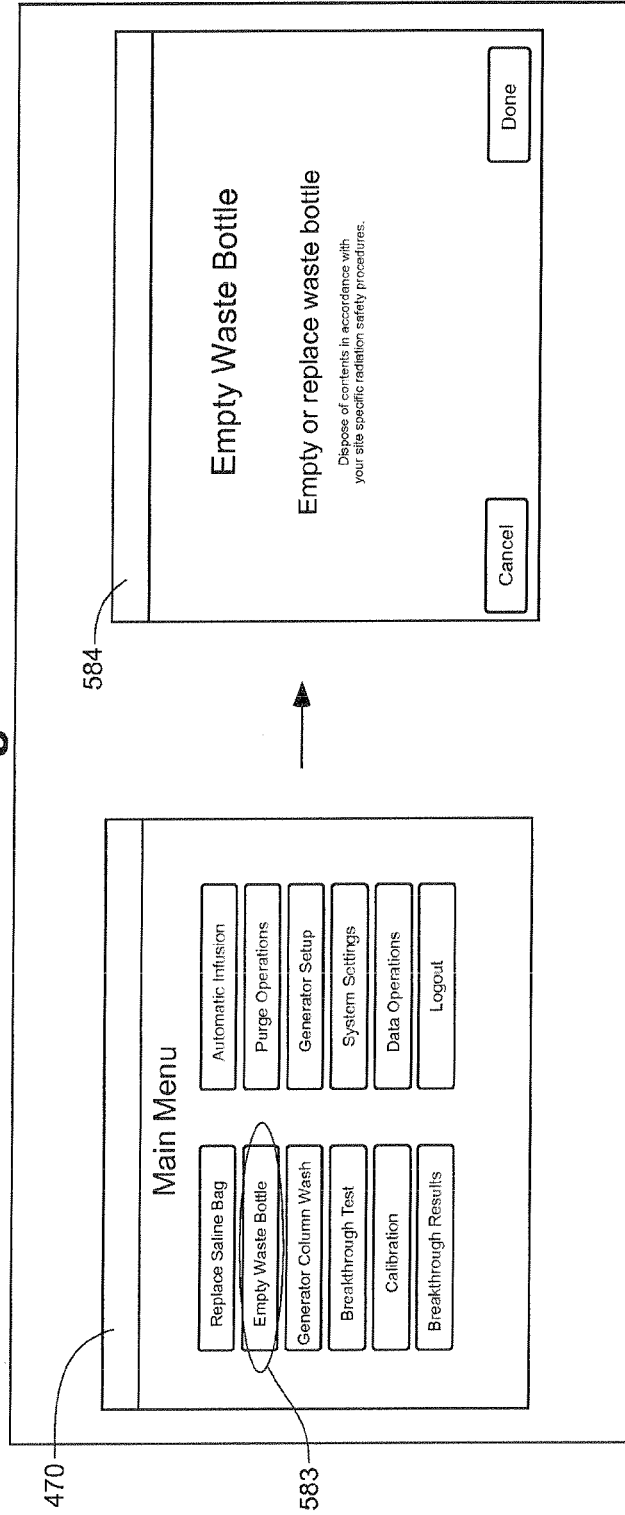
Fig. 5A



**Fig. 5B**



**Fig. 5C**



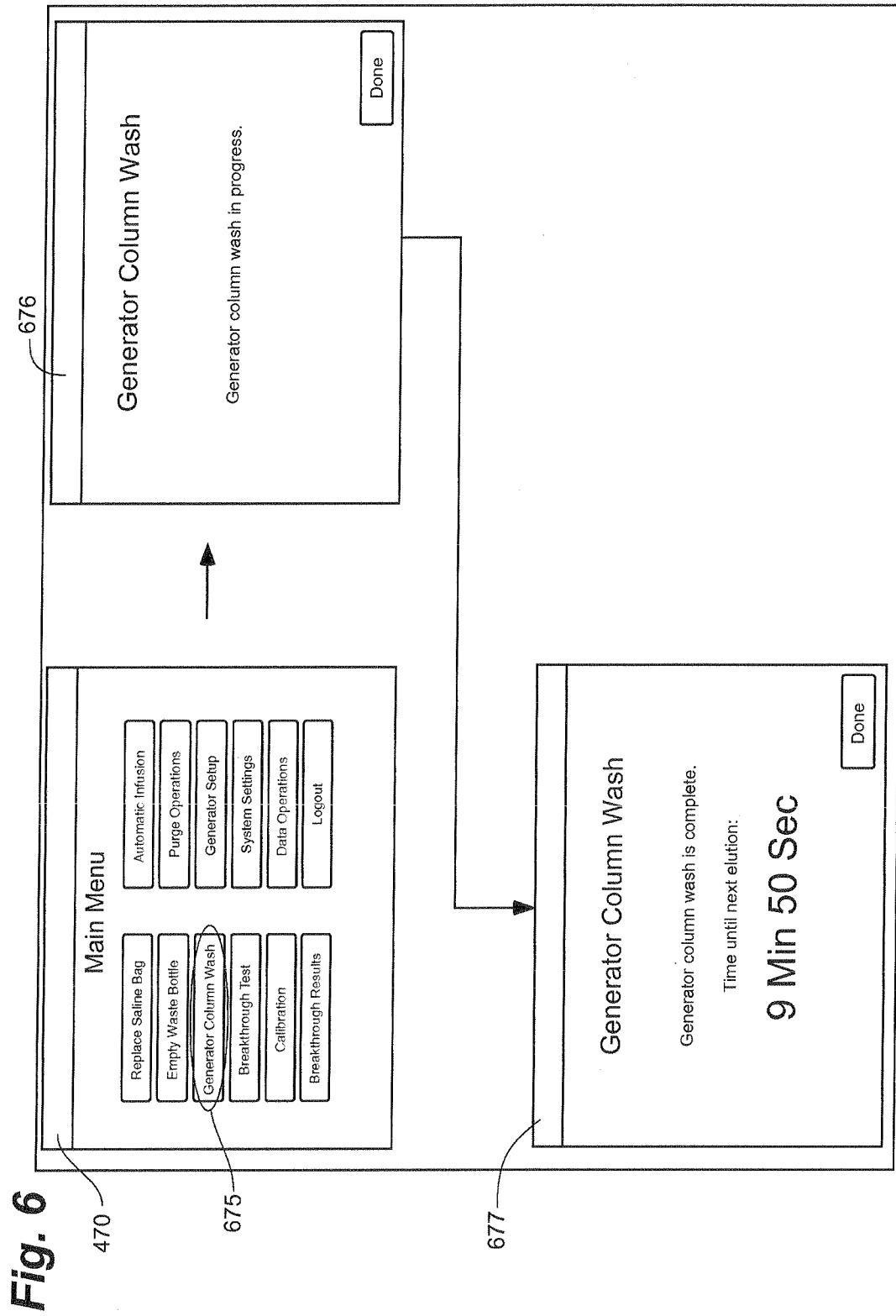


Fig. 7A

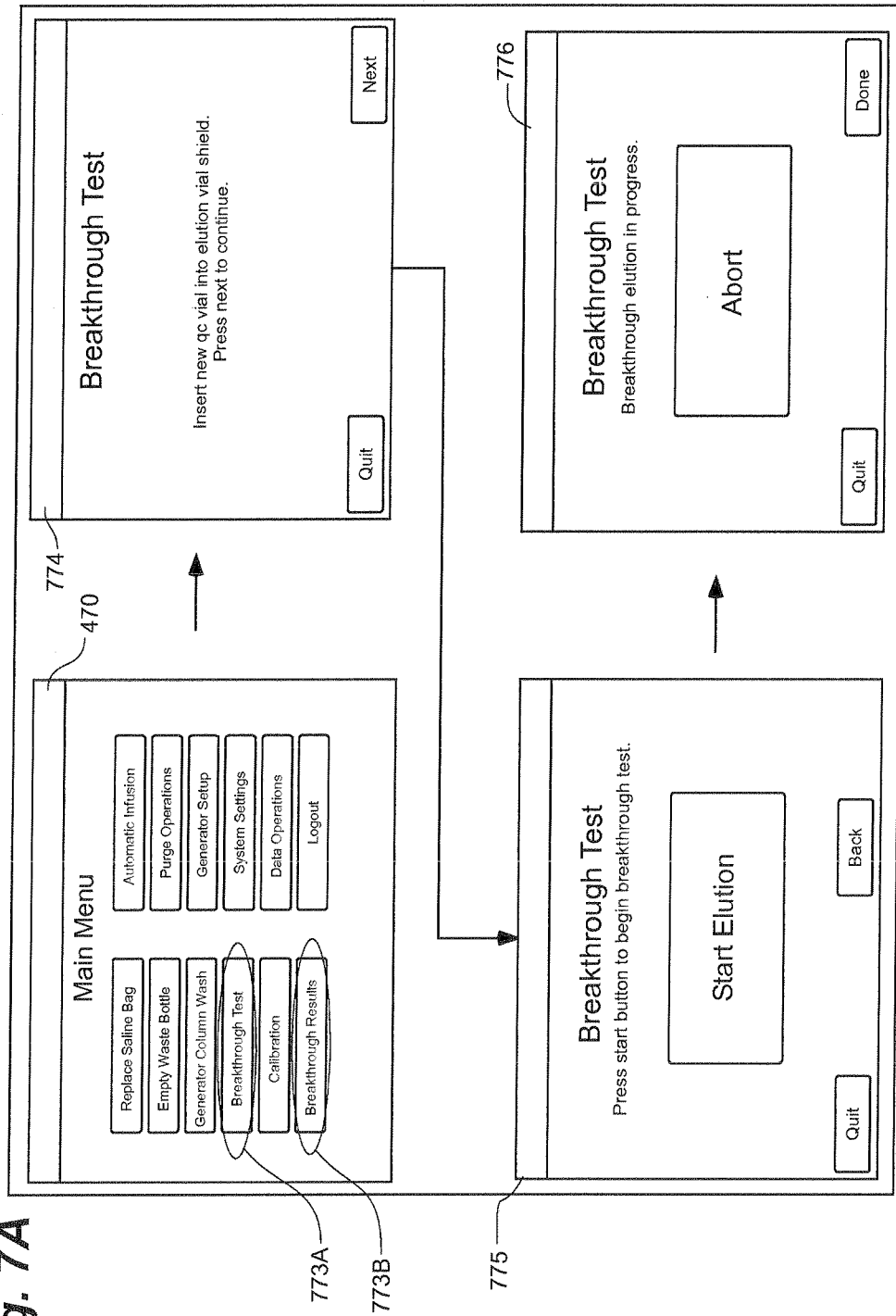


Fig. 7B

