

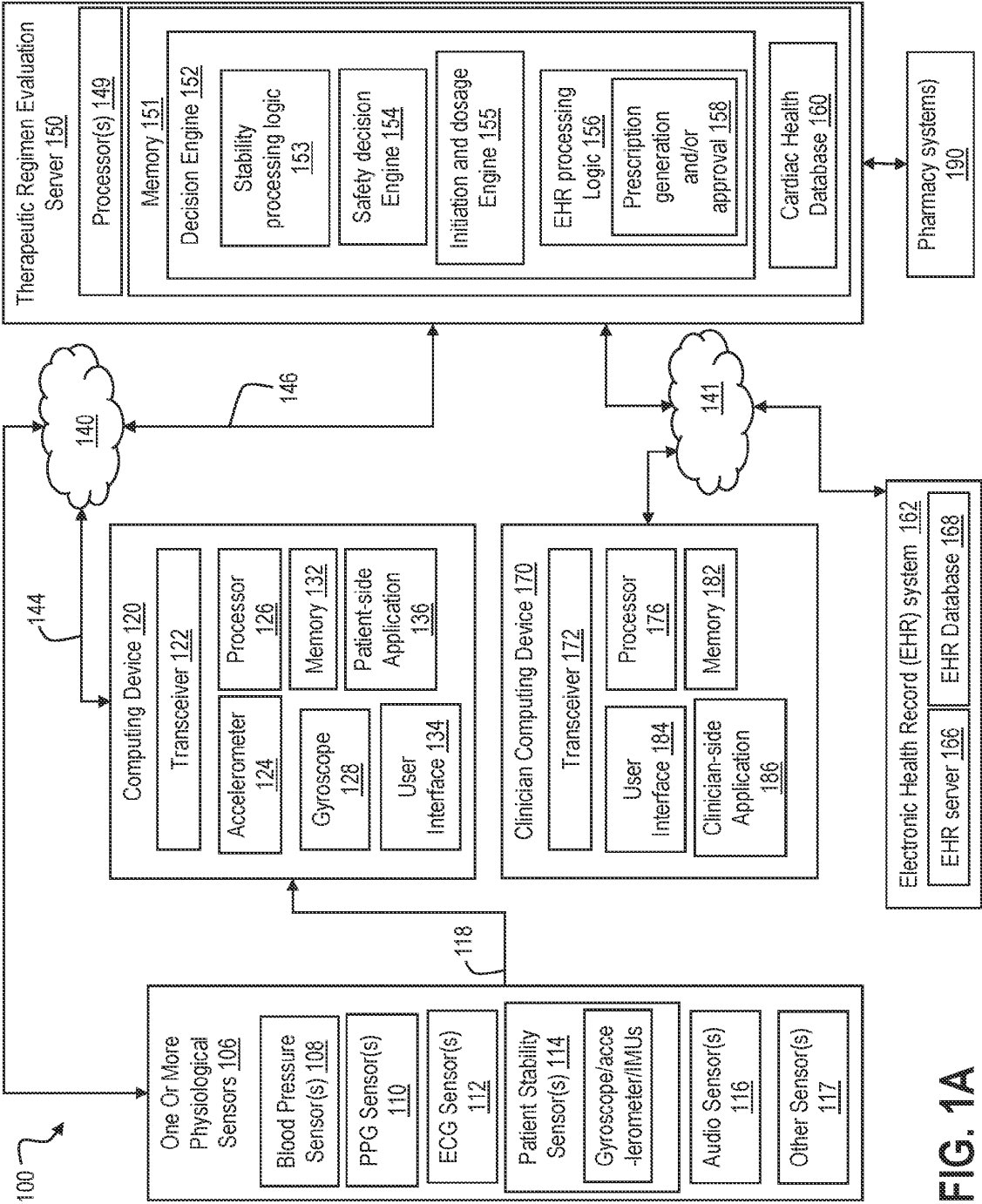


FIG. 1A

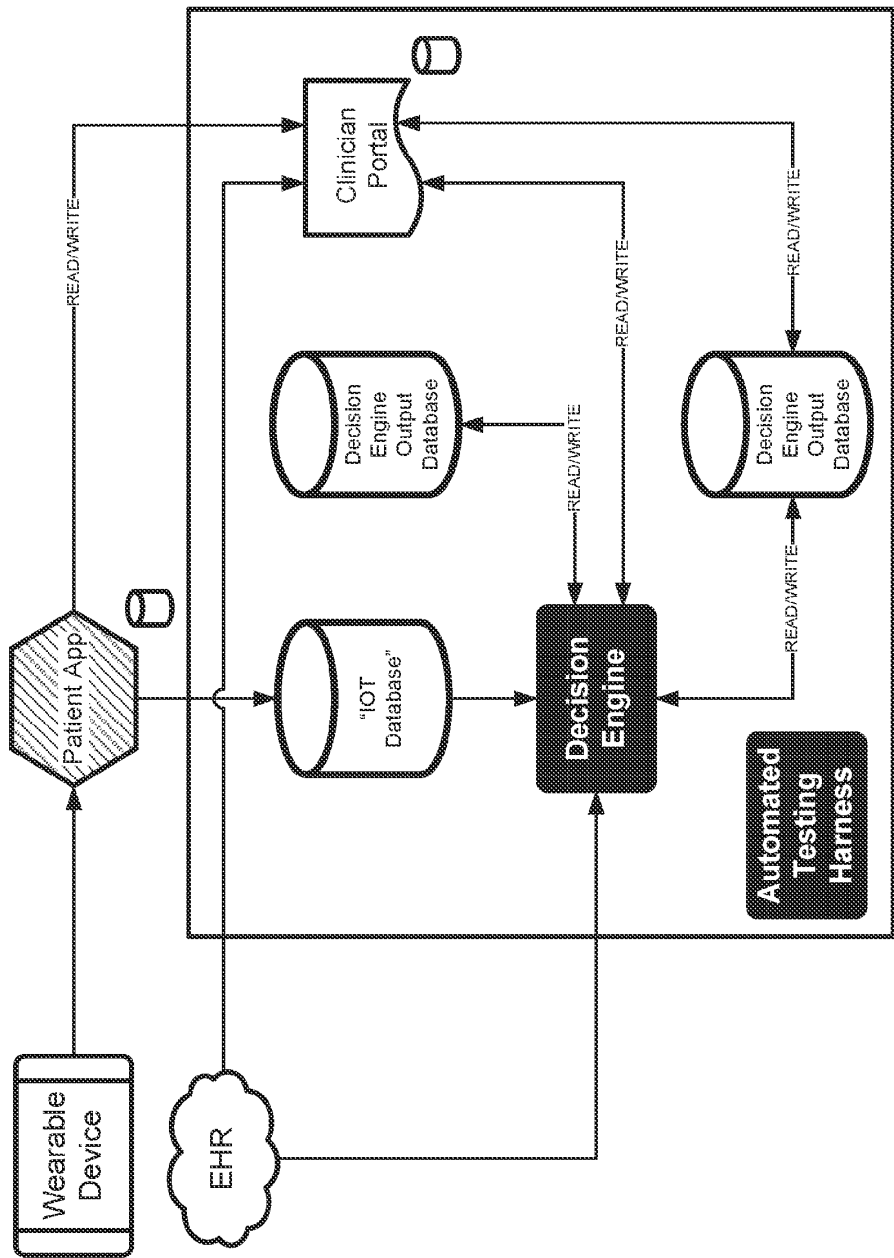


FIG. 1B

