

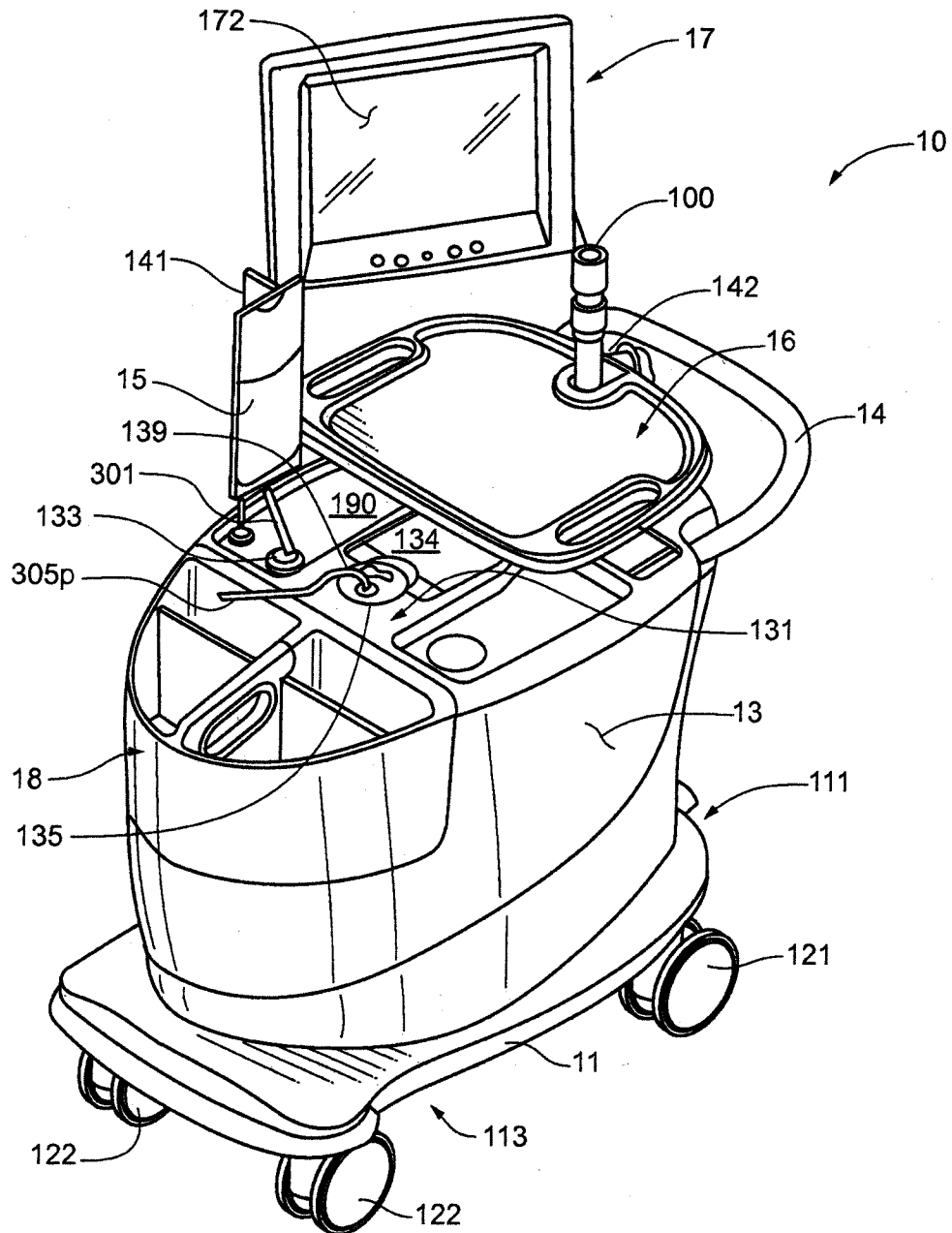
Fig. 1A

Fig. 1B

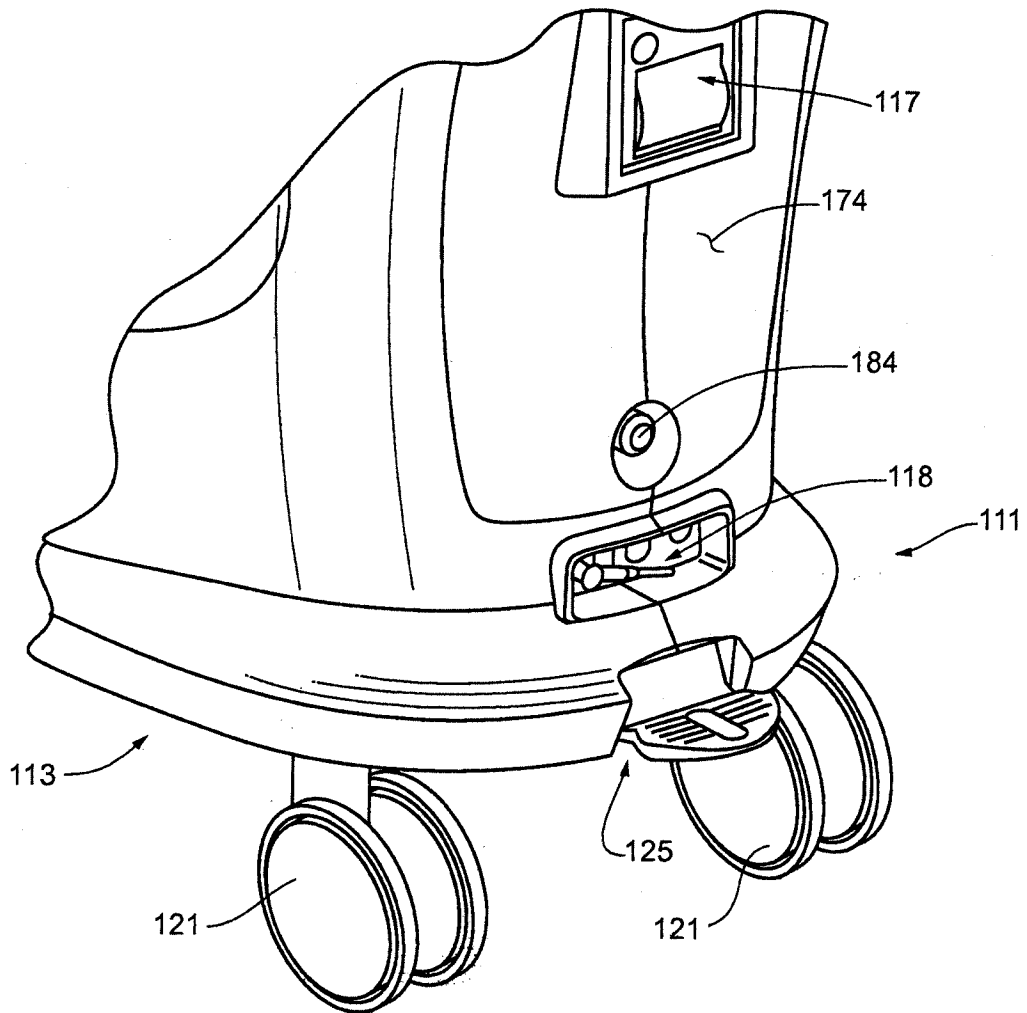


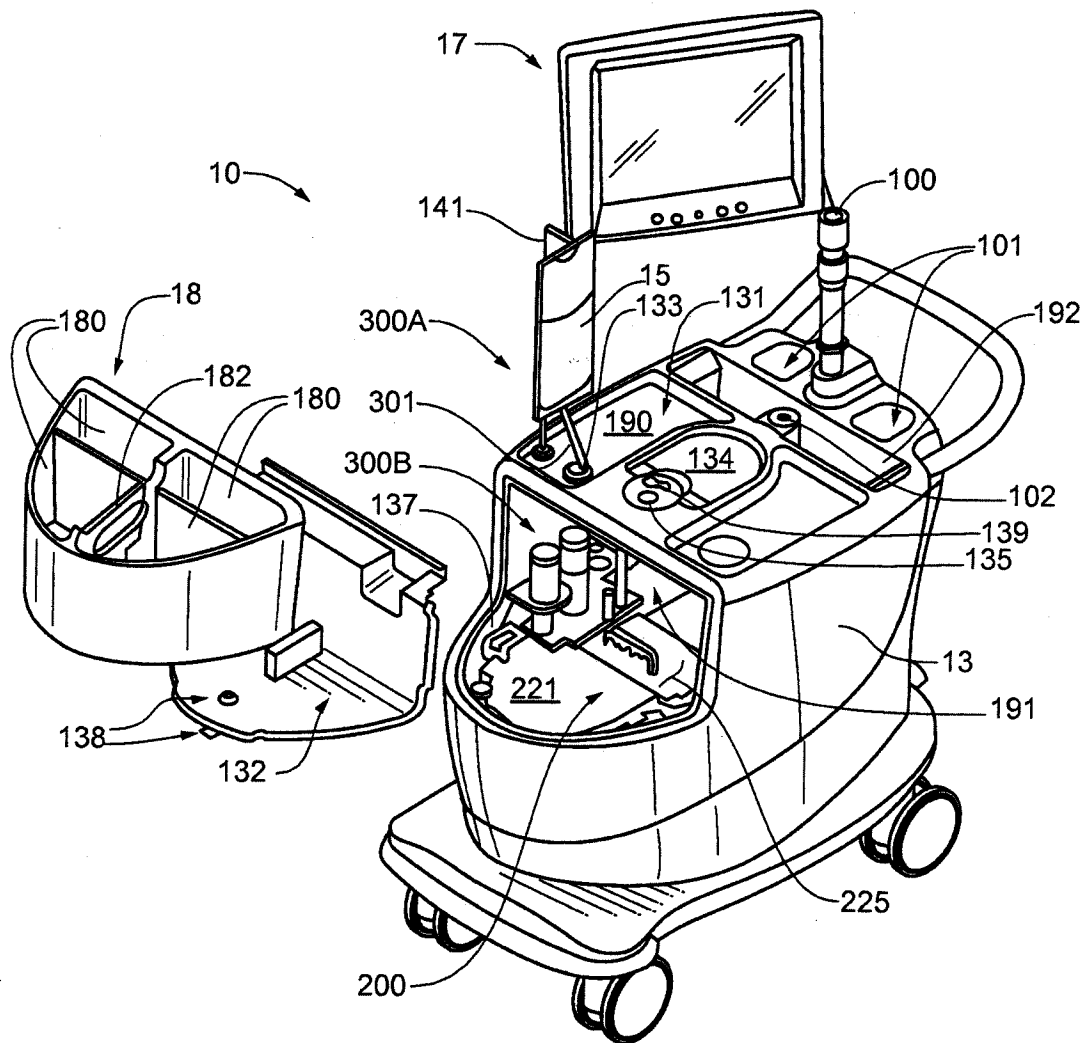
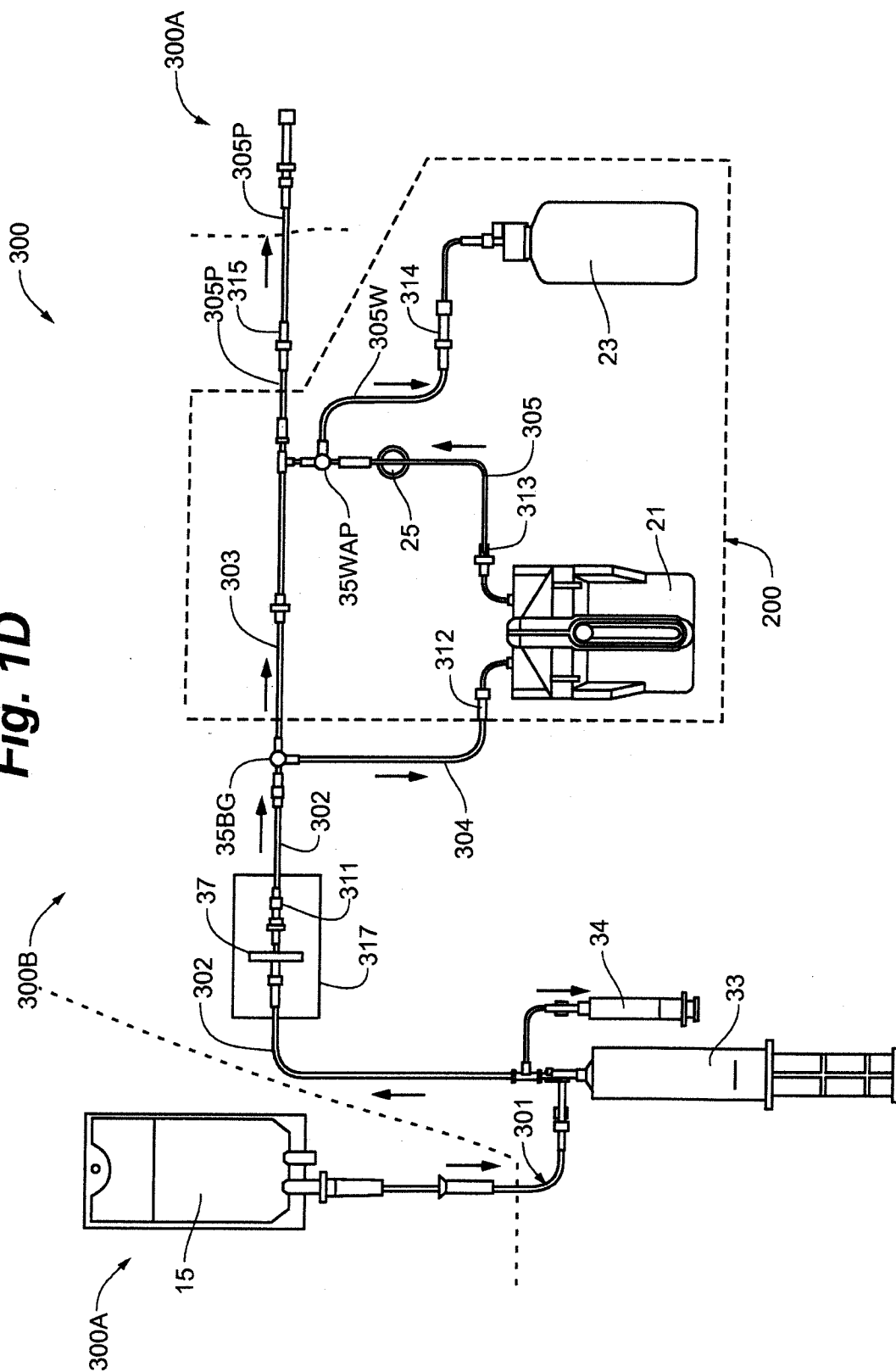
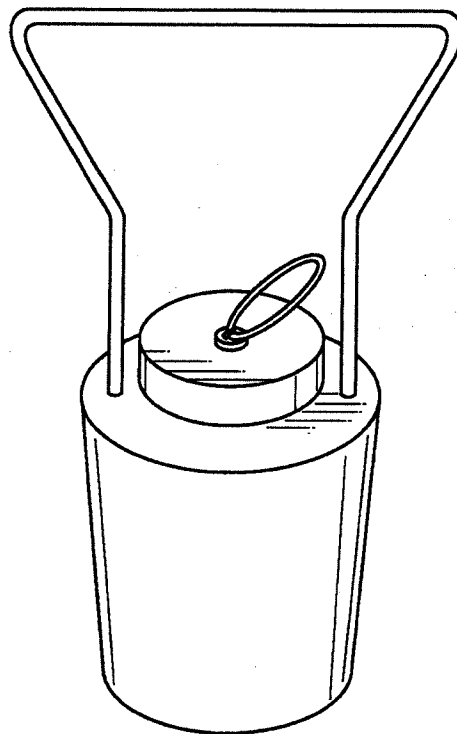
Fig. 1C