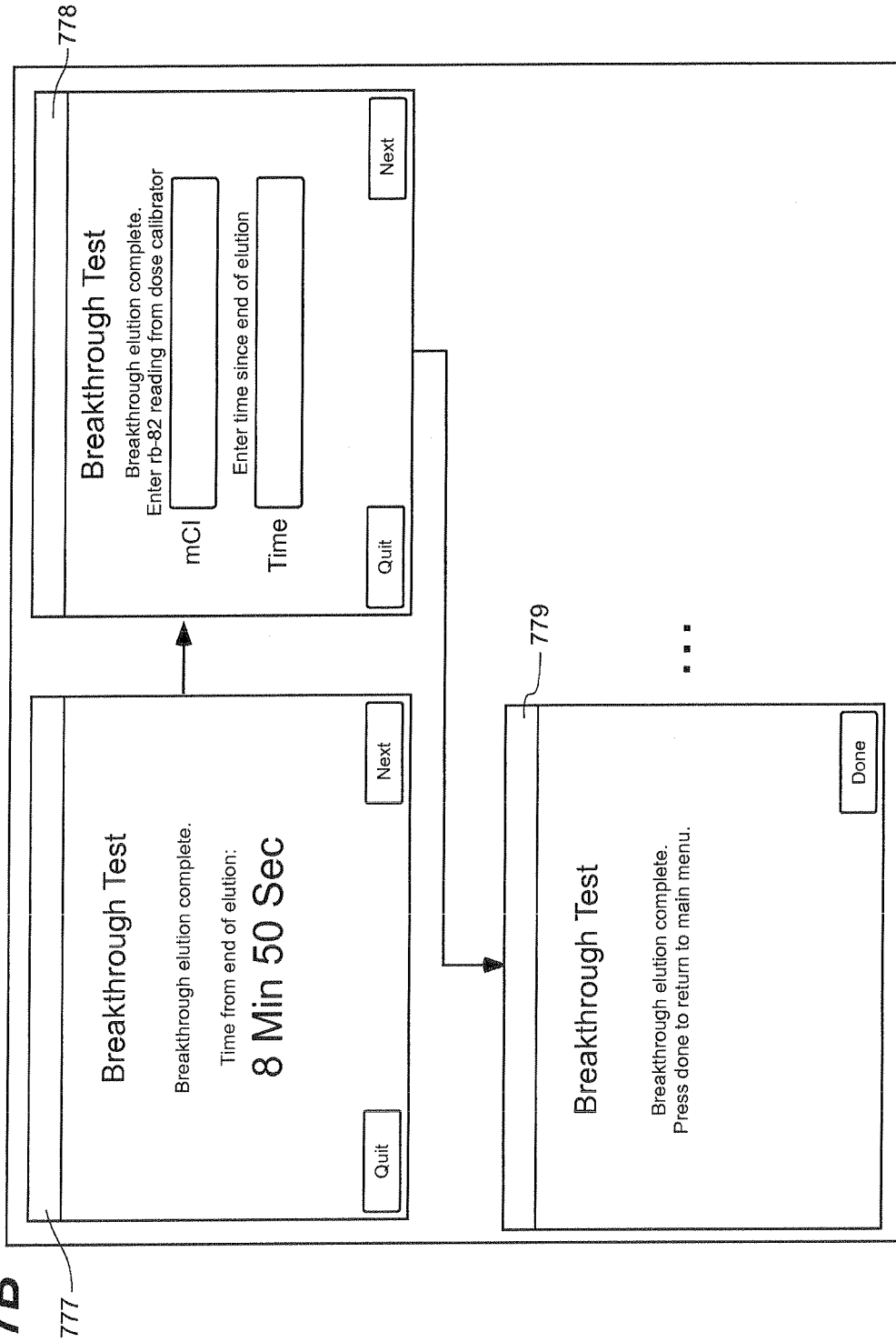


Fig. 7C

781
...

### Breakthrough Test

Breakthrough elution complete.

mCi 54.5 Time 2 Min 30 Sec

Enter breakthrough reading at 60 min

uCi

Enter background radiation reading  
 uCi

Quit
Time 53 Min 20 Sec
Next

→

782

### Breakthrough Test

Breakthrough test complete.

Results:

Sr-82/Rb-82 = 0.0005 uCi / mCi

Sr-85/Rb-82 = 0.11 uC / mCi

Results should not exceed allowable limits:

Sr-82/Rb-82 < 0.02 uCi / mCi

Sr-85/Rb-82 < 0.02 uCi / mCi

Back
Done

Fig. 8A

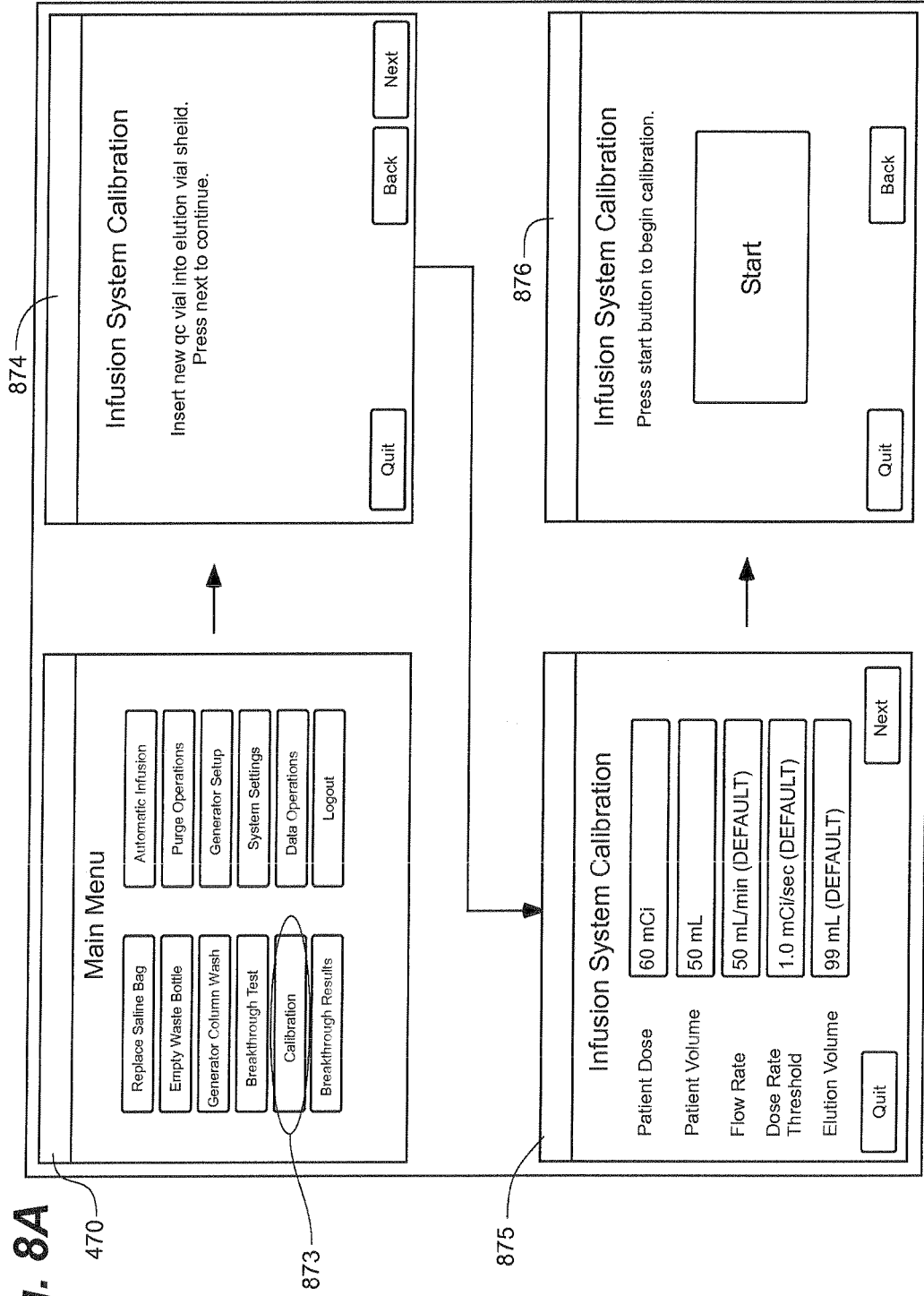
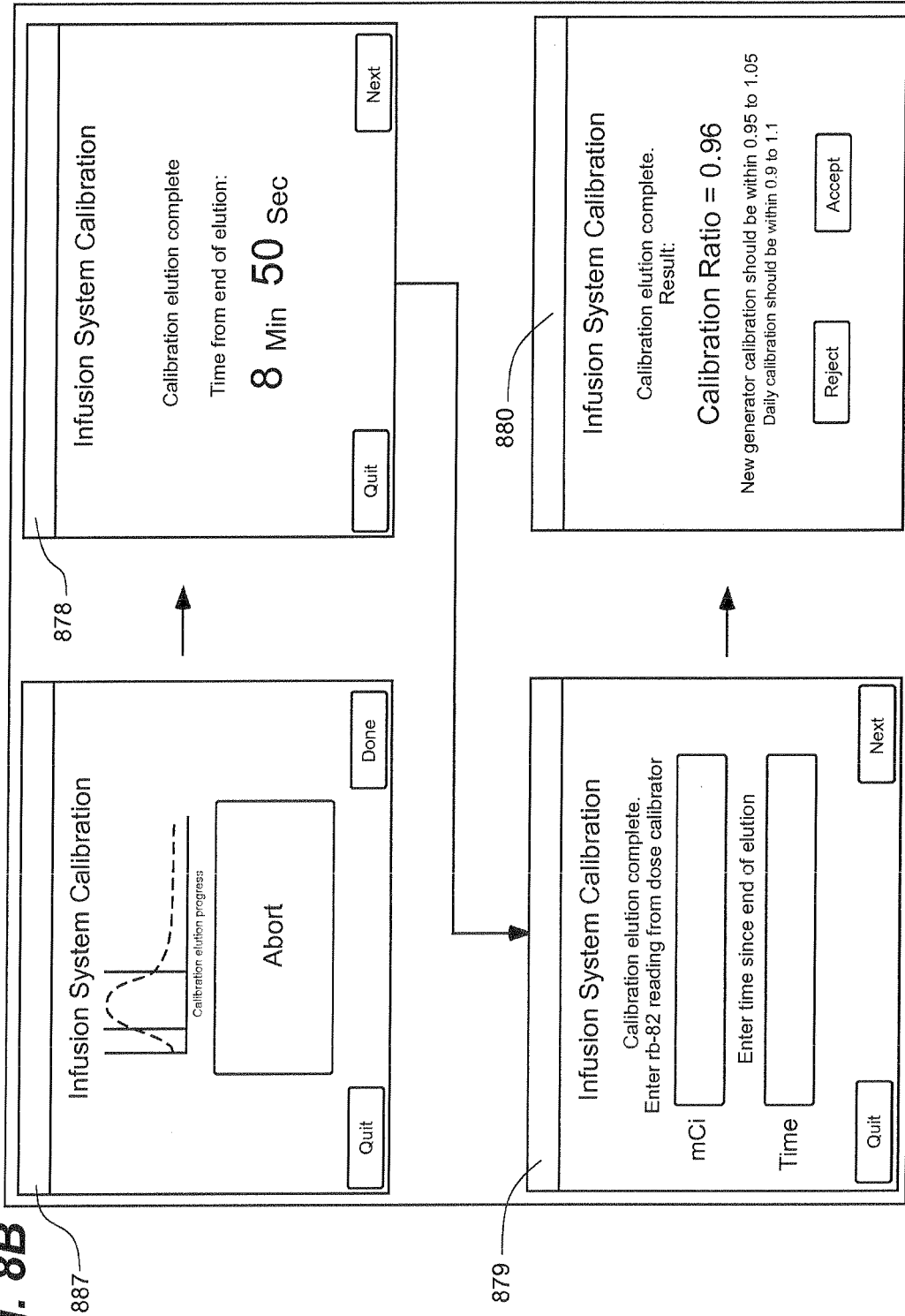
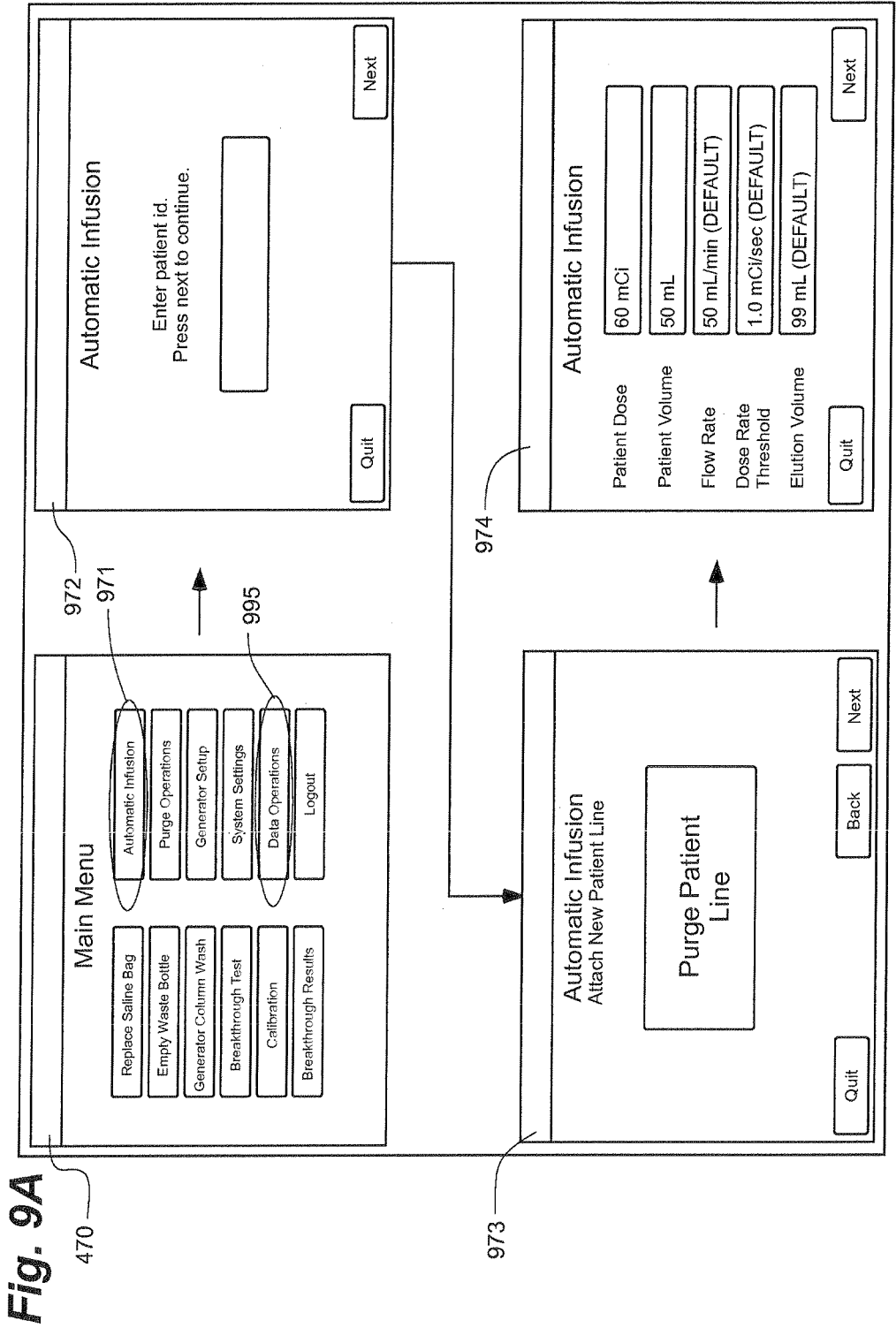