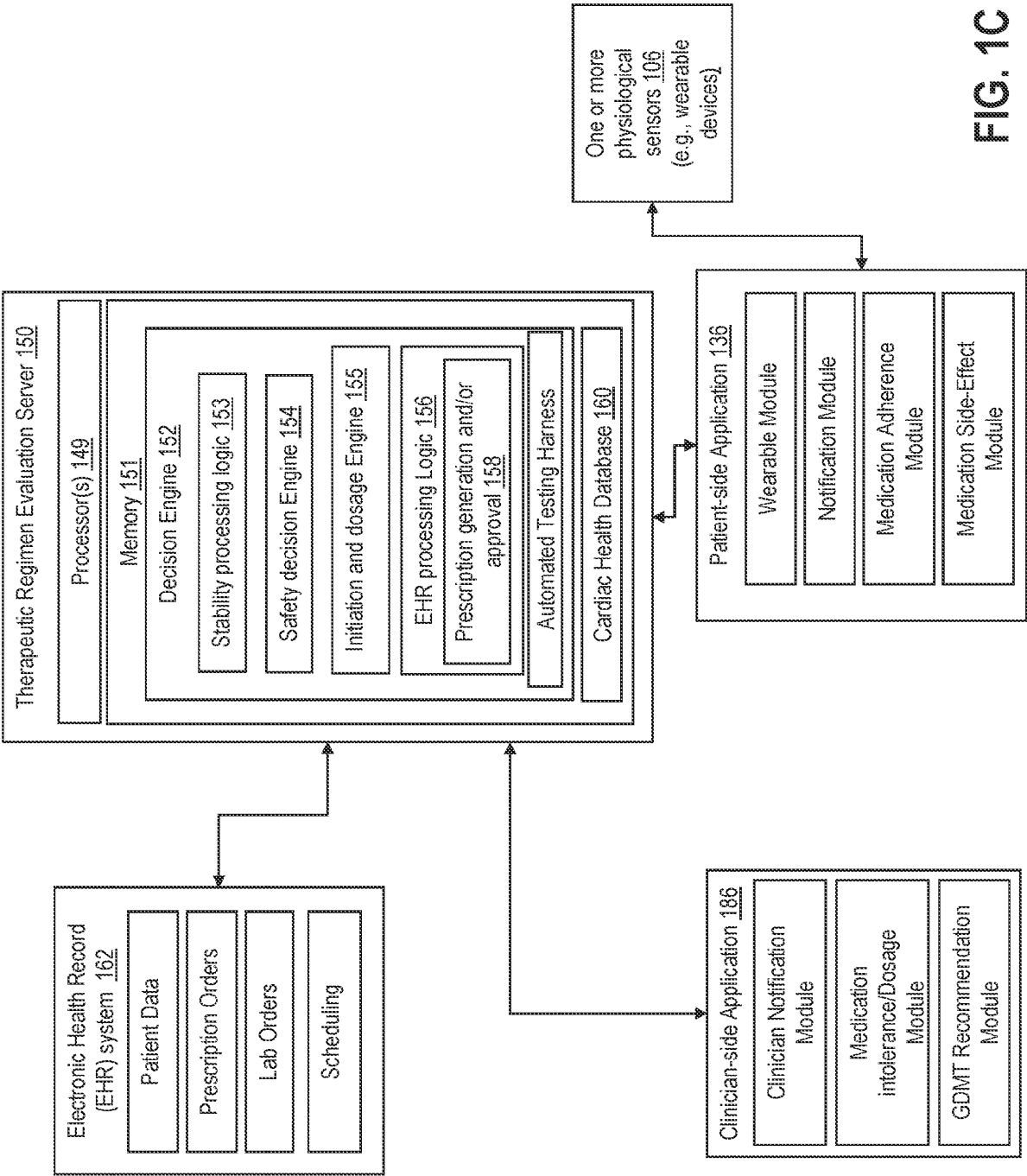


FIG. 1C

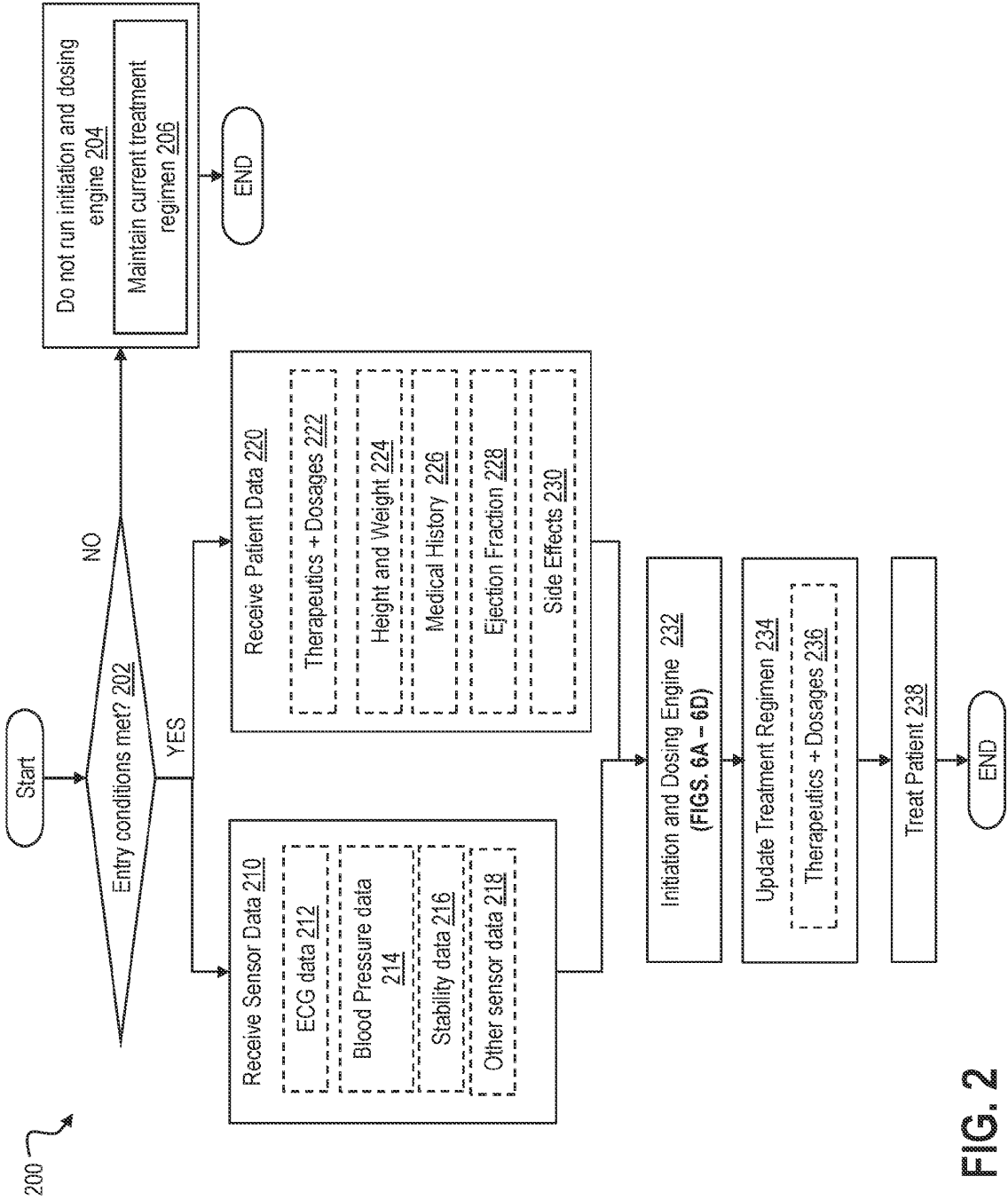
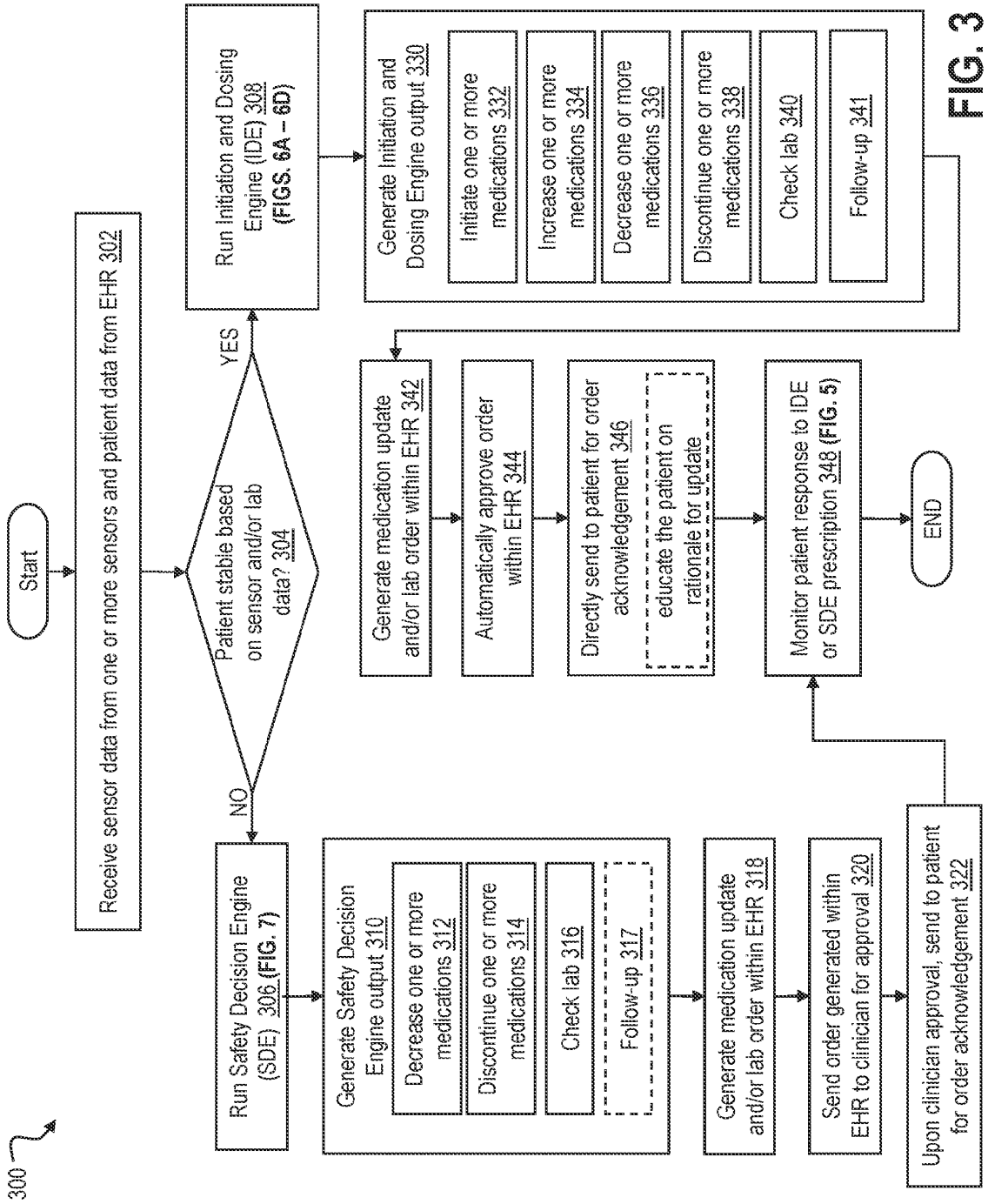