Fig. 1D



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Fig. 1E



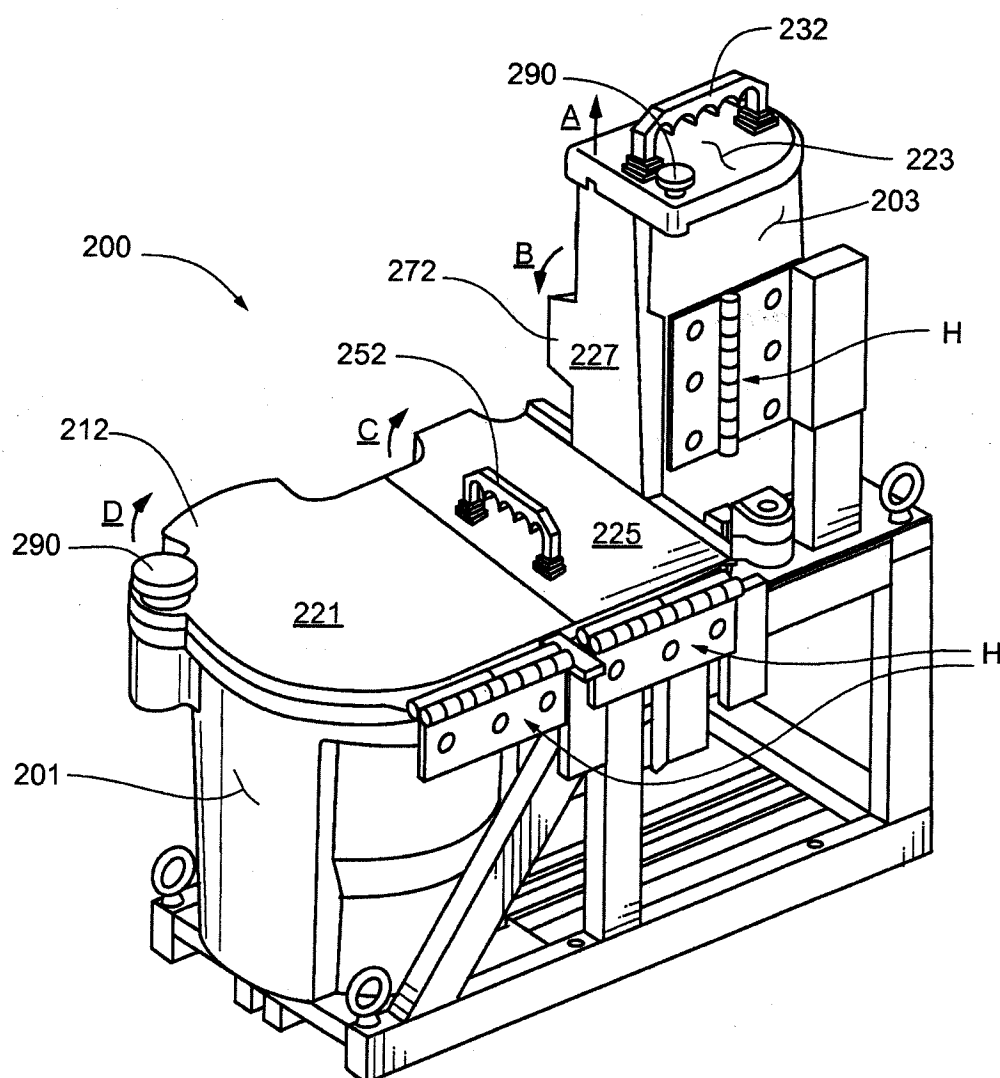


Fig. 2B

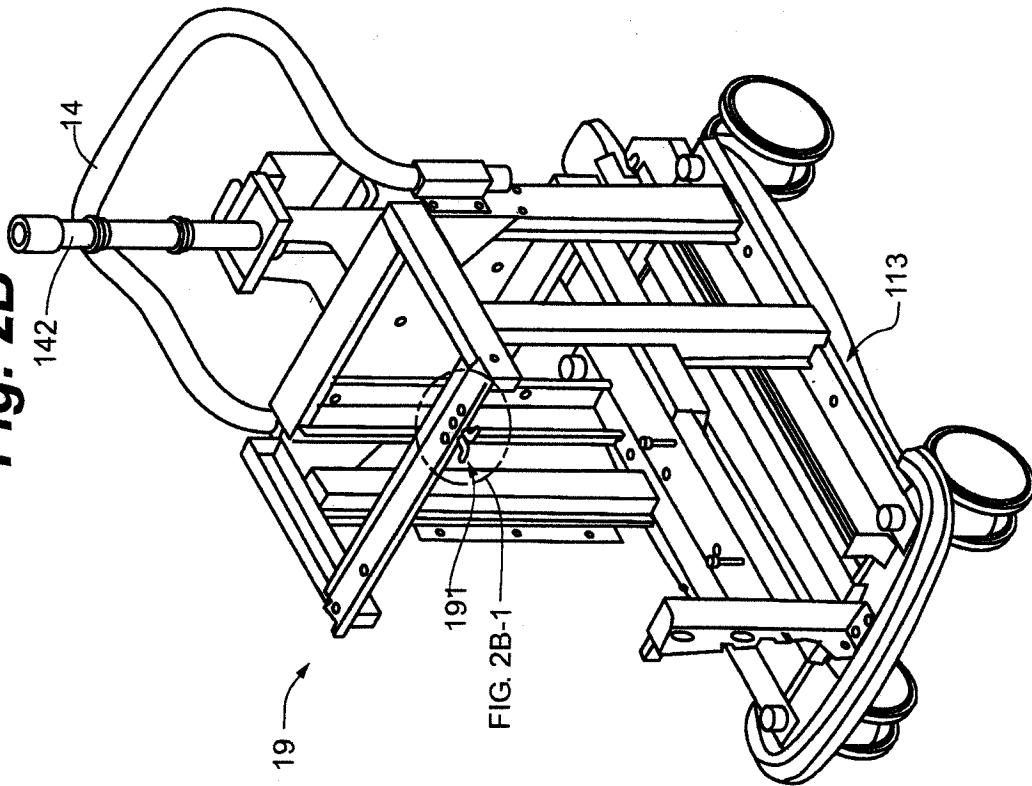


Fig. 2B-1

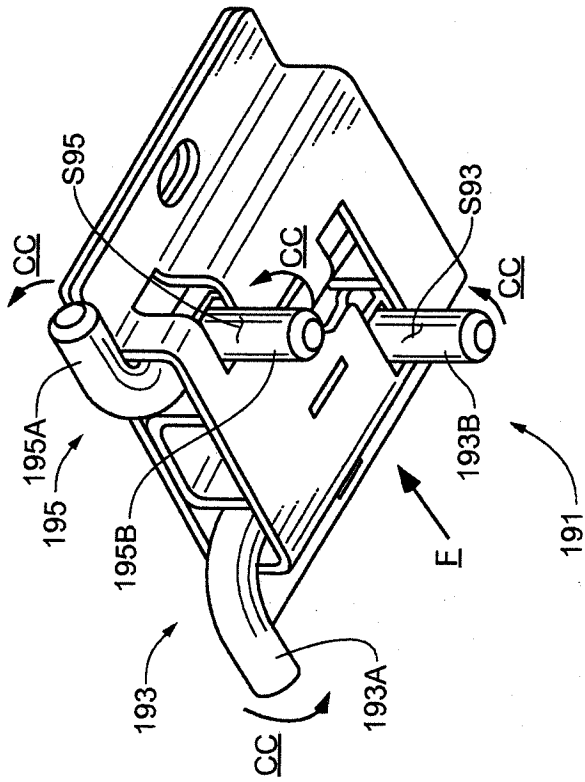


Fig. 3A