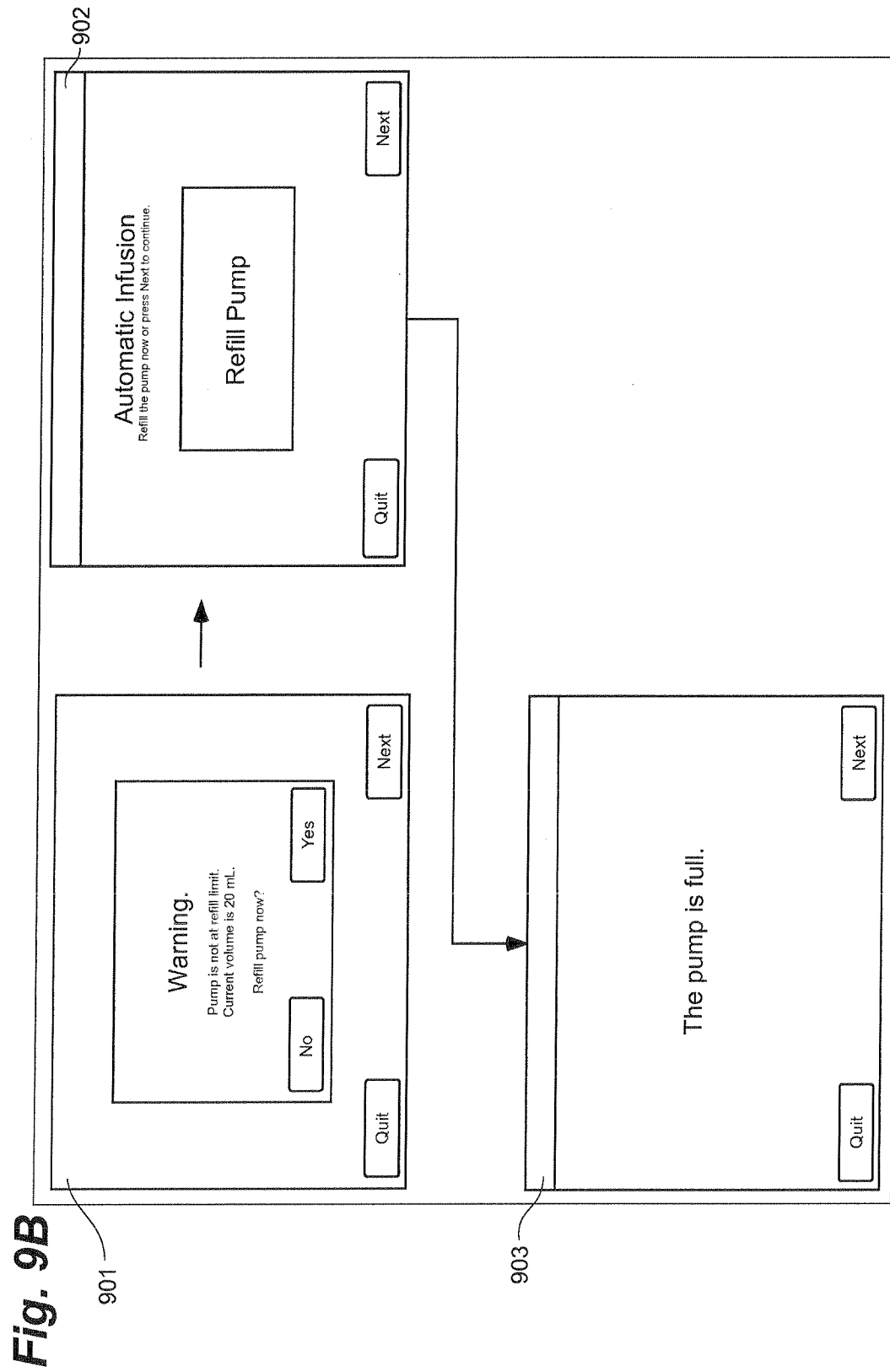
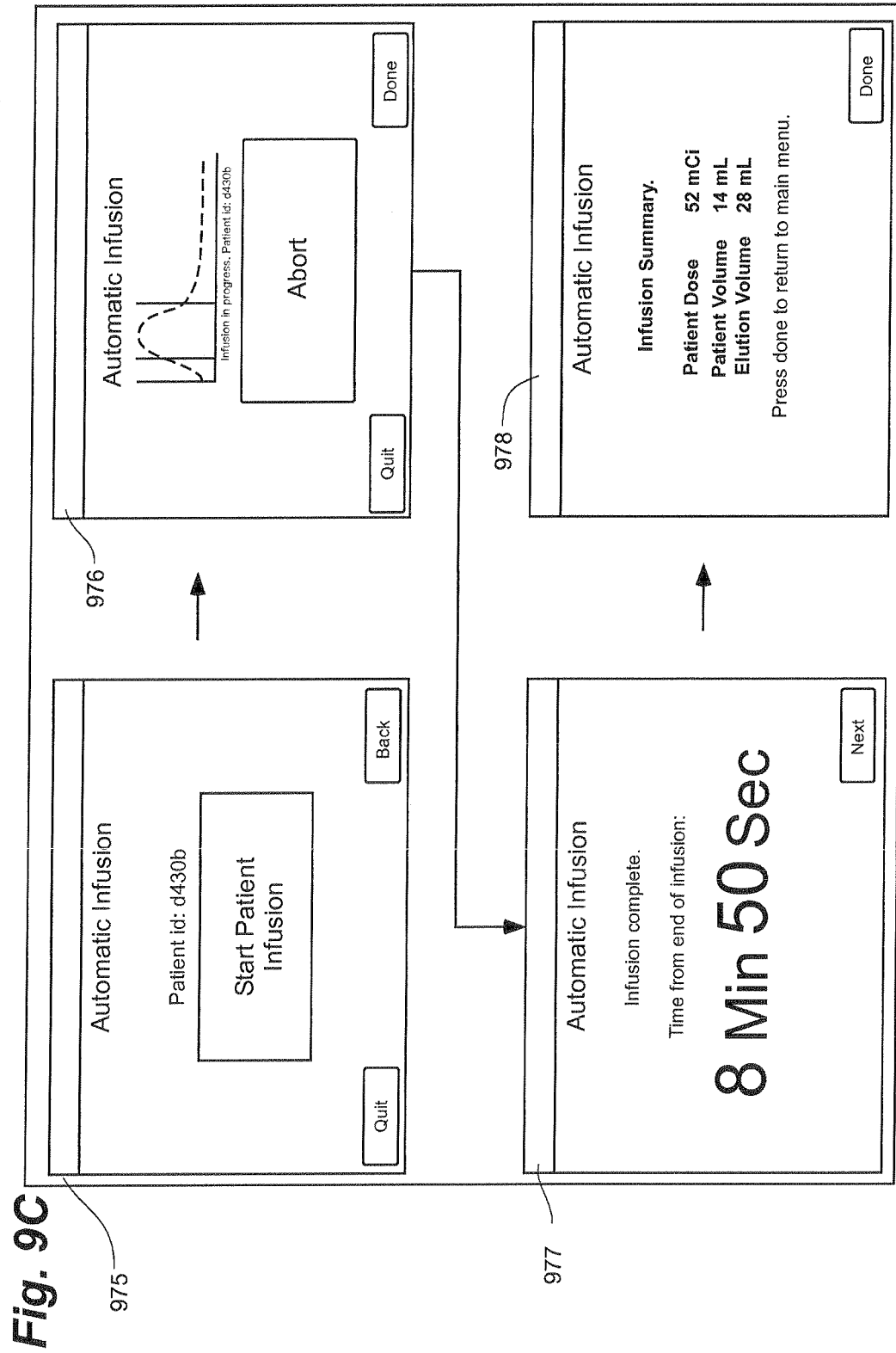