FIG. 2



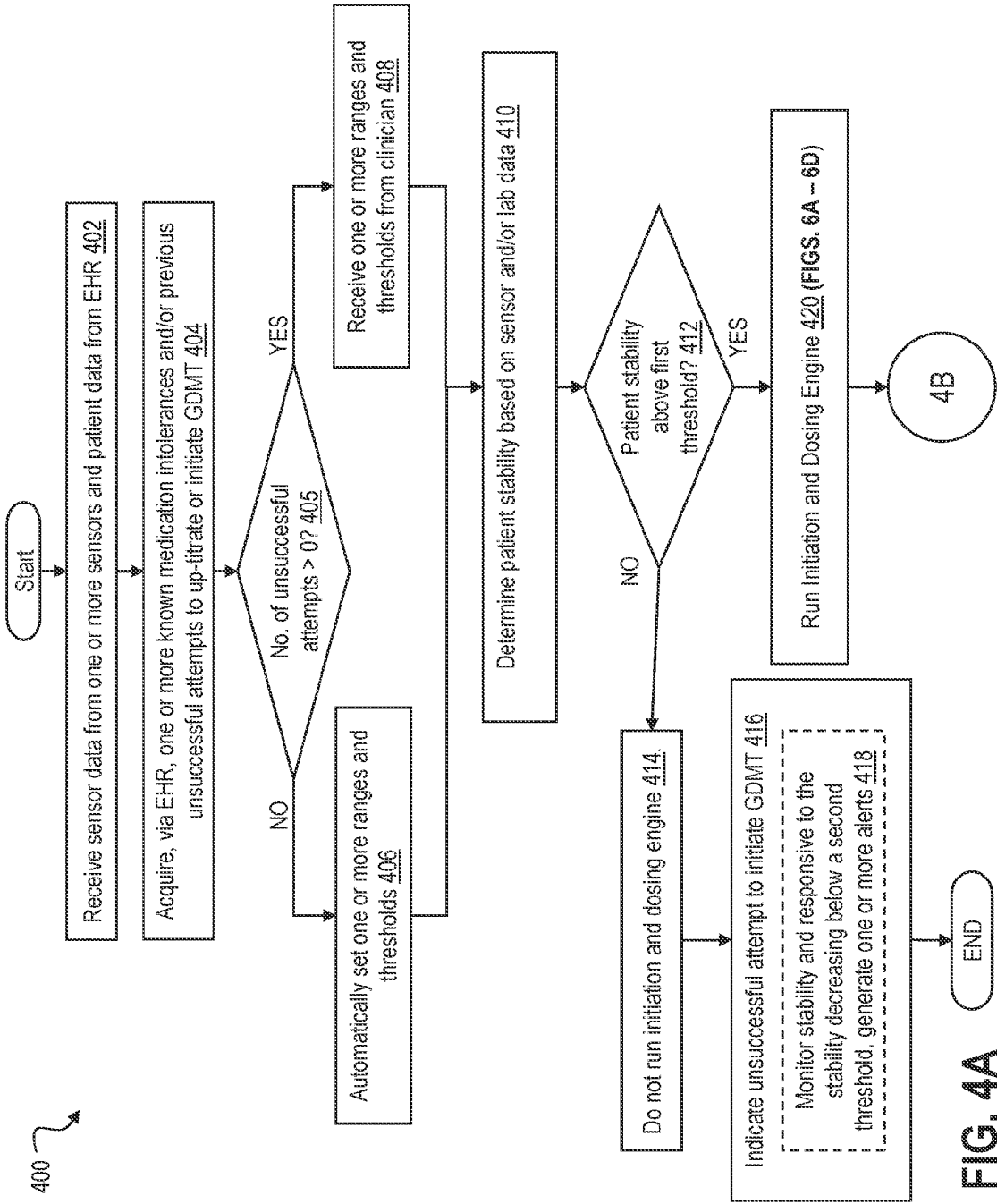
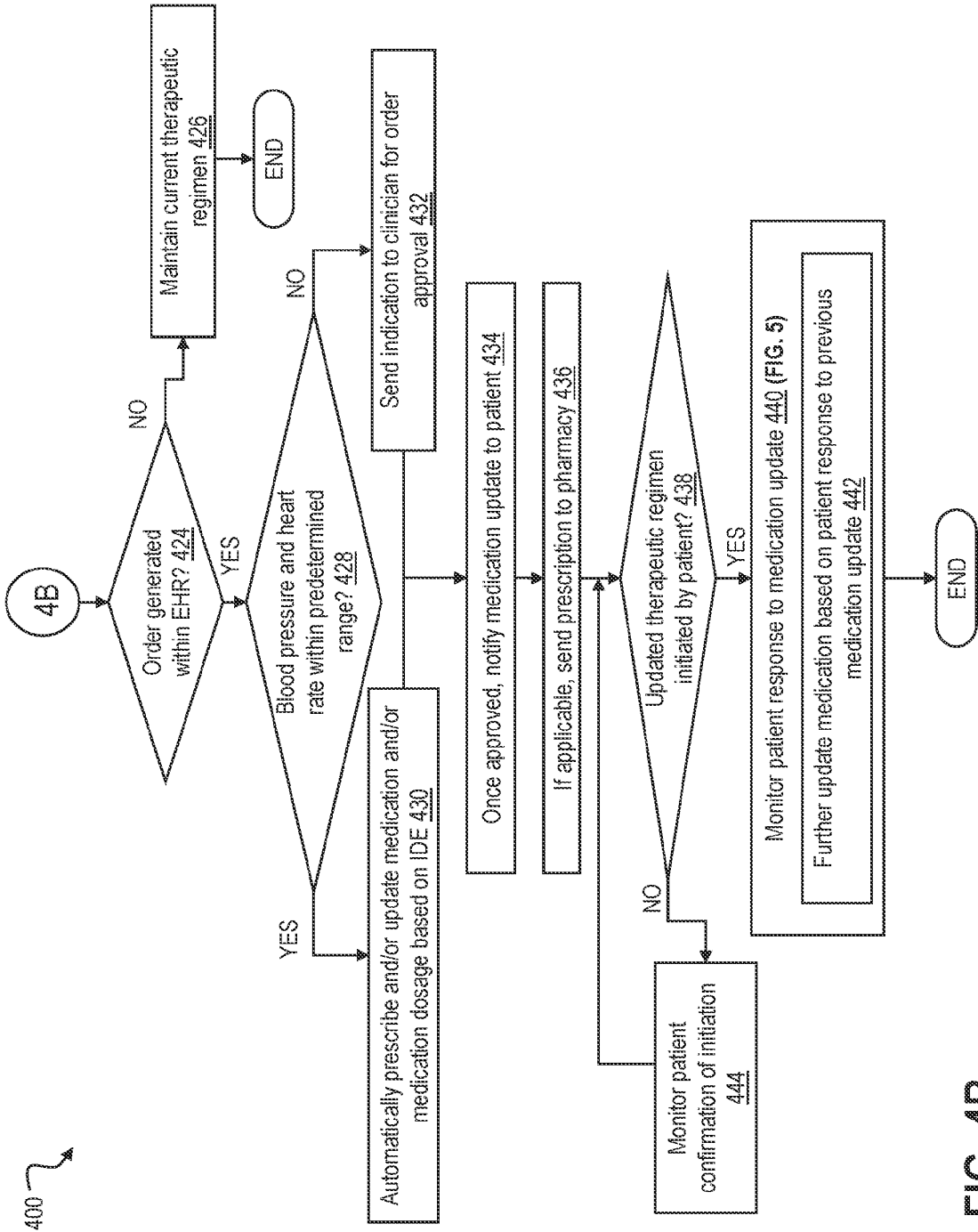