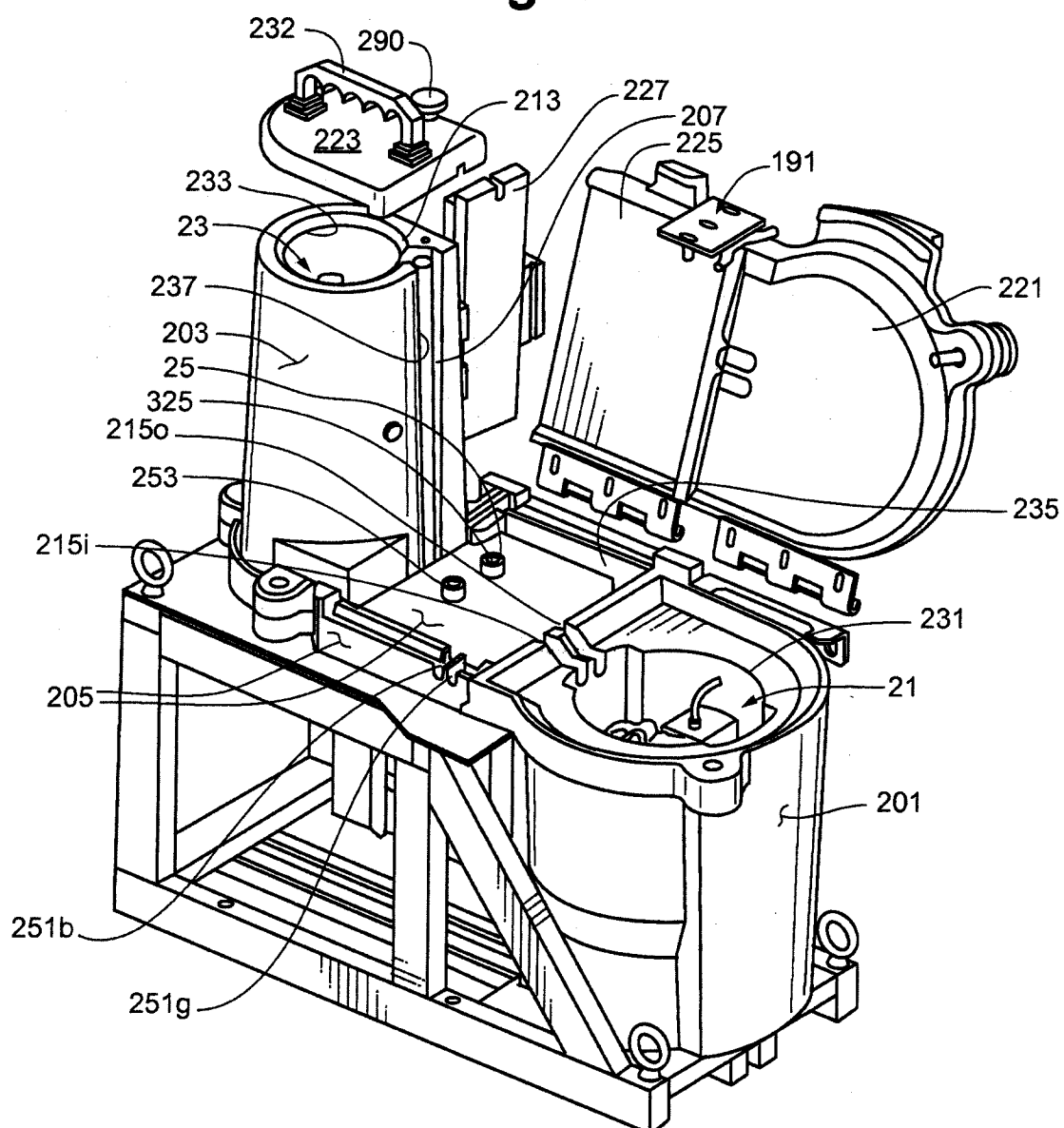


Fig. 3B

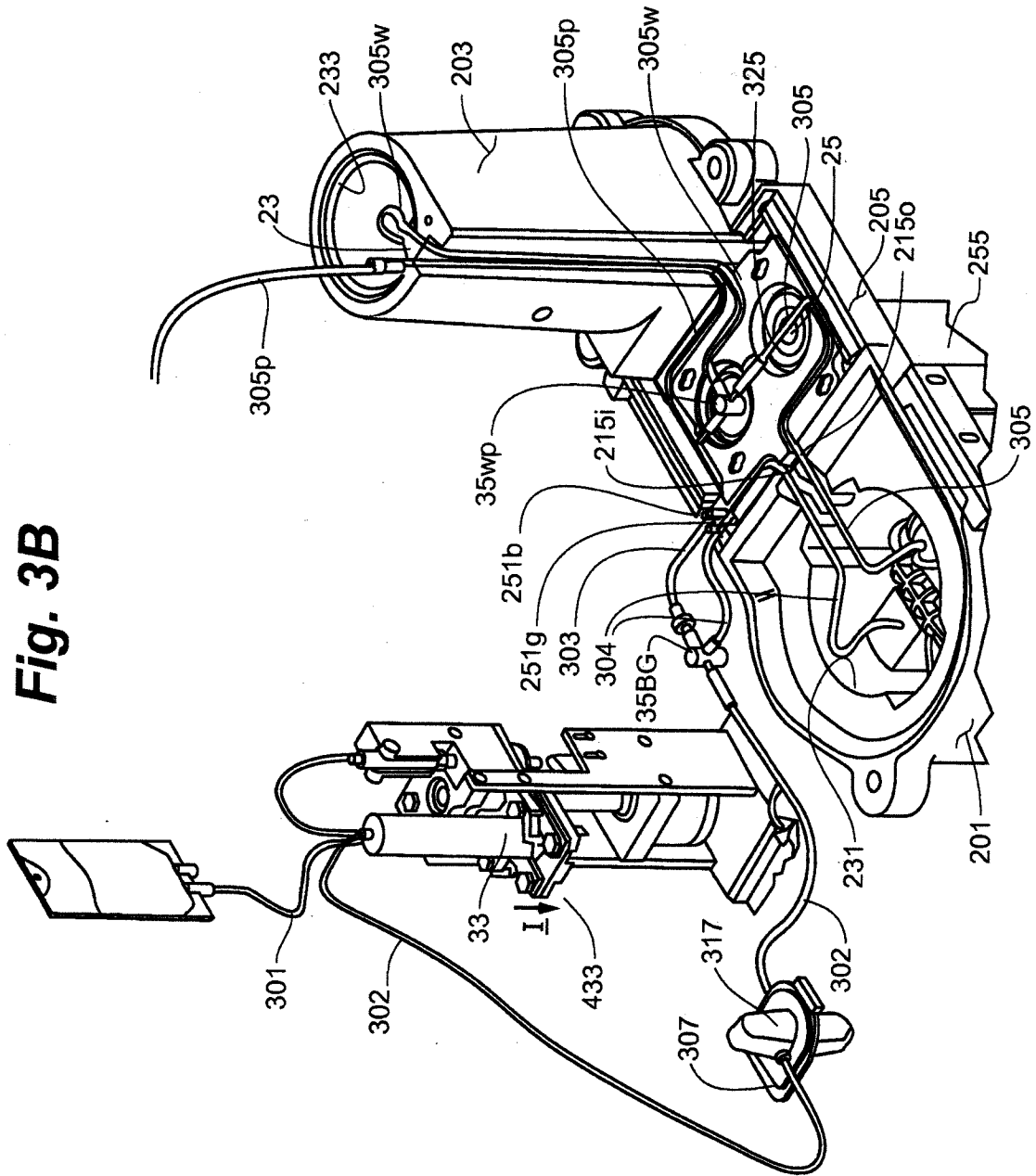


Fig. 3C

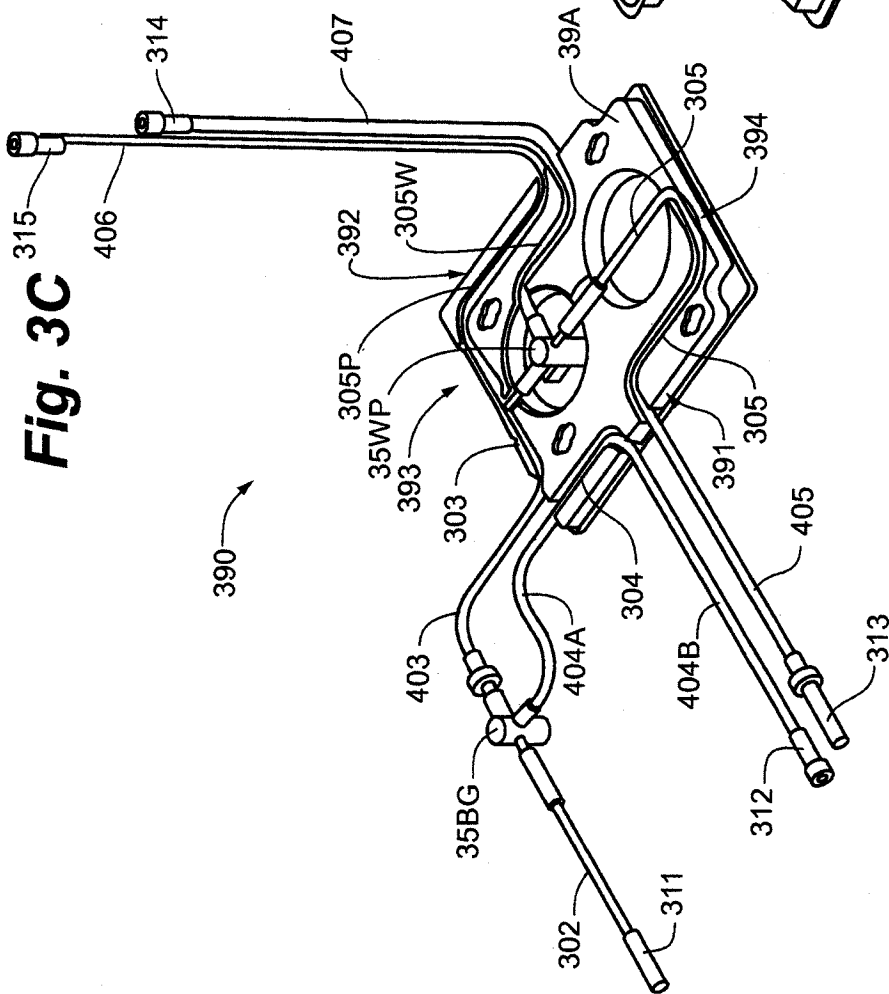


Fig. 3D

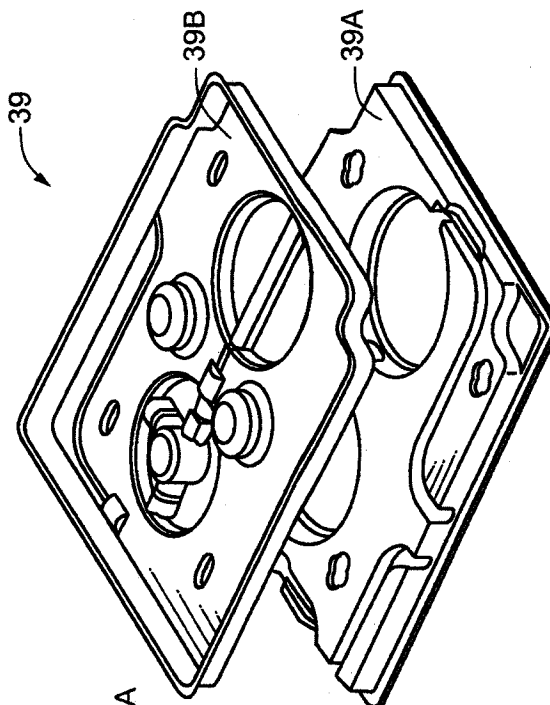


Fig. 4