Fig. 8B









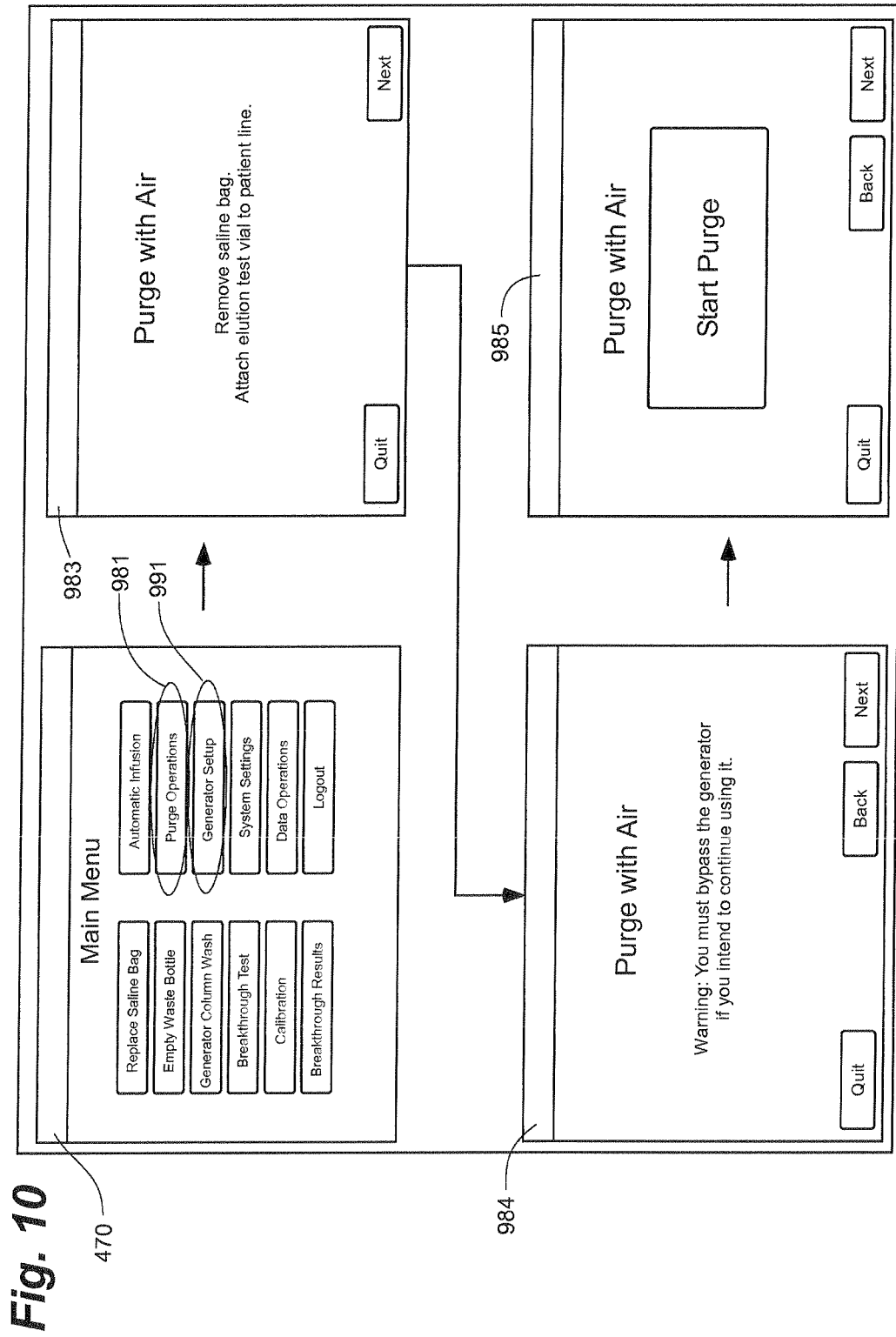
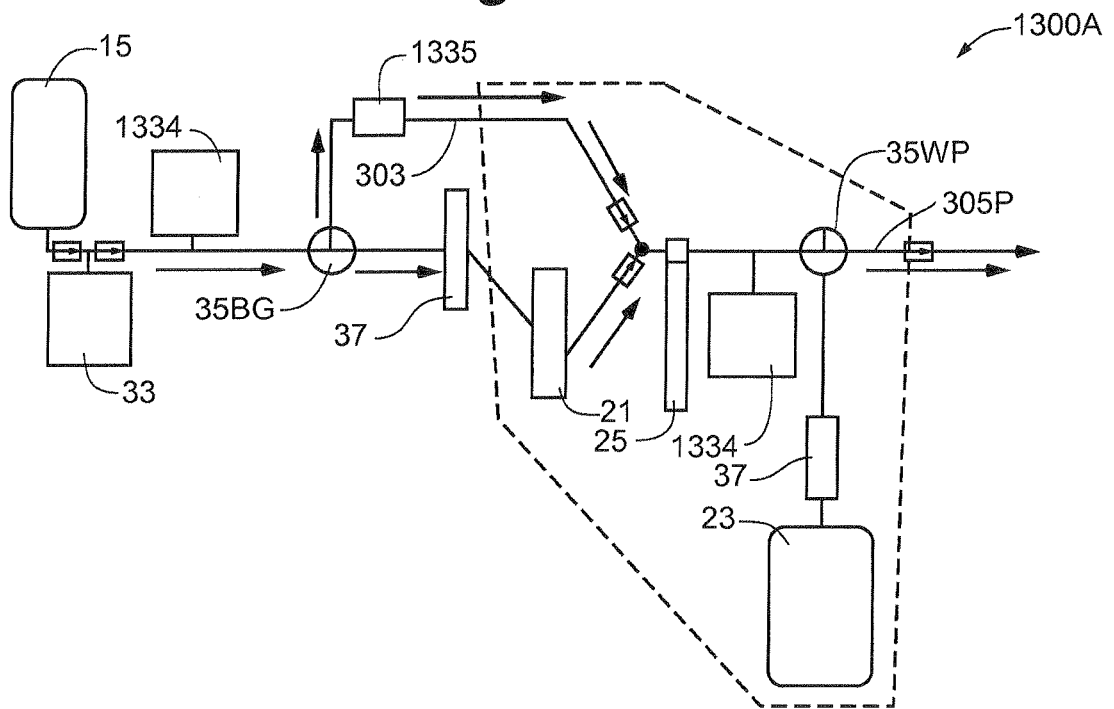
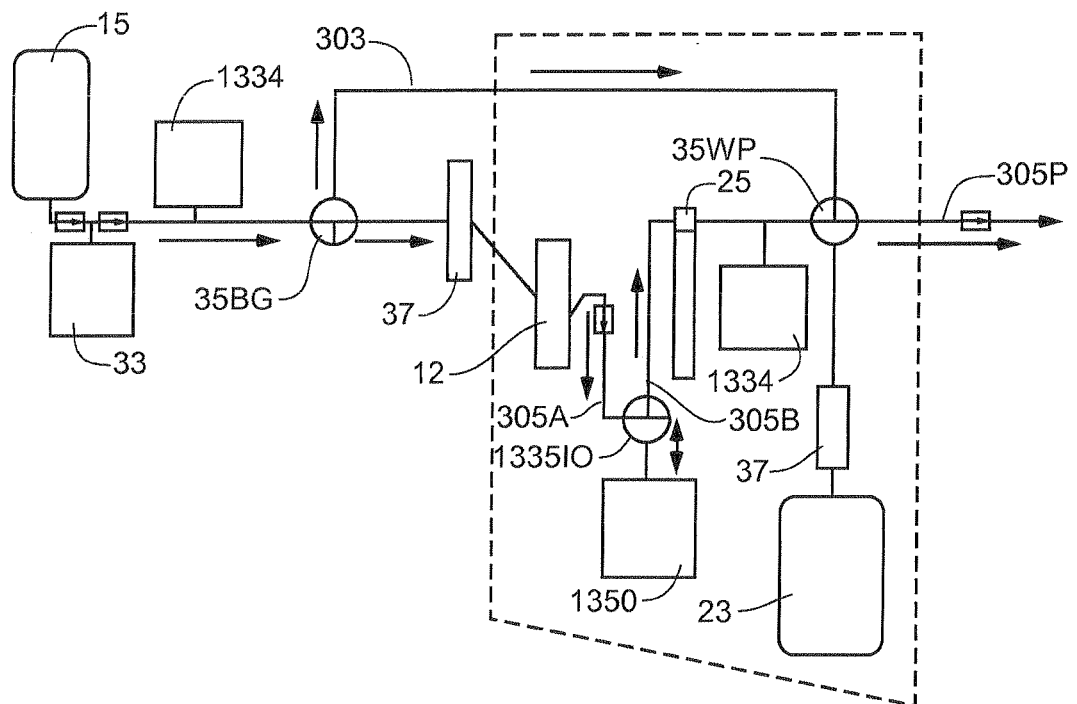