FIG. 4A



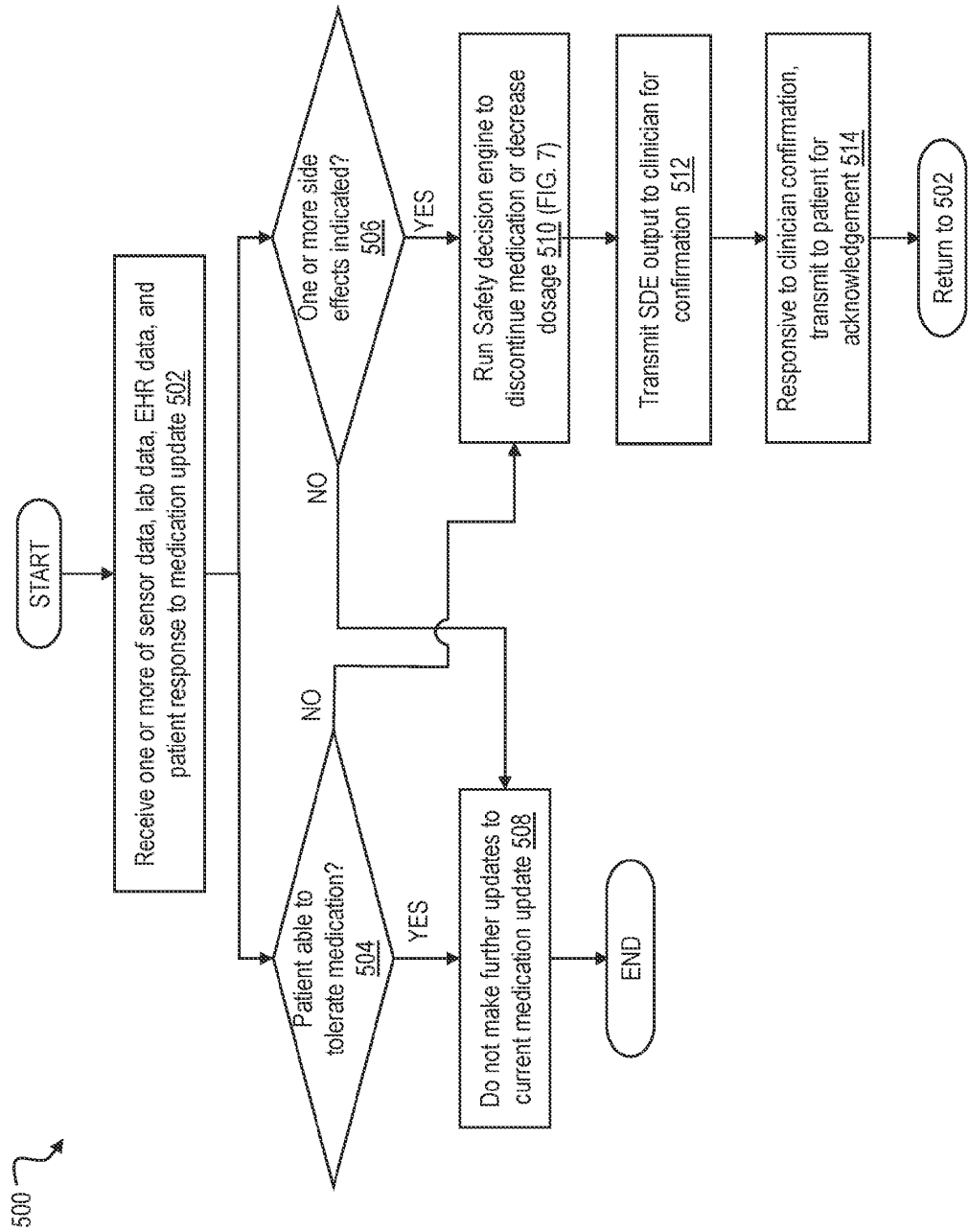


FIG. 5

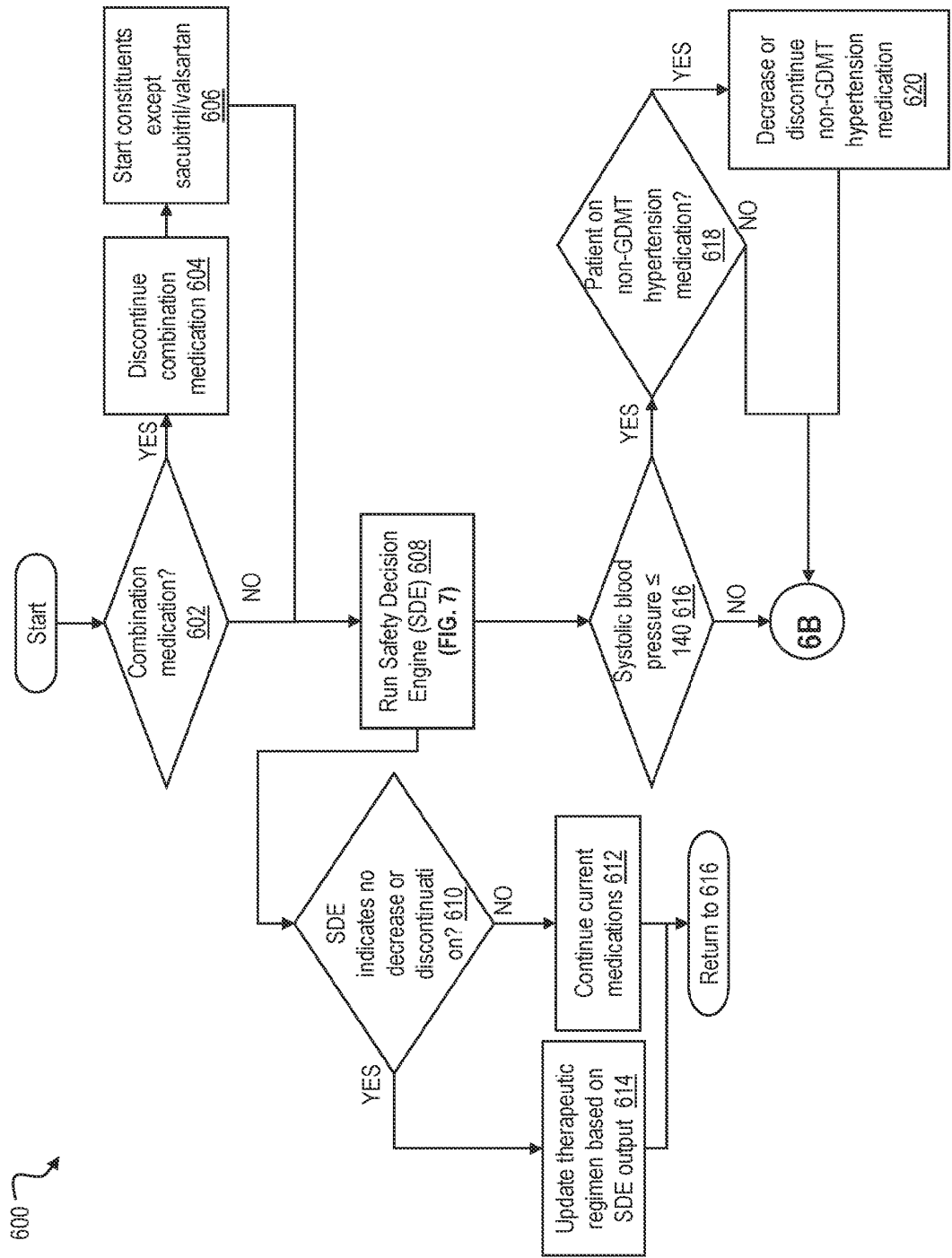


FIG. 6A

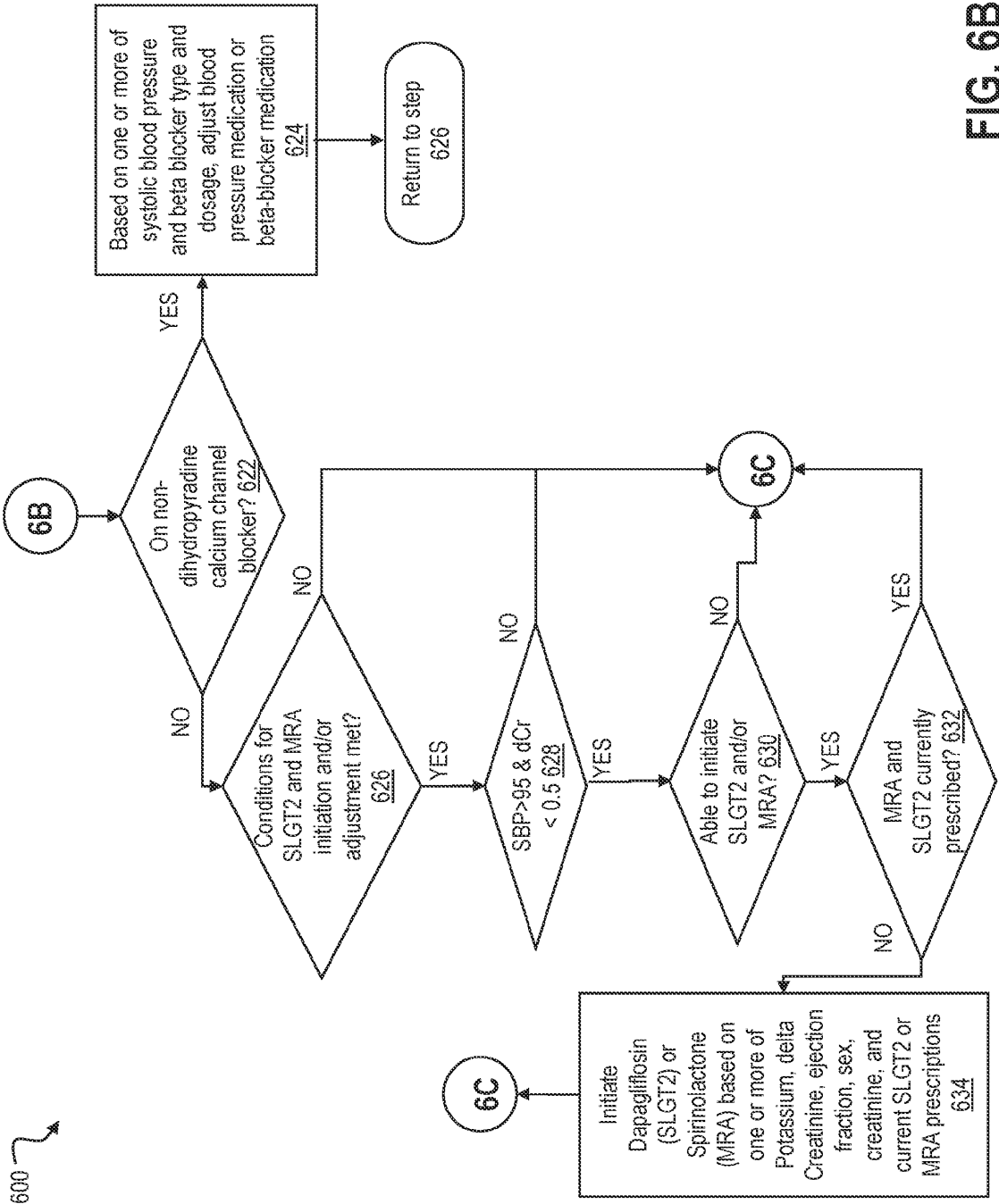
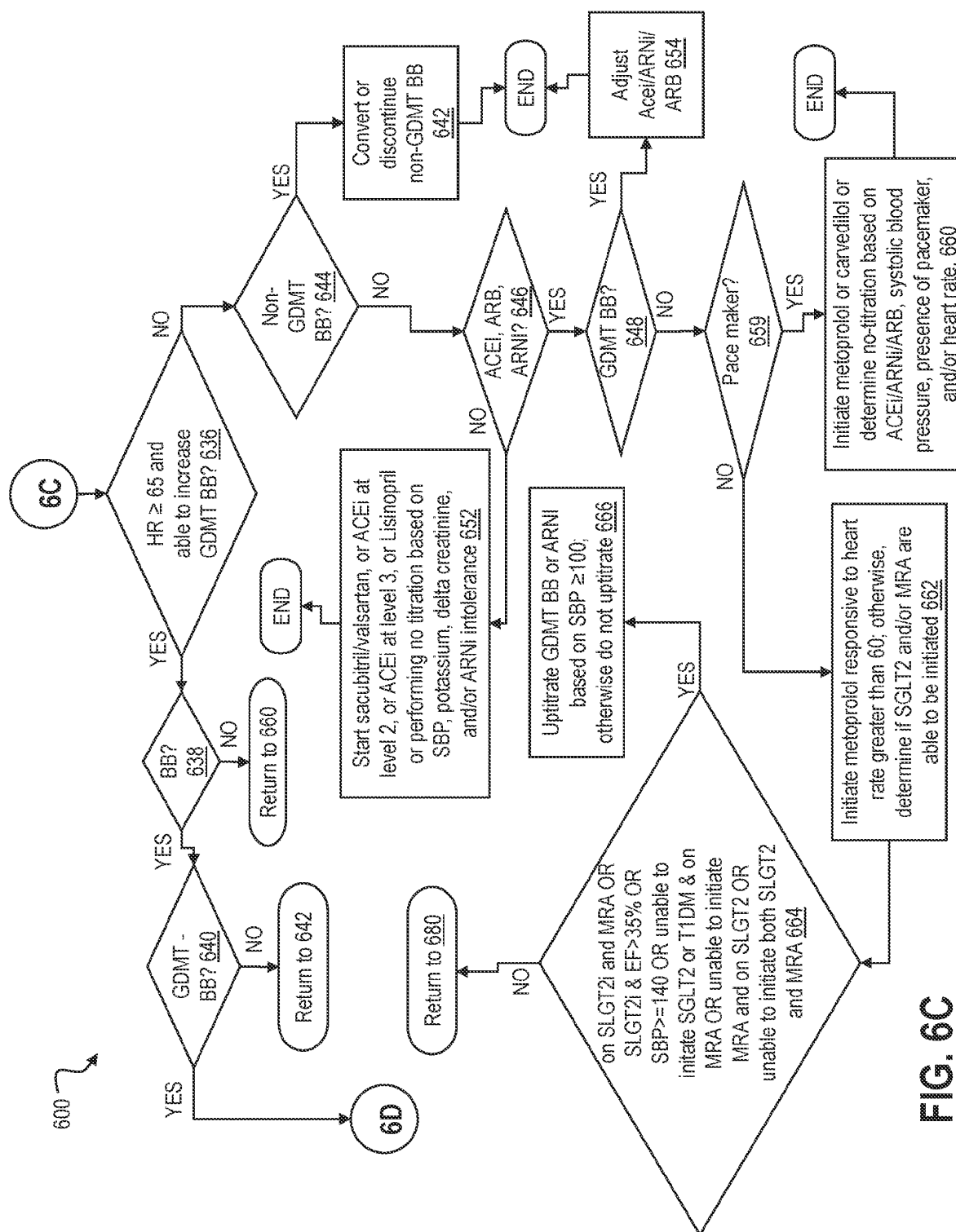