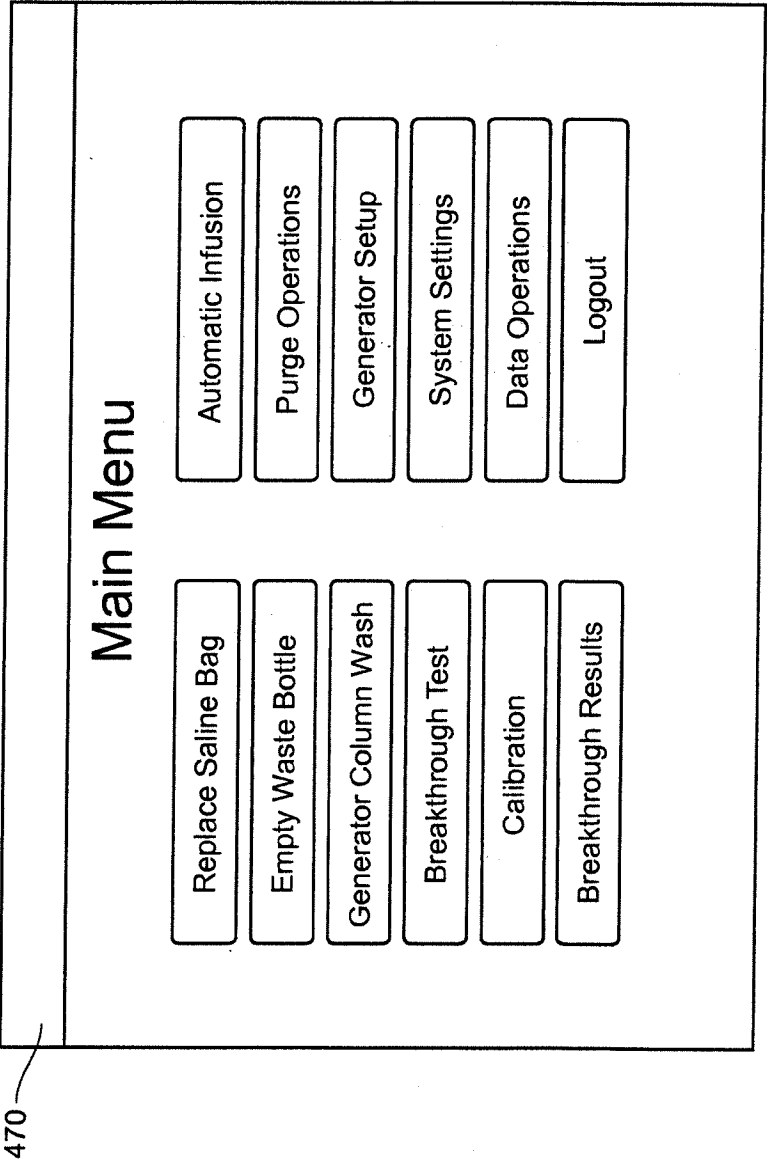


Fig. 5A

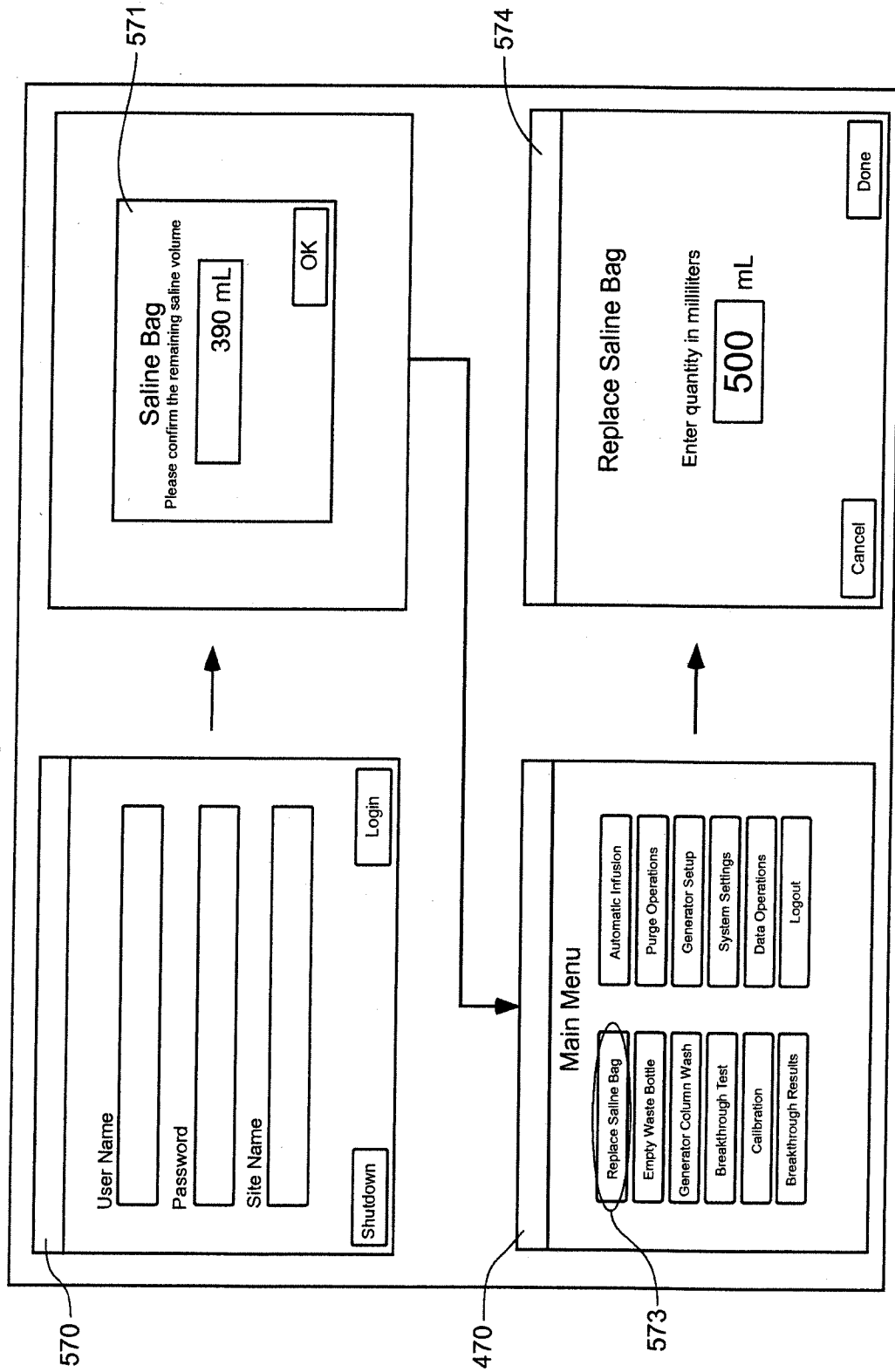


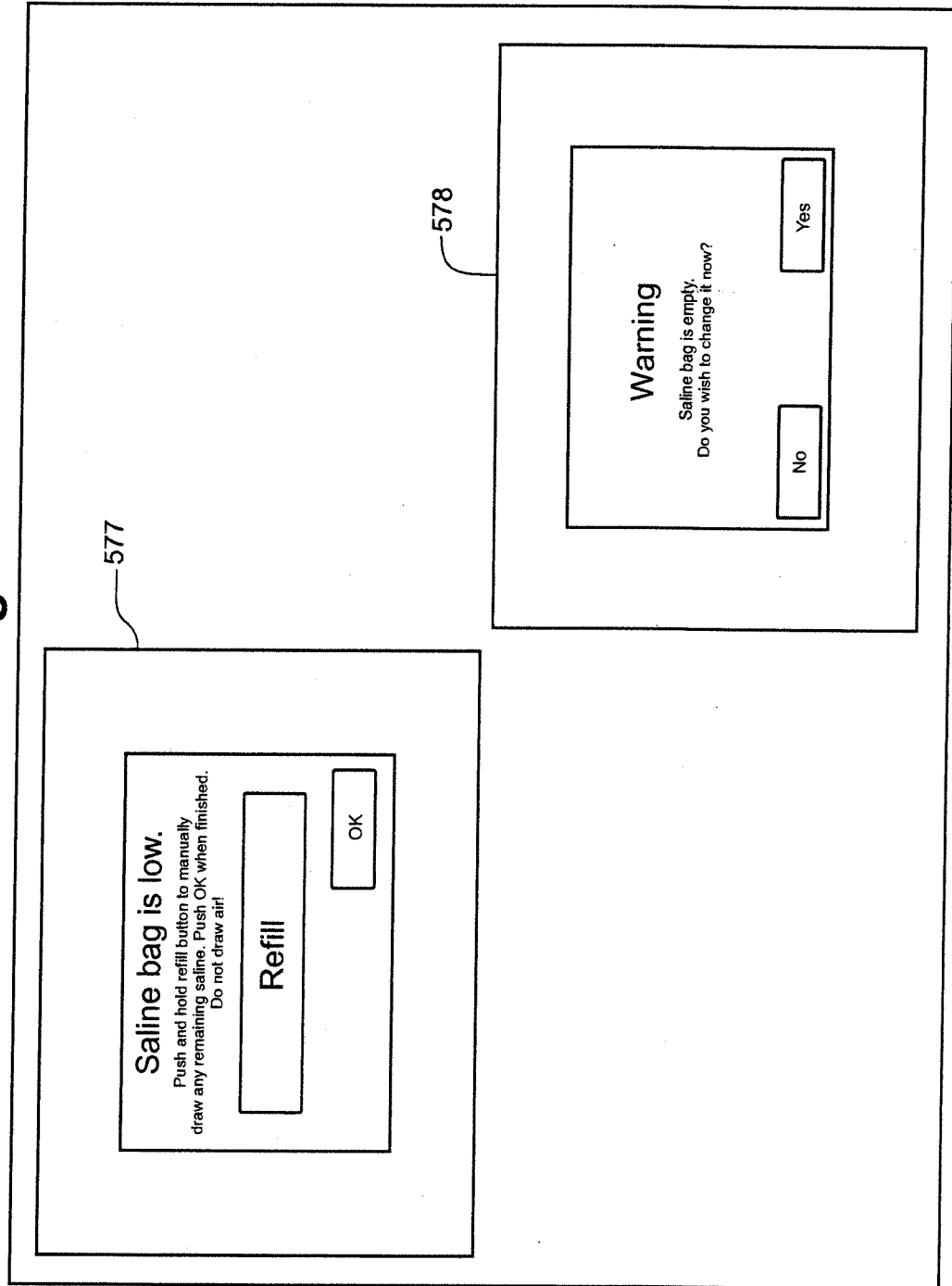
Fig. 5B

Fig. 5C

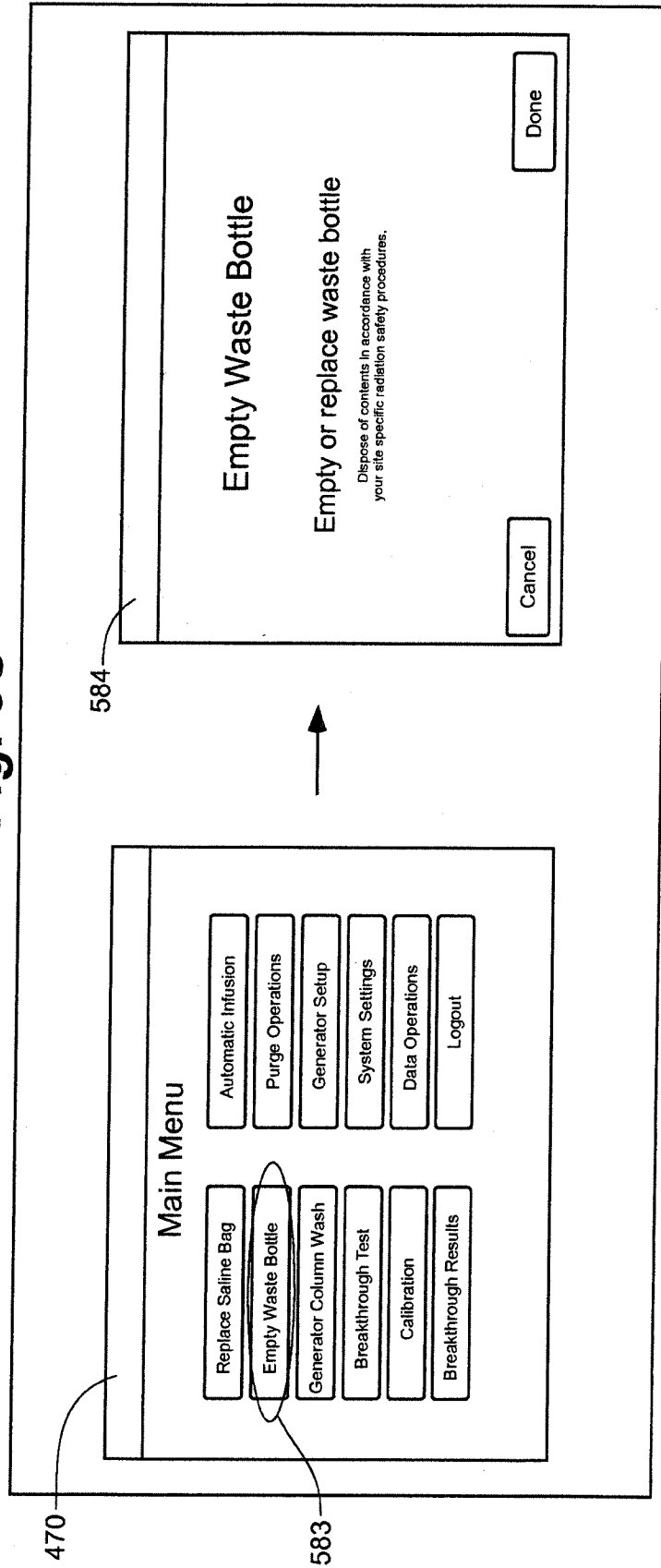


Fig. 6

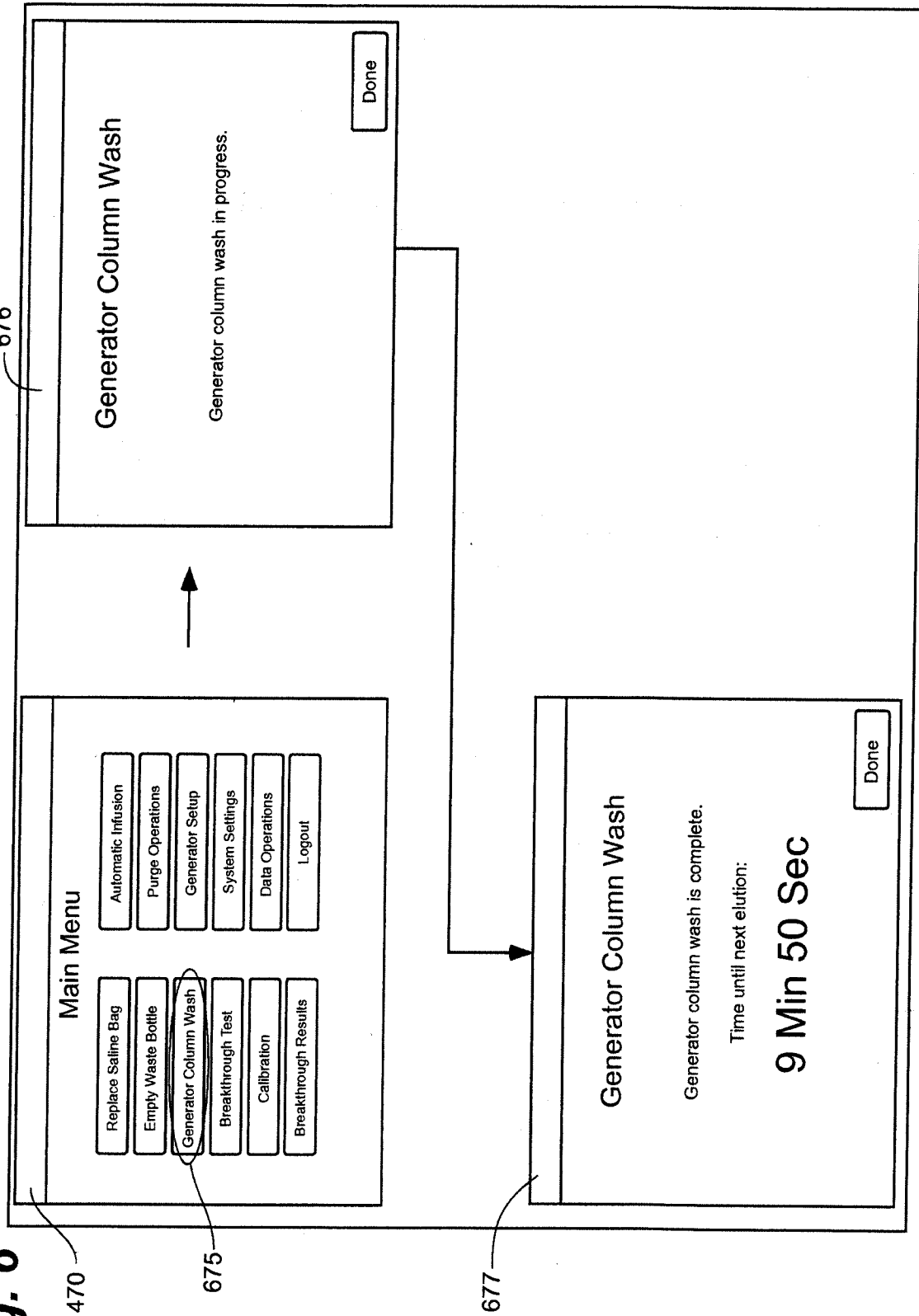