Fig. 11

| CARDIOGEN-82 GENERATOR MONTHLY RECEIPT/RETURN WORKSHEET |            |                             |                                                    |
|---------------------------------------------------------|------------|-----------------------------|----------------------------------------------------|
| GENERATOR RECEIPT                                       |            | RECEIPT SURVEY              |                                                    |
| DATE OF DELIVERY:                                       | 11/9/2008  | SURFACE:                    | 10.0 mrem/hr (MUST BE < 50 mrem/hr)                |
| DATE OF CALIBRATION:                                    | 11/10/2008 | 1 METER:                    | 0.6 mrem/hr (MUST BE < 1 mrem/hr)                  |
| LOT NUMBER:                                             |            | SURFACE WIPE:               | 1599 dpm (MUST BE < 2200 dpm/100 cm <sup>2</sup> ) |
| Sr-82 ACTIVITY:                                         | 100 mCi    |                             |                                                    |
| TOTAL ACTIVITY:                                         | 256 mCi    |                             |                                                    |
| Sr-85 ACTIVITY:                                         | 156 mCi    |                             |                                                    |
| GENERATOR RETURN                                        |            | RETURN SURVEY               |                                                    |
| DATE OF RETURN:                                         | 12/27/2008 | SURFACE:                    | 5.6 mrem/hr (MUST BE < 50 mrem/hr)                 |
| DAYS SINCE CALIBRATION DATE:                            | 47         | 1 METER:                    | 0.2 mrem/hr (MUST BE < 1 mrem/hr)                  |
|                                                         |            | SURFACE WIPE:               | 1278 dpm (MUST BE < 2200 dpm/100 cm <sup>2</sup> ) |
| Sr-82 RETURN CALCULATIONS                               |            | SUMMARY                     |                                                    |
| INITIAL Sr-82 ACTIVITY:                                 | 100 mCi    | TOTAL Sr-82/Sr-85 ACTIVITY: | 120.95 mCi                                         |
| DECAY FACTOR:                                           | 0.2718     | TOTAL Sr-82/Sr-85 ACTIVITY: | 4.48 GBq                                           |
| REMAINING Sr-82 IN mCi:                                 | 27.18 mCi  | TRANSPORT INDEX:            | 0.2                                                |
| REMAINING Sr-82 IN GBq:                                 | 1.01 GBq   |                             |                                                    |
| Sr-85 RETURN CALCULATIONS                               |            |                             |                                                    |
| INITIAL Sr-85 ACTIVITY:                                 | 156 mCi    |                             |                                                    |
| DECAY FACTOR:                                           | 0.6011     |                             |                                                    |
| REMAINING Sr-85 IN mCi:                                 | 93.77 mCi  |                             |                                                    |
| REMAINING Sr-85 IN GBq:                                 | 3.47 GBq   |                             |                                                    |

**Fig. 12A**

1300B

**Fig. 12B**

**Fig. 12C**