FIG. 6B



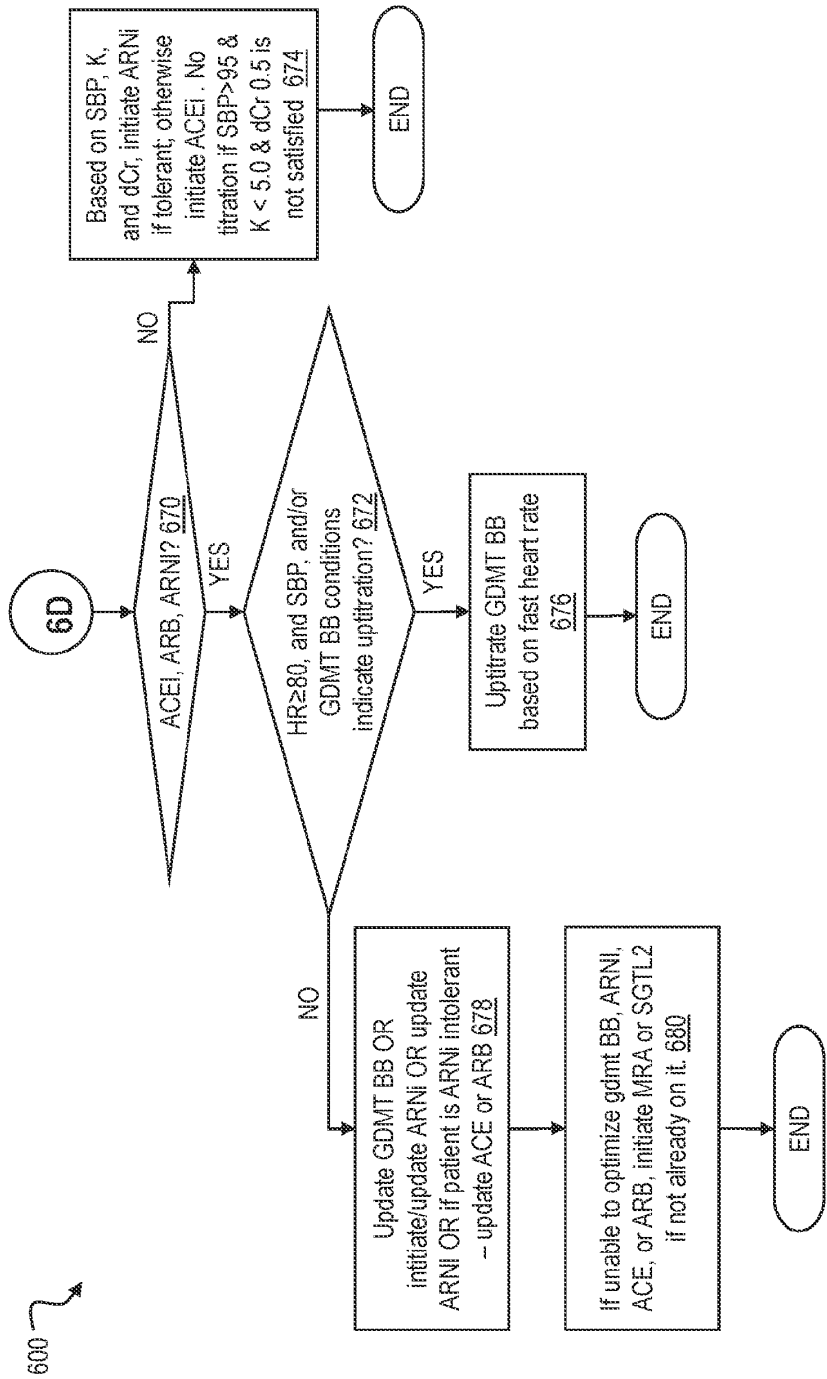


FIG. 6D

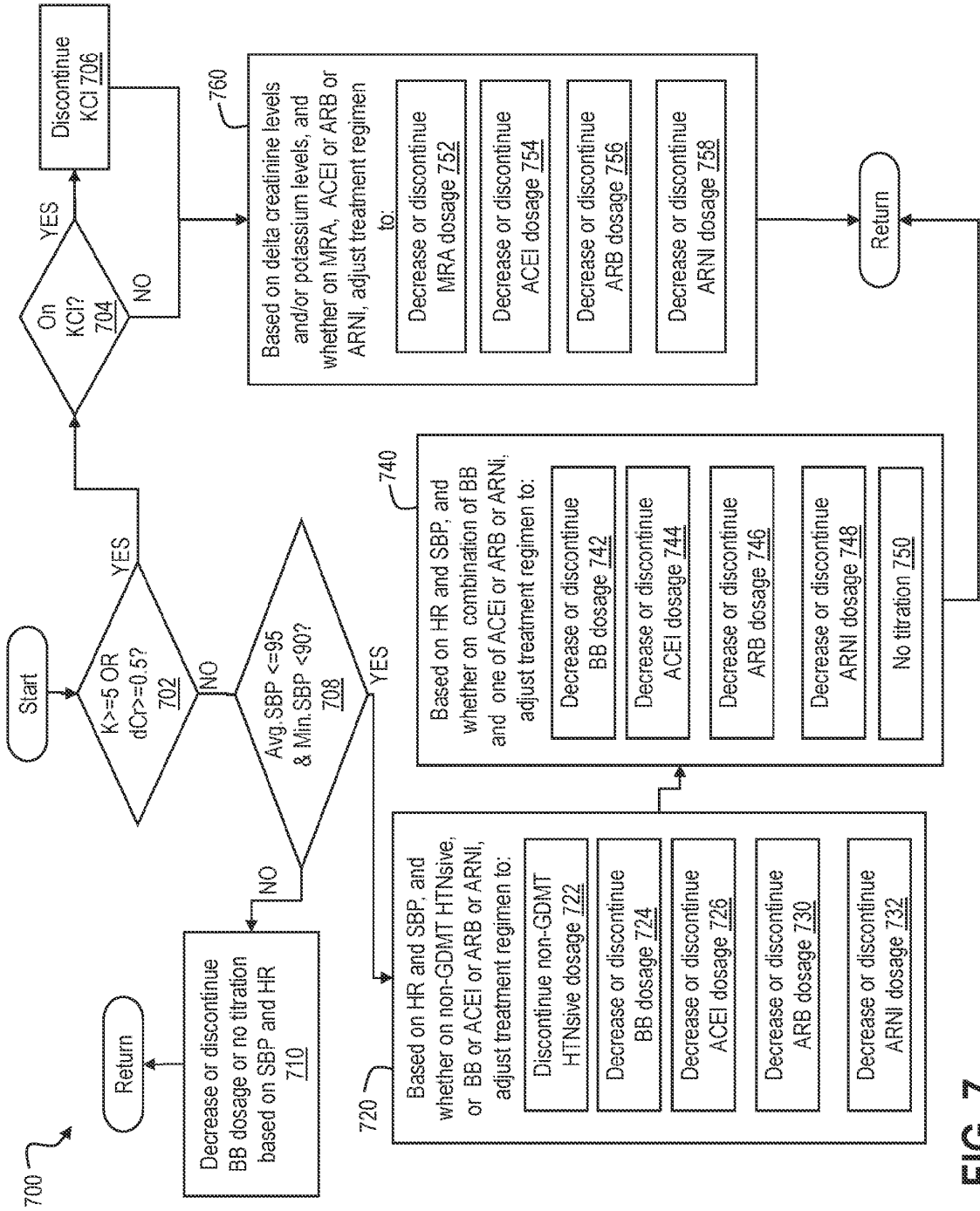


FIG. 7

Age in Years

65

Sex

Female

Avg. Systolic BP

140

Avg. Diastolic BP

62

Avg. HR

75

Ejection Fraction

0.29

Weight (kg)

102

Alcohol/Week

2

Heart Failure

HFrEF

☐ K (mmol/L)

4.2

☐ CR (mg/dL)

2.2

☐ dCR (mg/dL)

0.2

☐ eGFR (mL/min/1.73m²)

42

☐ Atenolol

12.5

Milligrams

BID

☒ Carvedilol

☐ Dapagliflozin

☐ Diltiazem

☐ Lisinopril

20

Milligrams

OD

☐ Metoprolol Succinate

☐ Metoprolol Tartrate

☐ Spironolactone

☐ Tenormin

☐ Valsartan

☐ Prinzide

☐ Hotz

☐ Lisinopril

☒ Sacubitril Valsartan

49

Milligrams

BID

☒ Sacubitril

☒ Valsartan

51

Milligrams

BID

☐ AF Detection

☐ Anticoagulation

☐ Atrial Fibrillation

☒ CABG

☐ Cirrhosis

☒ Coronary Artery Disease

☒ Diabetes

☐ Dialysis

☐ End Stage Renal Disease

☐ Hemodialysis

☐ History of Major Bleeding

☒ Hypertension

☒ ICD

☐ Kidney Transplant

☐ Labile INR

☐ Mod/Severe Mitral Stenosis

☒ Pacemaker

☒ Peripheral Artery Disease

☐ Peritoneal Dialysis

☒ Prior Coronary Stent

☒ Prior MI

☐ Type 1 Diabetes

802

▼ Visited States

1: State: Discontinue Combination Medications

2: State: Check Systolic Blood Pressure

3: State: Check if on non-dihydropyridine calcium channel blocker

4: State: Check if on GDMT Beta Blocker & ARNI Level 2

5: State: Check SBP >= 95 and K < 5.0 and dCR < 0.5 and eGFR > 30

6: State: Check if patient is on MRA drug

7: State: Check if ejection fraction is less than 35%

8: State: Check biological sex

9: State: Check Cr limit (Z)

10: State: Check if heart rate is greater than or equal to 65

11: State: Check if patient is on a beta blocker (HR > 65)

12: State: Check if patient is on GDMT beta blocker

13: State: Check if patient is on ACEI/ARB/ARNI medication (HR > 65)

14: State: Check if patient is on GDMT Beta Blocker Level 3-5 (HR > 65)

15: State: Check if patient is on ACEI medication (HR > 65)

16: State: Check if patient is on an ARB medication (HR > 65)

17: State: Check if patient is on ARNI Level 1 (HR > 65)

18: State: No titration.