Fig. 7A

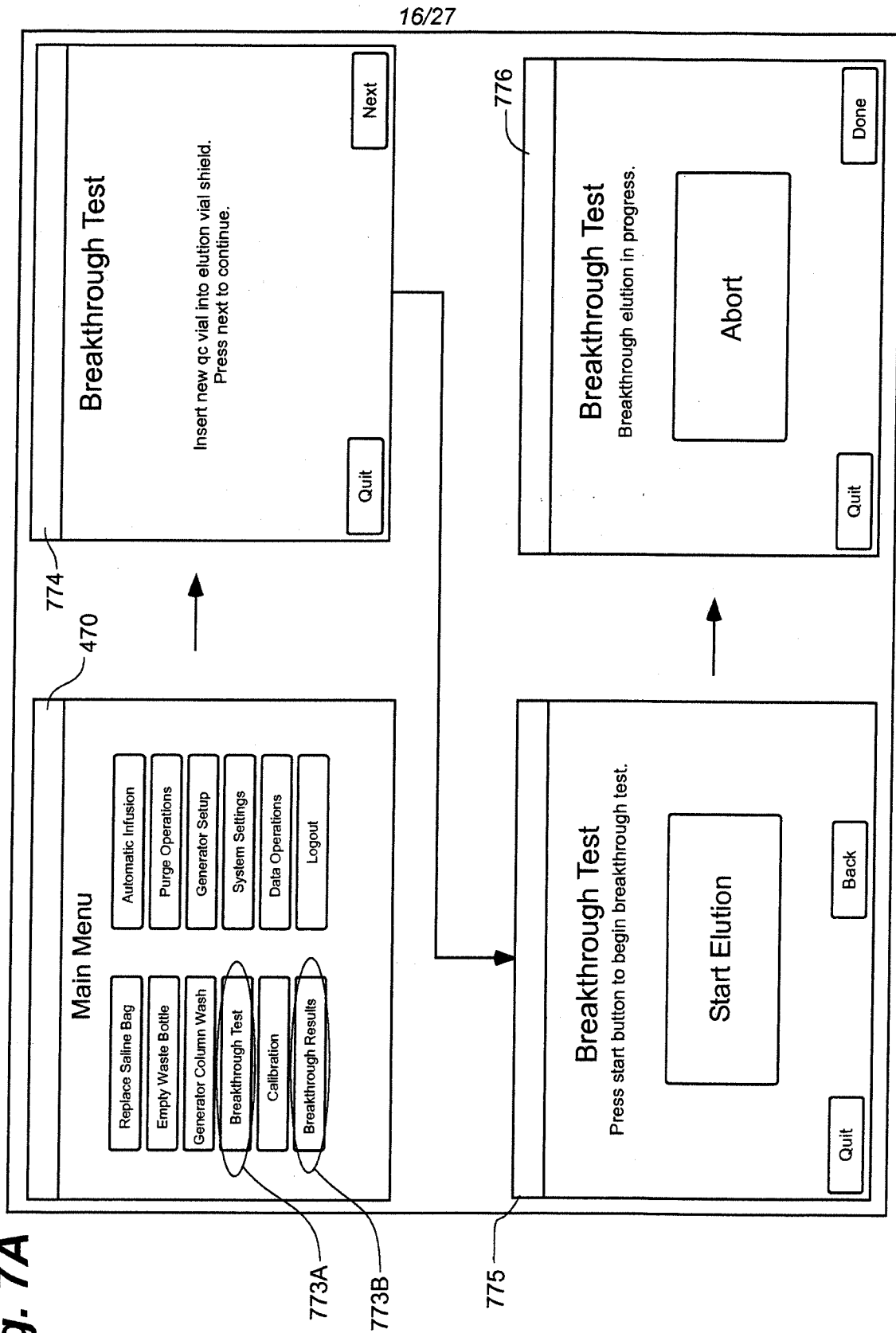


Fig. 7B

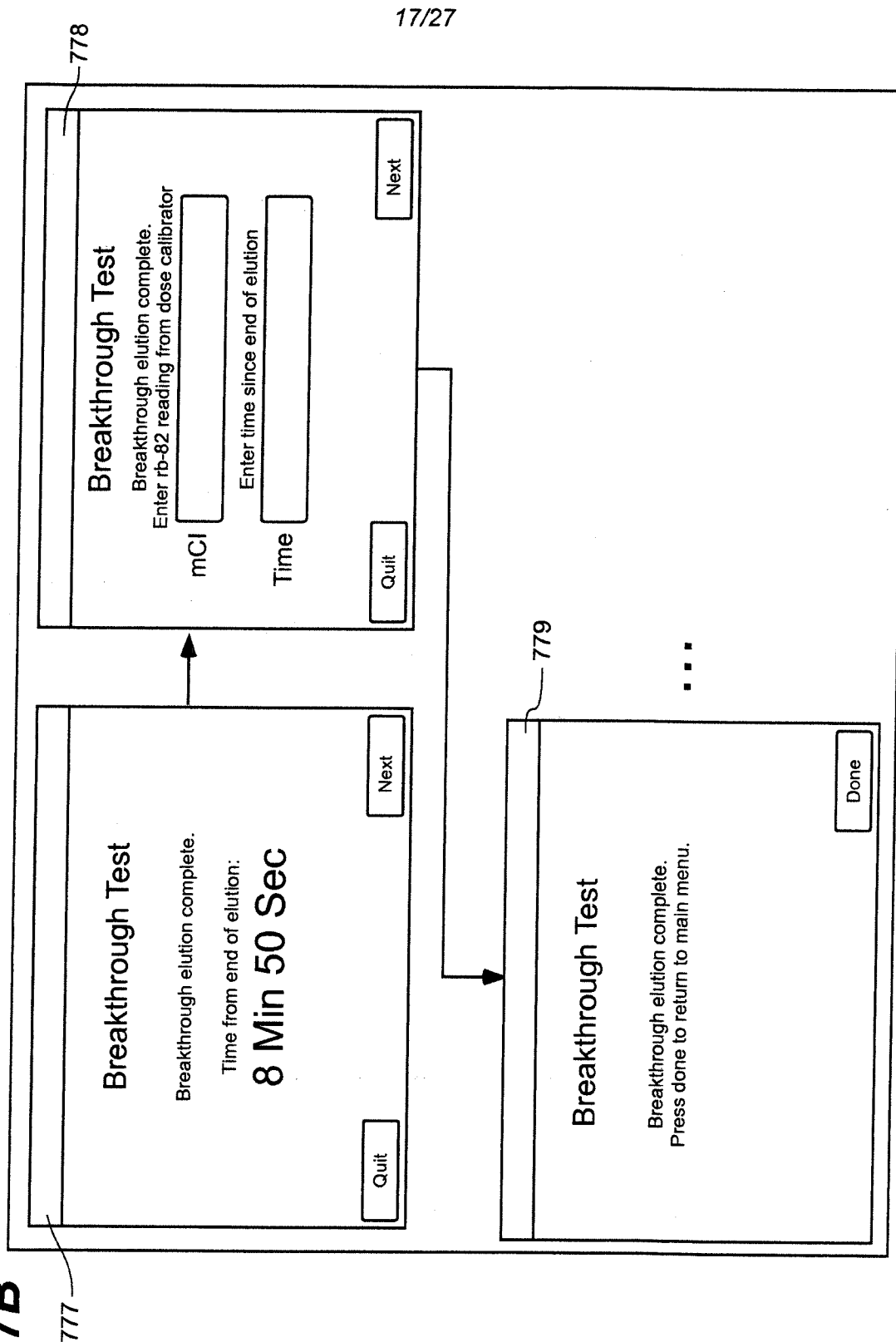


Fig. 7C

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

...

→

Breakthrough Test

Breakthrough test complete.

Results:

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

Sr-85/Rb-82 = 0.11 uCi / 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

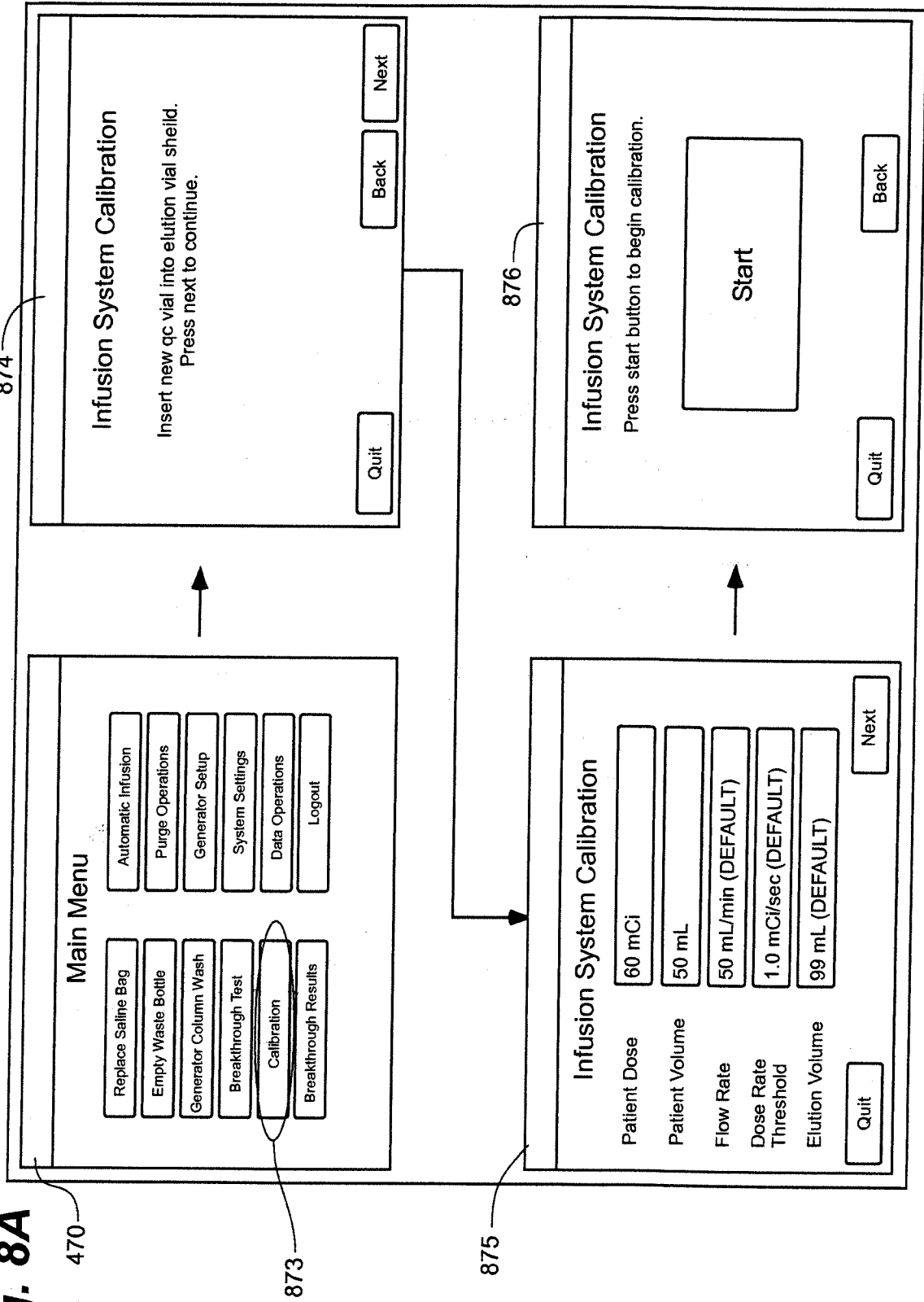


Fig. 8B