▲ Generated Orders

▲ Generated Alerts

FIG. 8A

[illegible]

Drug	Class	Level 1	Level 2	Level 3	Level 4	Level 5
Bisoprolol	Beta blocker	1.25 mg QD	2.5 mg QD	<u>5 mg QD</u>	10 mg QD#	10 mg QD#
Carvedilol	Beta blocker	3.125 mg BID	6.25 mg BID	<u>12.5 mg BID</u>	25 mg BID*	50 mg BID*
Metoprolol succinate	Beta blocker	12.5 mg QD	25 mg QD	50 mg QD	<u>100 mg QD</u>	200 mg QD#
Captopril	ACEI	6.25 mg TID	12.5 mg TID	<u>25 mg TID</u>	50 mg TID#	50 mg TID#
Enalapril	ACEI	2.5 mg qd	2.5 mg BID	<u>5 mg BID</u>	10 mg BID#	20 mg BID
Fosinopril	ACEI	2.5 mg QD	5 mg QD	10 mg QD	<u>20 mg QD</u>	40 mg QD#
Lisinopril	ACEI	2.5 mg QD	5 mg QD	10 mg QD	<u>20 mg QD</u>	40 mg QD#
Perindopril	ACEI	2 mg QD	4 mg QD	<u>8 mg QD</u>	16 mg QD#	16 mg QD#
Quinapril	ACEI	2.5 mg QD	2.5 mg BID	5 mg BID	<u>10 mg BID</u>	20 mg BID#
Ramipril	ACEI	1.25 mg QD	2.5 mg QD	<u>5 mg QD</u>	10 mg QD#	10 mg QD#
Trandolopril	ACEI	1 mg QD	<u>2 mg QD</u>	4 mg QD#	4 mg QD#	4 mg QD#
Candesartan	ARB	4 mg QD	8 mg QD	<u>16 mg QD</u>	32 mg QD#	32 mg QD#
Losartan	ARB	12.5 mg QD	25 mg QD	<u>50 mg QD</u>	100 mg QD#	100 mg QD#

FIG. 9A

Drug	Class	Level 1	Level 2	Level 3	Level 4	Level 5
Valsartan	ARB	40 mg QD	40 mg BID	<u>80 mg BID</u>	160 mg BID#	160 mg BID#
Olmesartan	ARB	10 mg QD	<u>20 mg QD</u>	40 mg QD#	40 mg QD#	40 mg QD#
Sacubitril / Valsartan	ARNI	12/13 mg BID	<u>24/26 mg BID</u>	49/51 mg BID	97/103 mg BID#	97/103 mg BID
Spirolactone	MRA	<u>12.5 mg QD</u>	25 mg QD#	25 mg BID	25 mg BID	25 mg BID
Eplerenone	MRA	<u>25 mg QD</u>	50 mg QD#	50 mg QD	50 mg QD	50 mg QD
Dapagliflozin	SGLT2i	<u>5 mg</u>	10 mg QD	10 mg QD	10 mg QD	10 mg QD
Empagliflozin	SGLT2i	10 mg QD#	25 mg QD	25 mg QD	25 mg QD	25 mg QD
Canagliflozin	SGLT2i	100 mg QD	200 mg QD	300 mg QD	300 mg QD	300 mg QD
Ertugliflozin	SGLT2i	5 mg QD	10 mg QD	15 mg QD	15 mg QD	15 mg QD
<u>50% of target dose</u>						
# Target Dose						

FIG. 9B

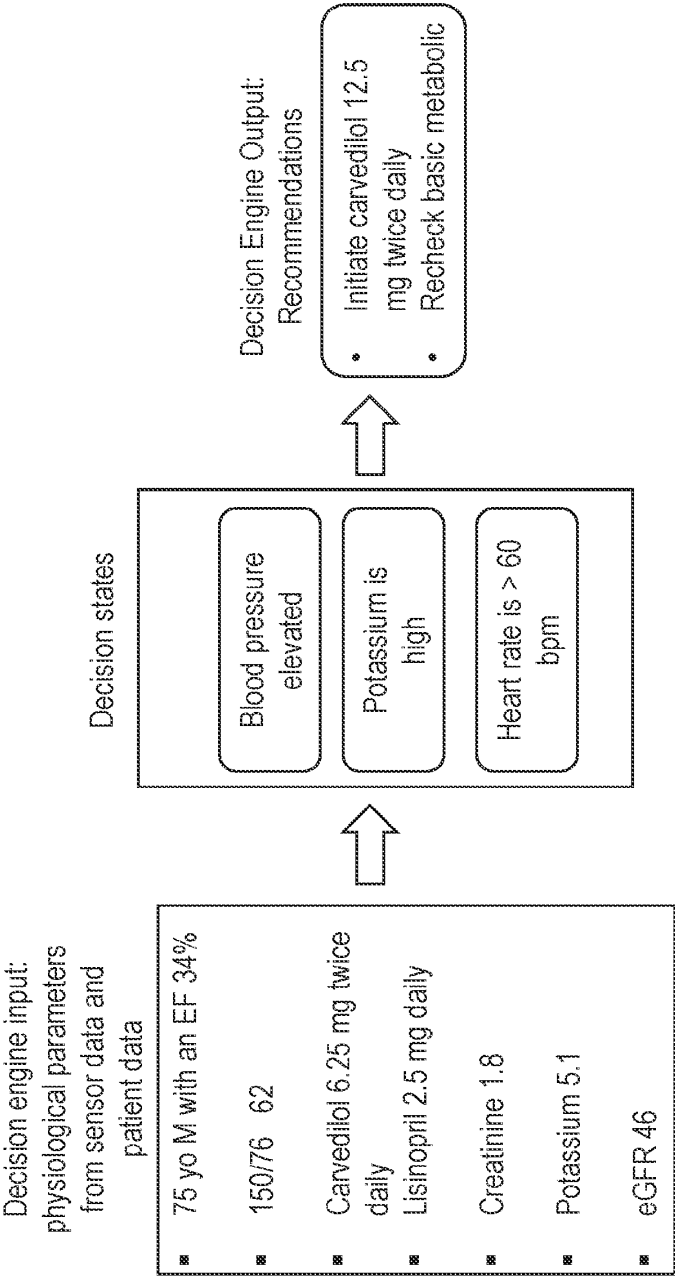


FIG. 10A

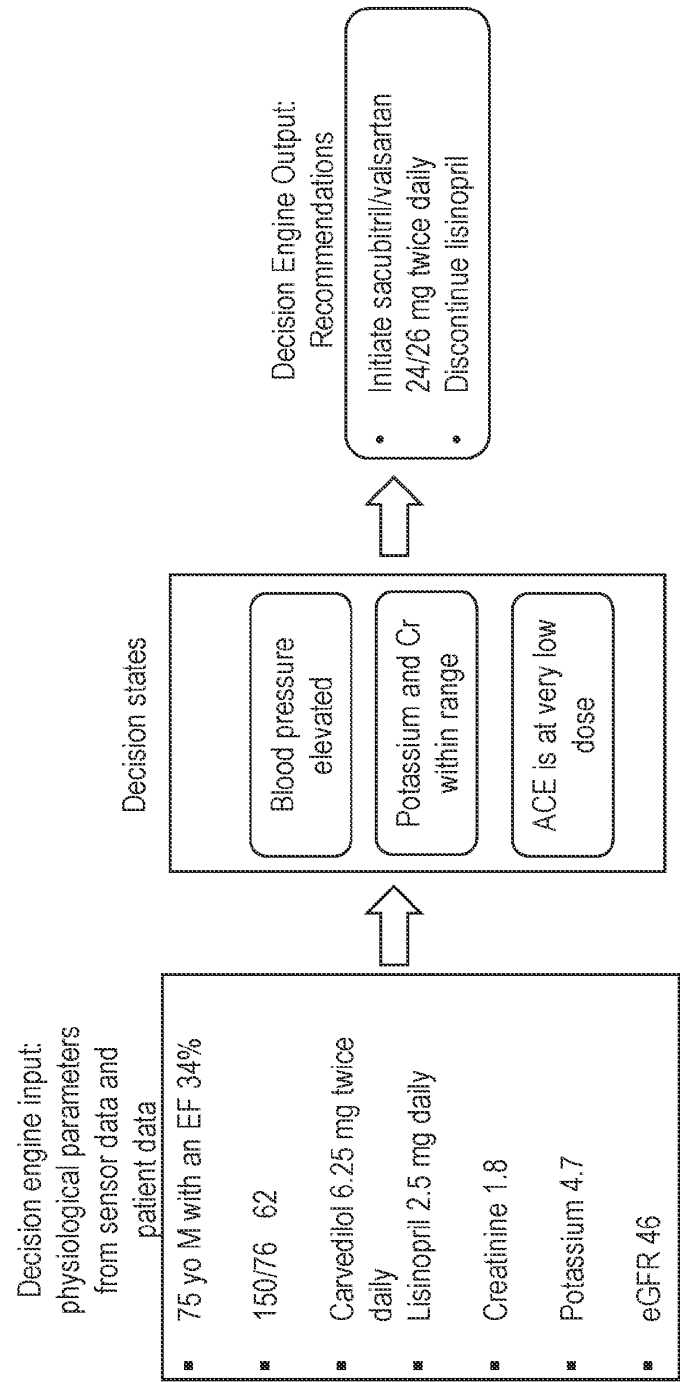


FIG. 10B

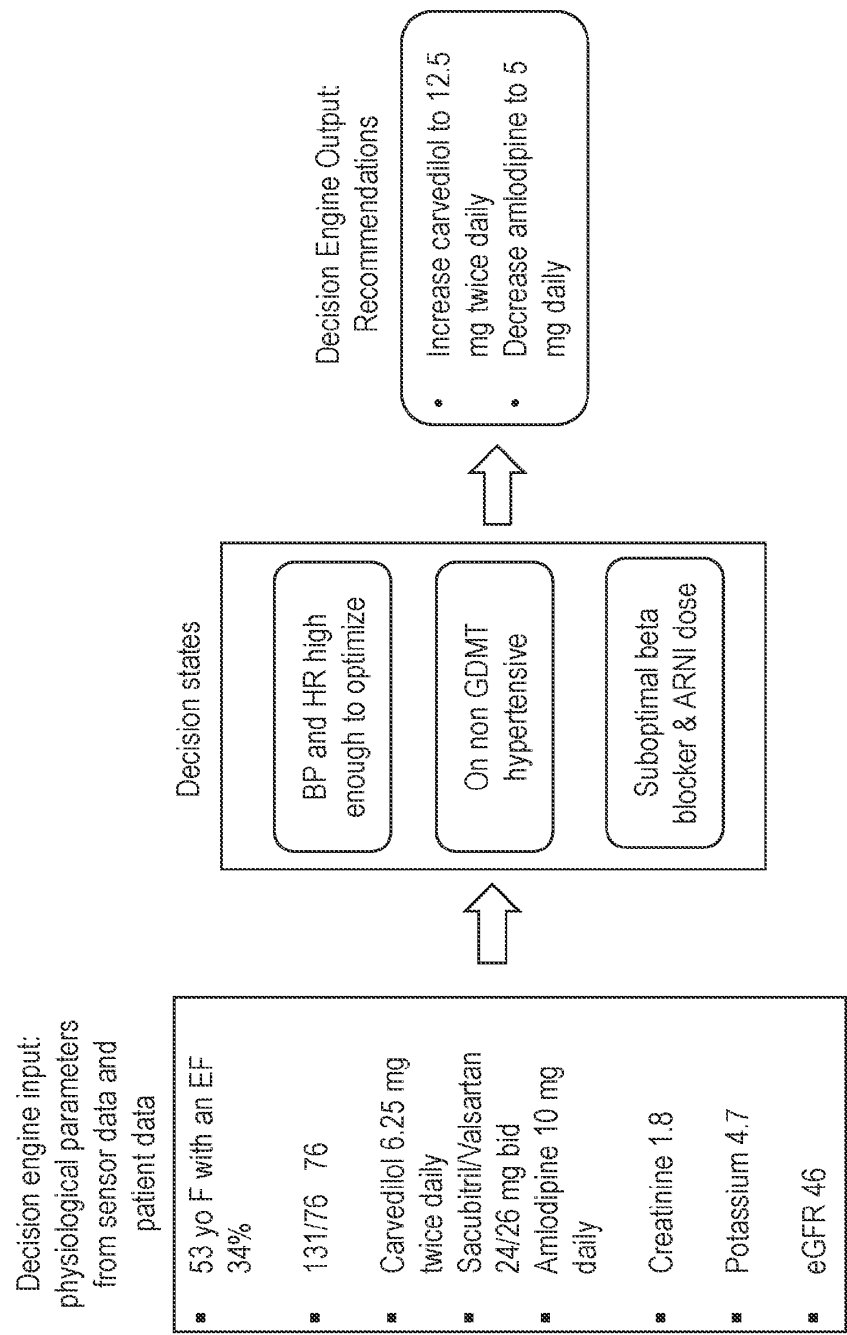


FIG. 11A

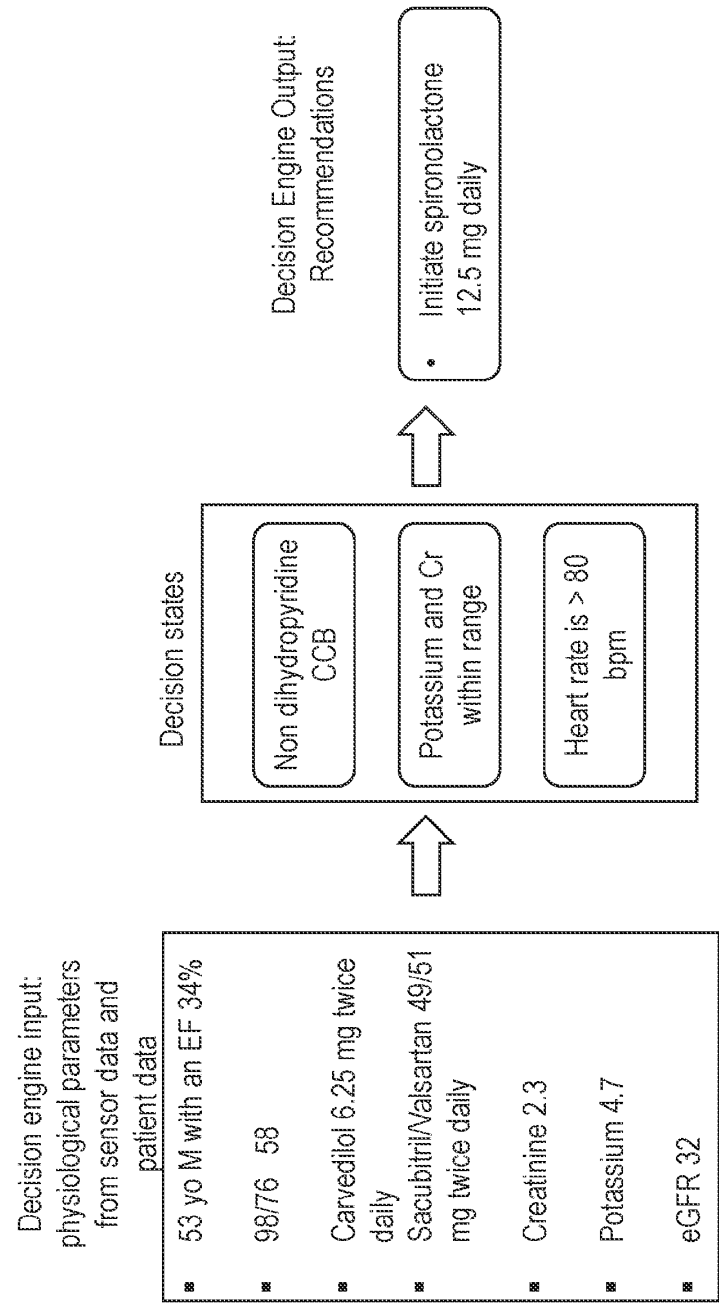