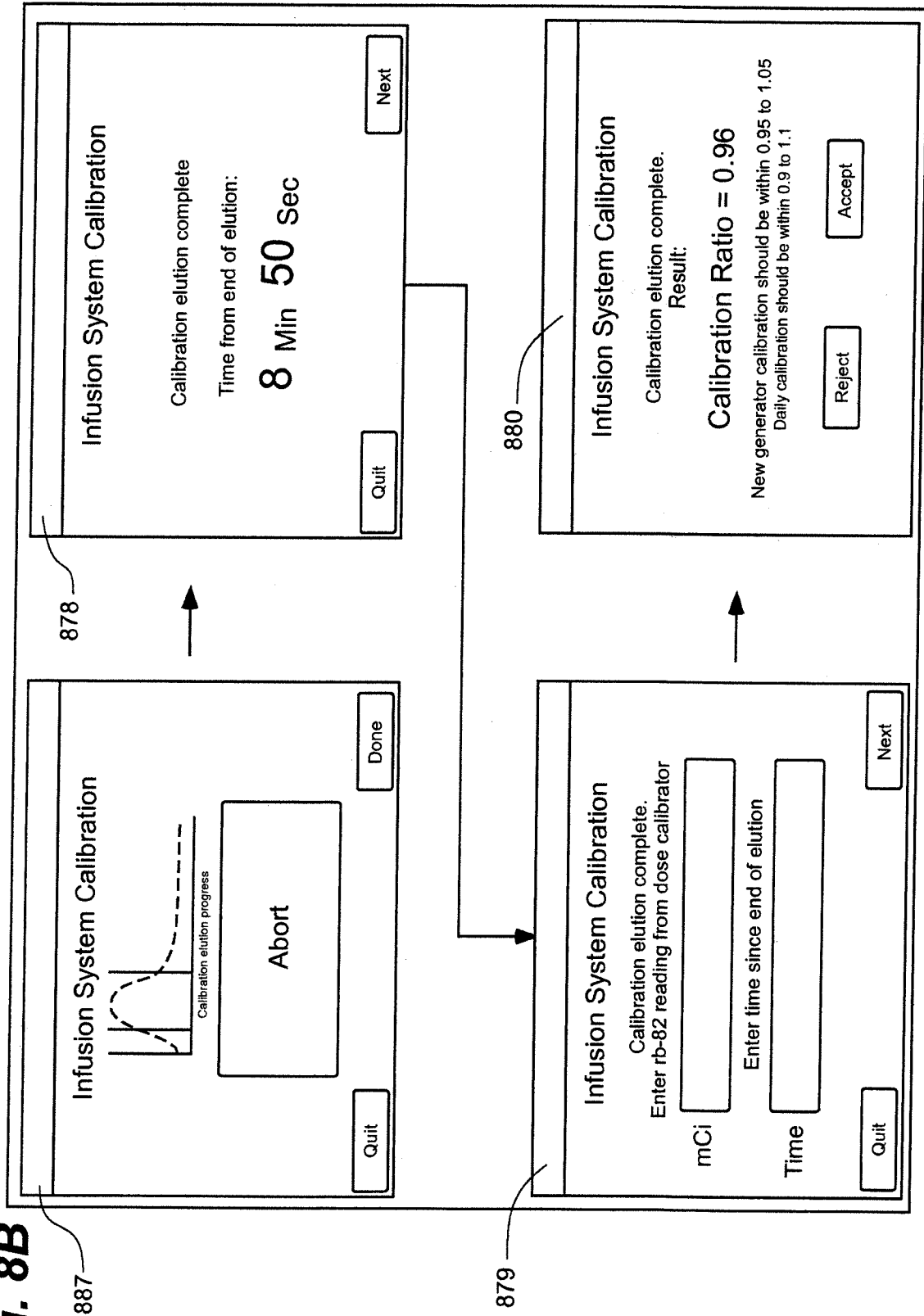


Fig. 9A

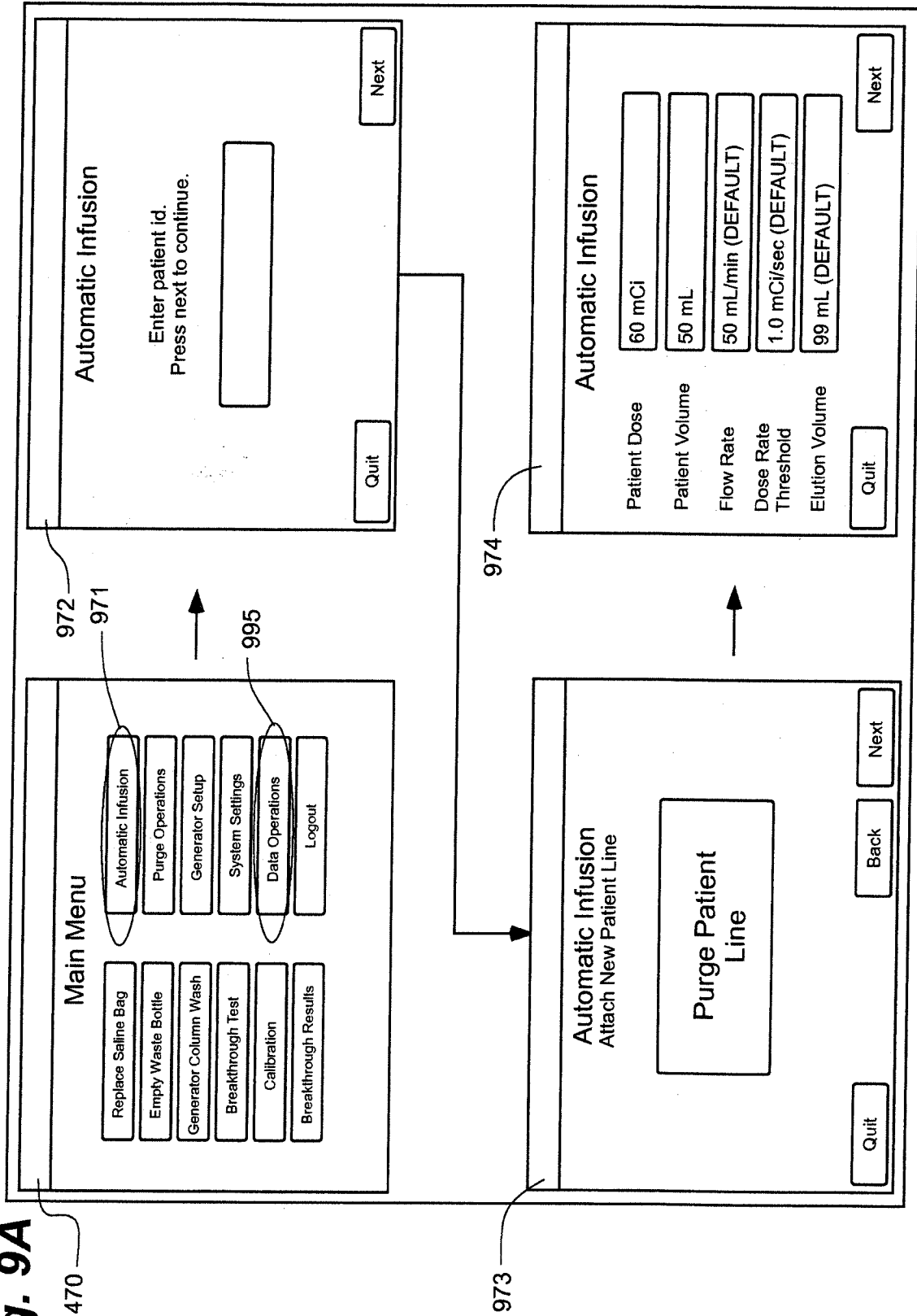


Fig. 9B

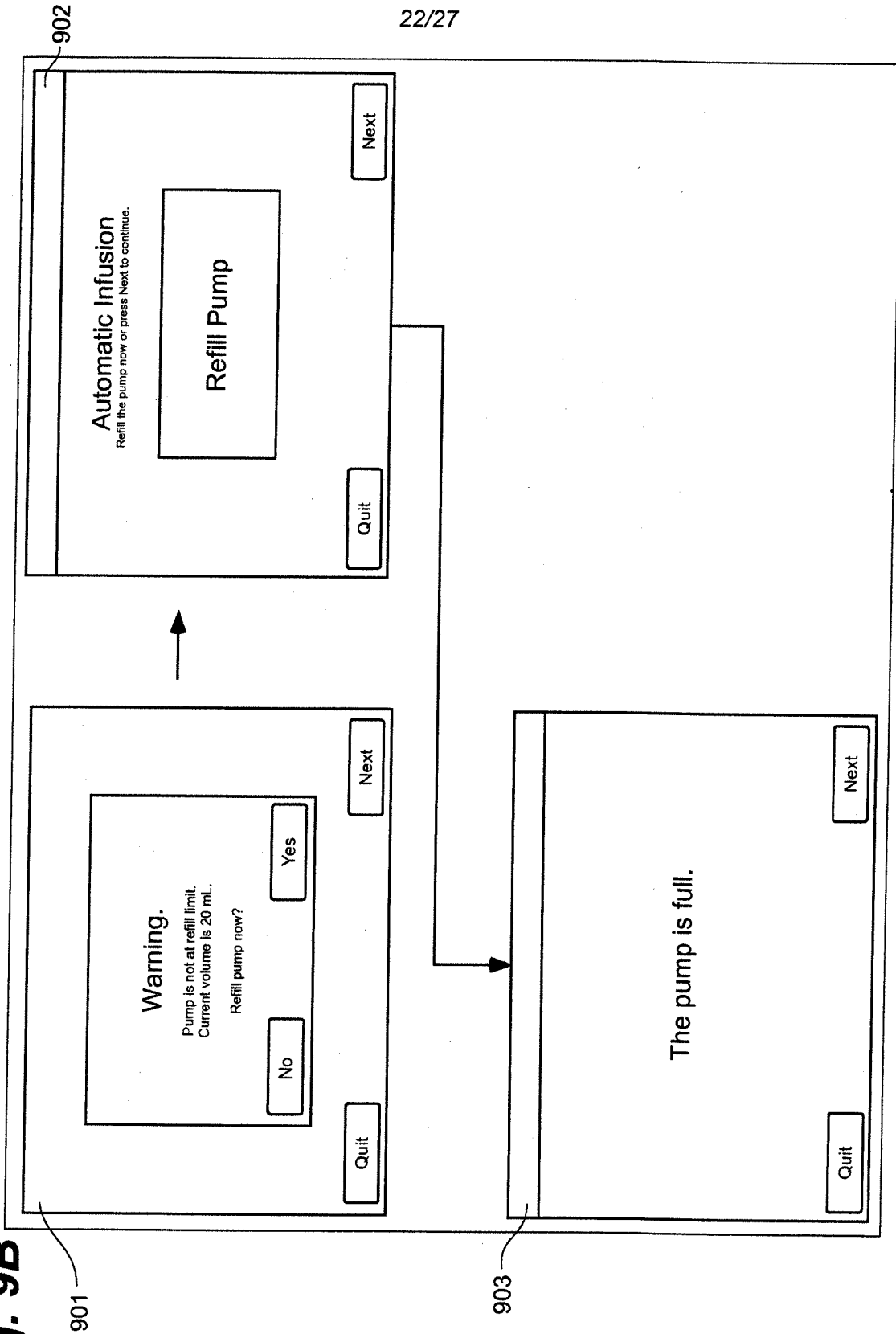
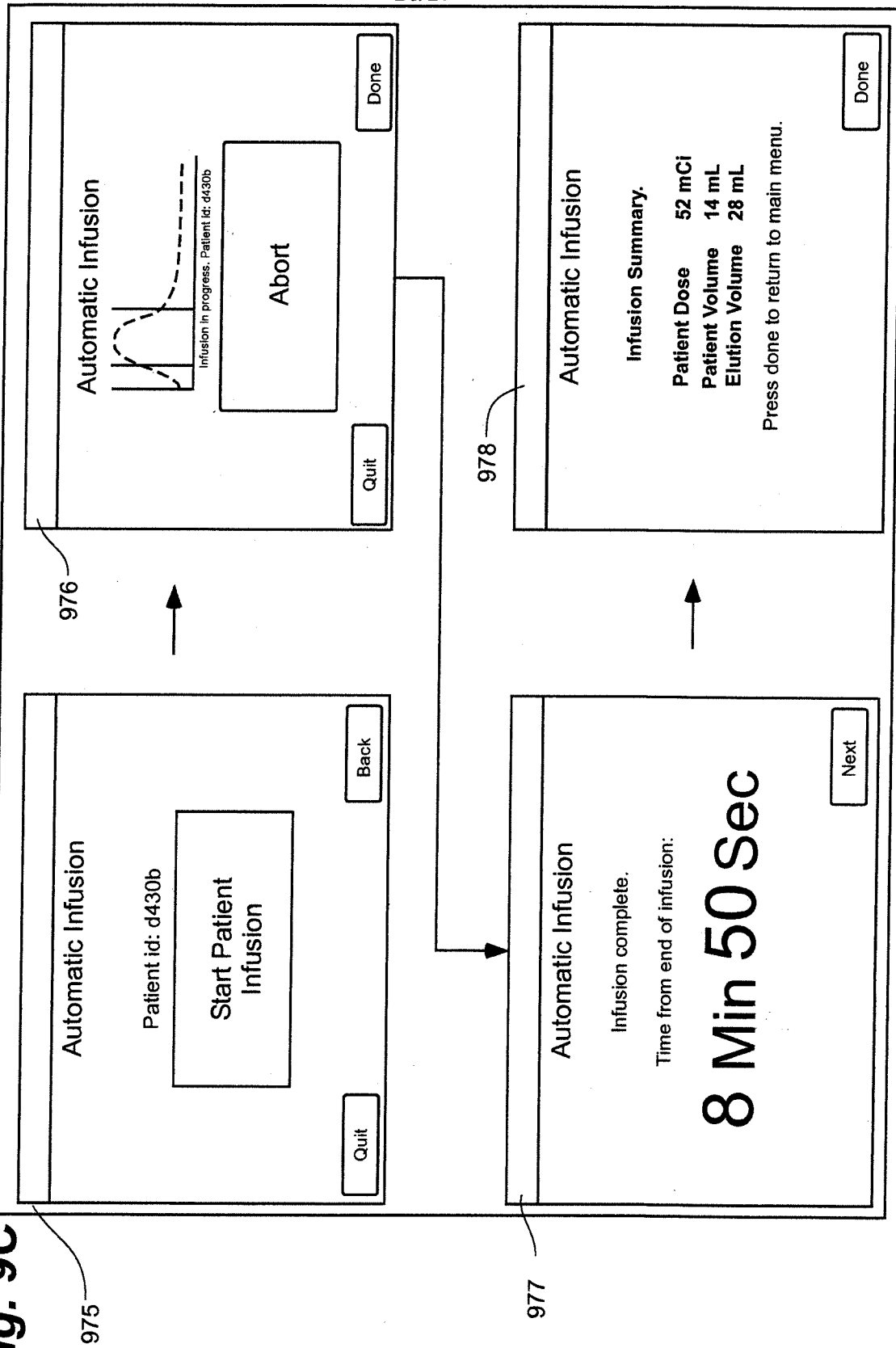


Fig. 9C



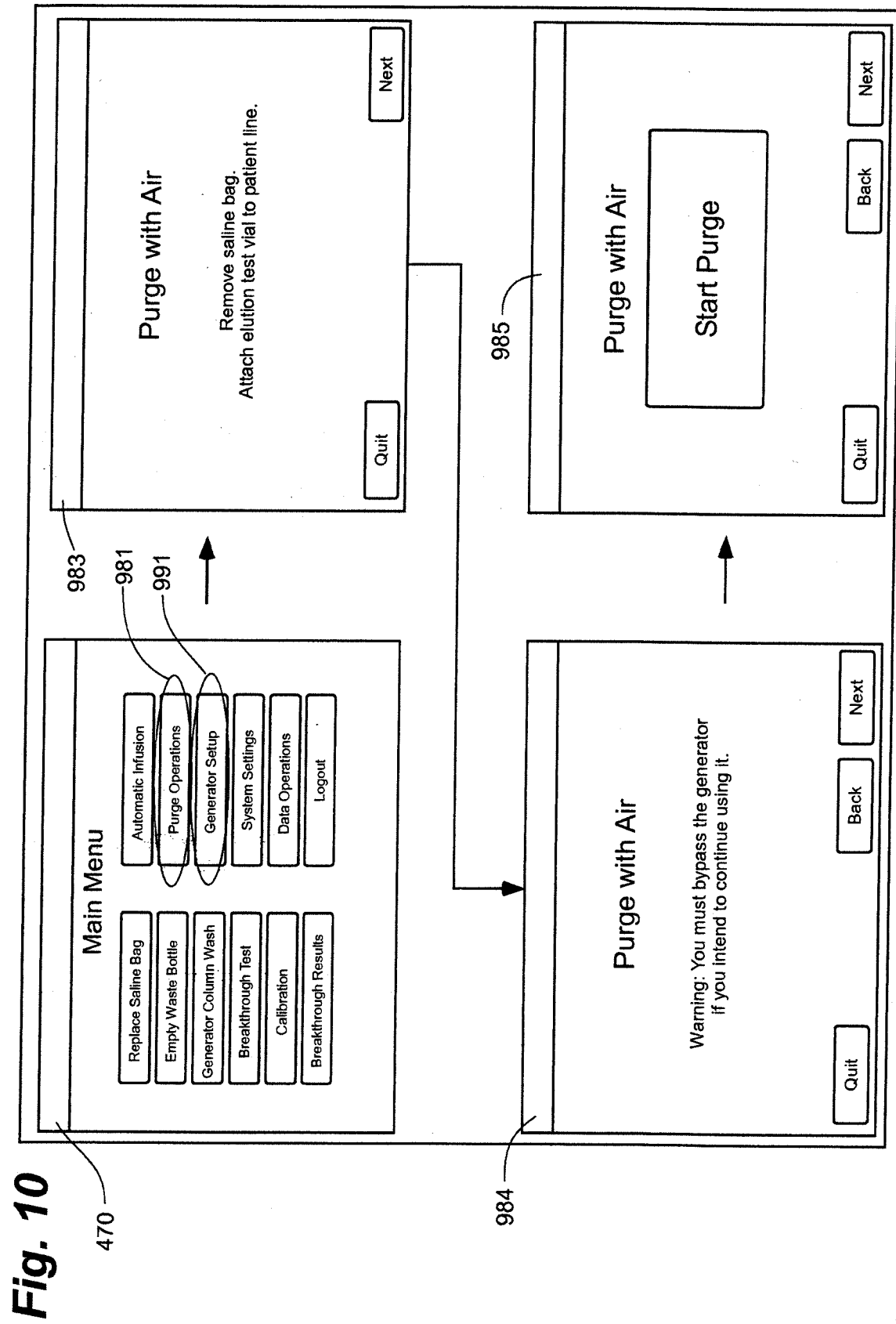
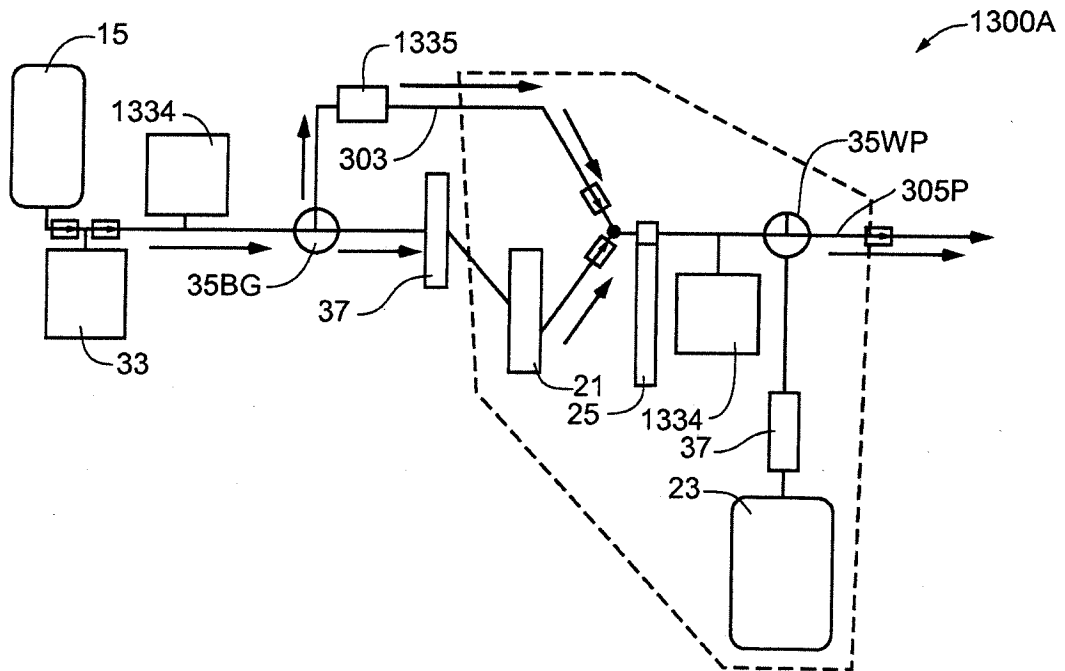


Fig. 11

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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 ²)
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 ²)
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

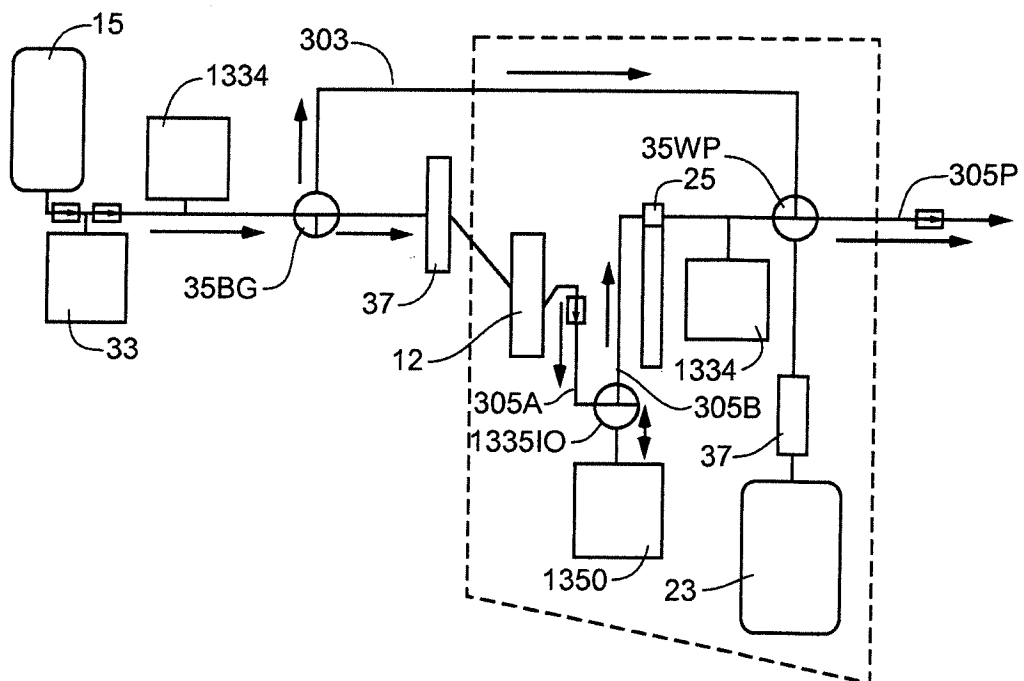
Fig. 12B

Fig. 12C