FIG. 11B

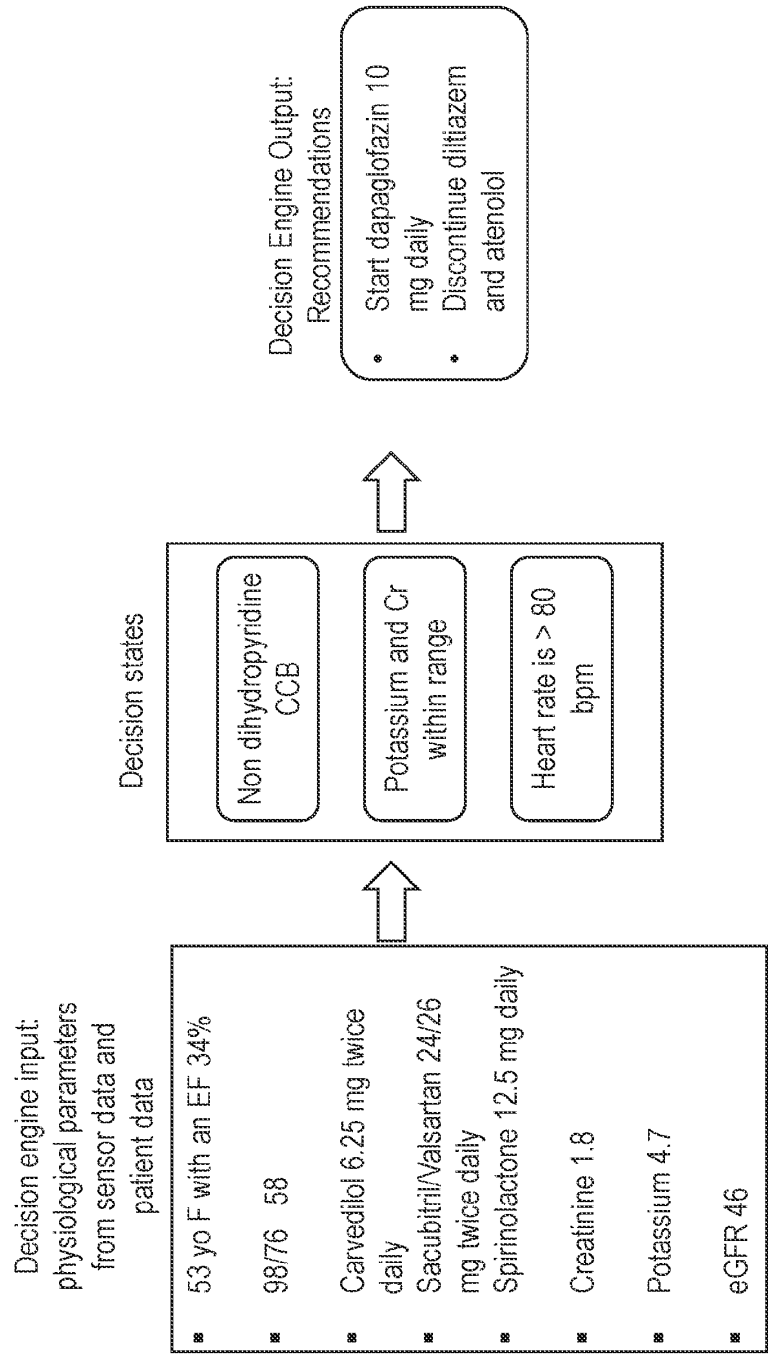


FIG. 11C

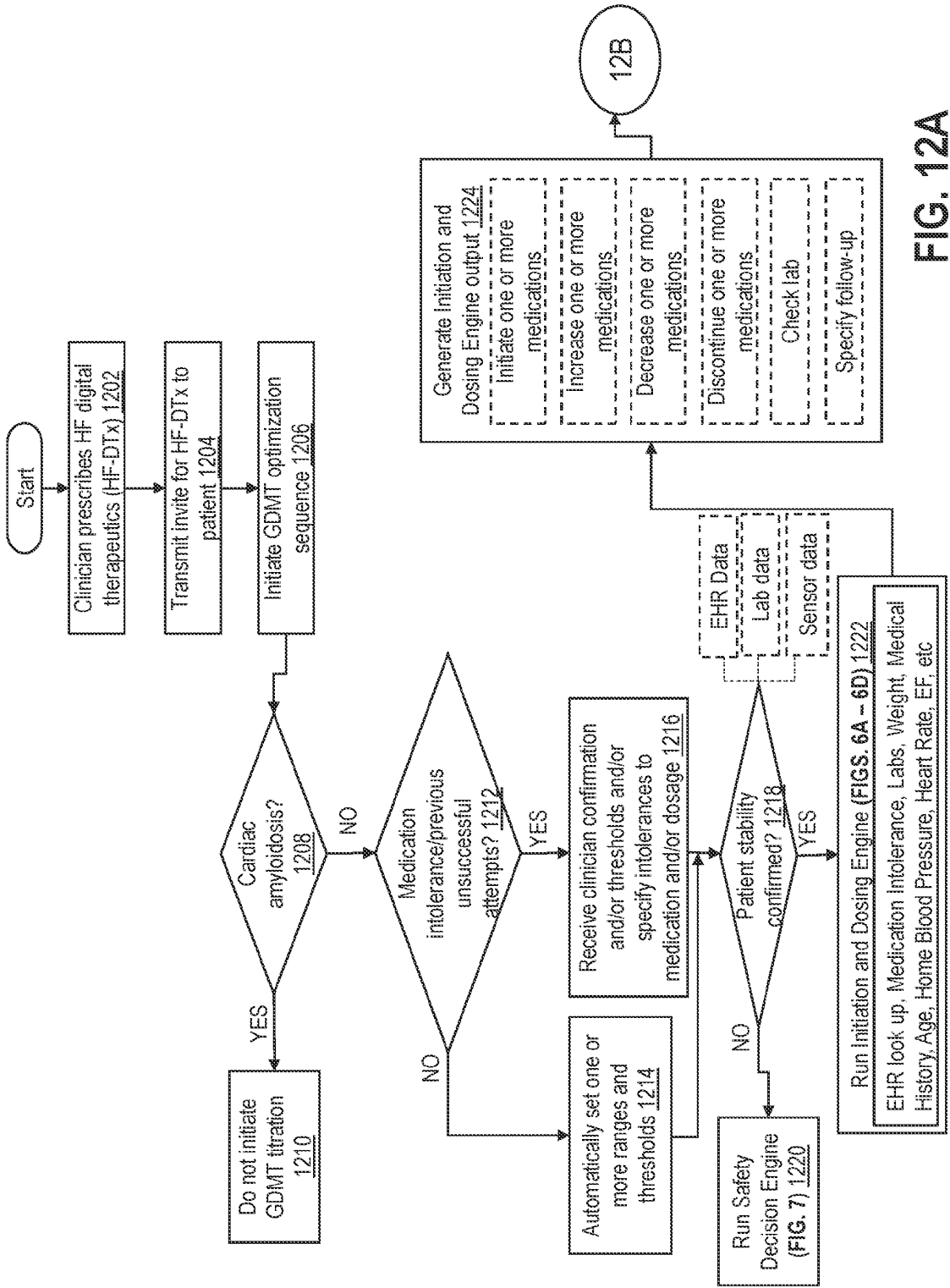


FIG. 12A

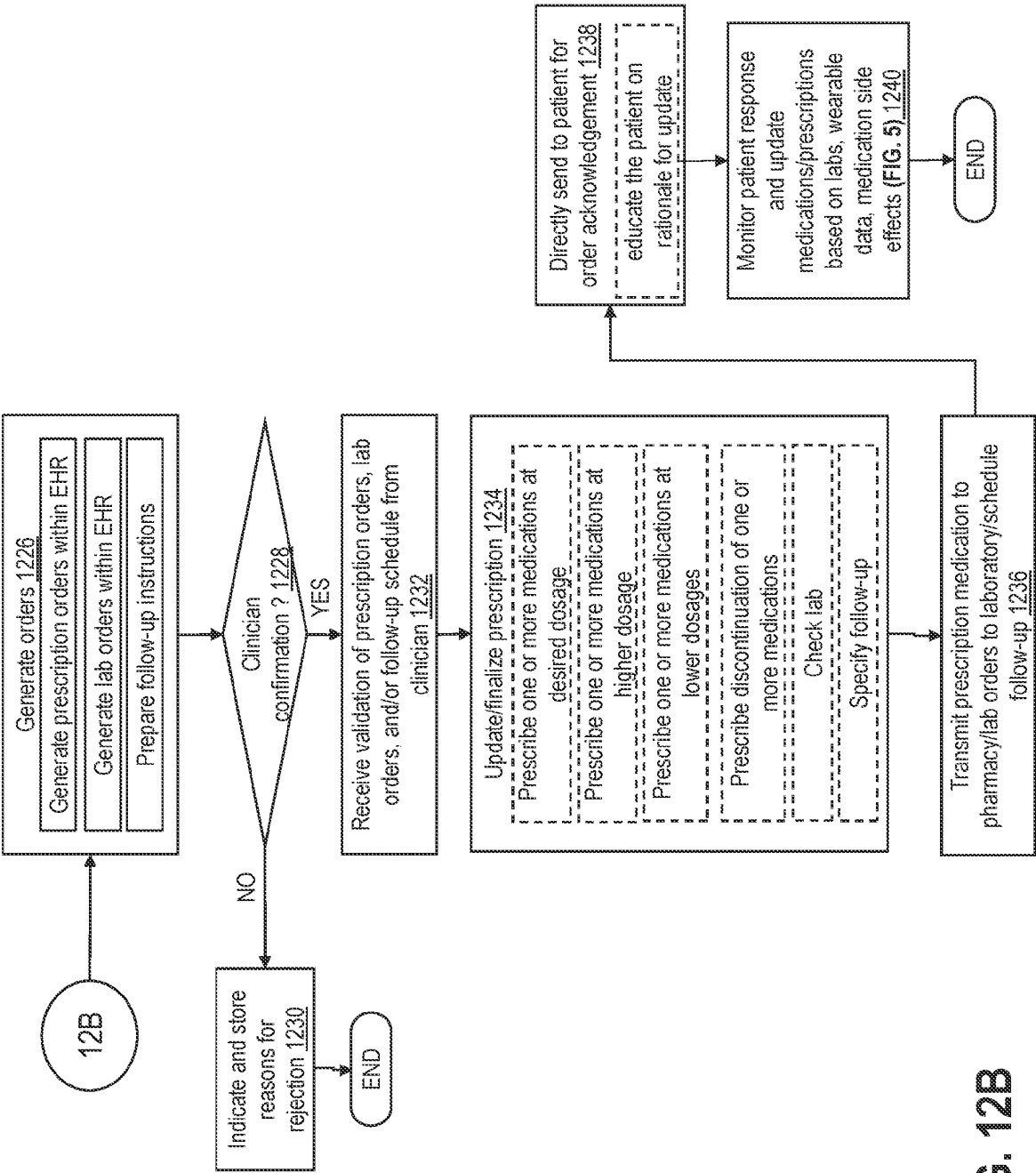
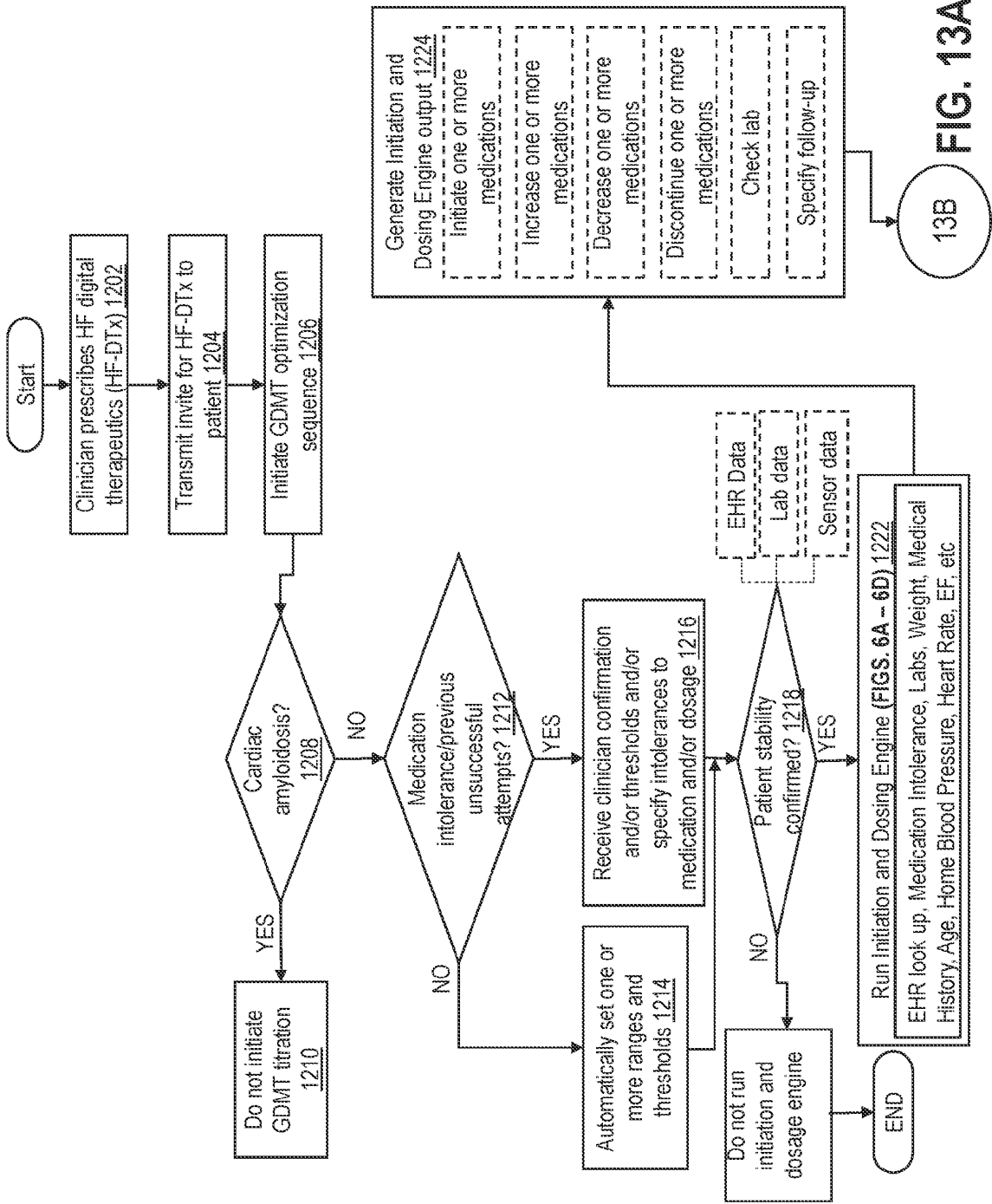


FIG. 12B



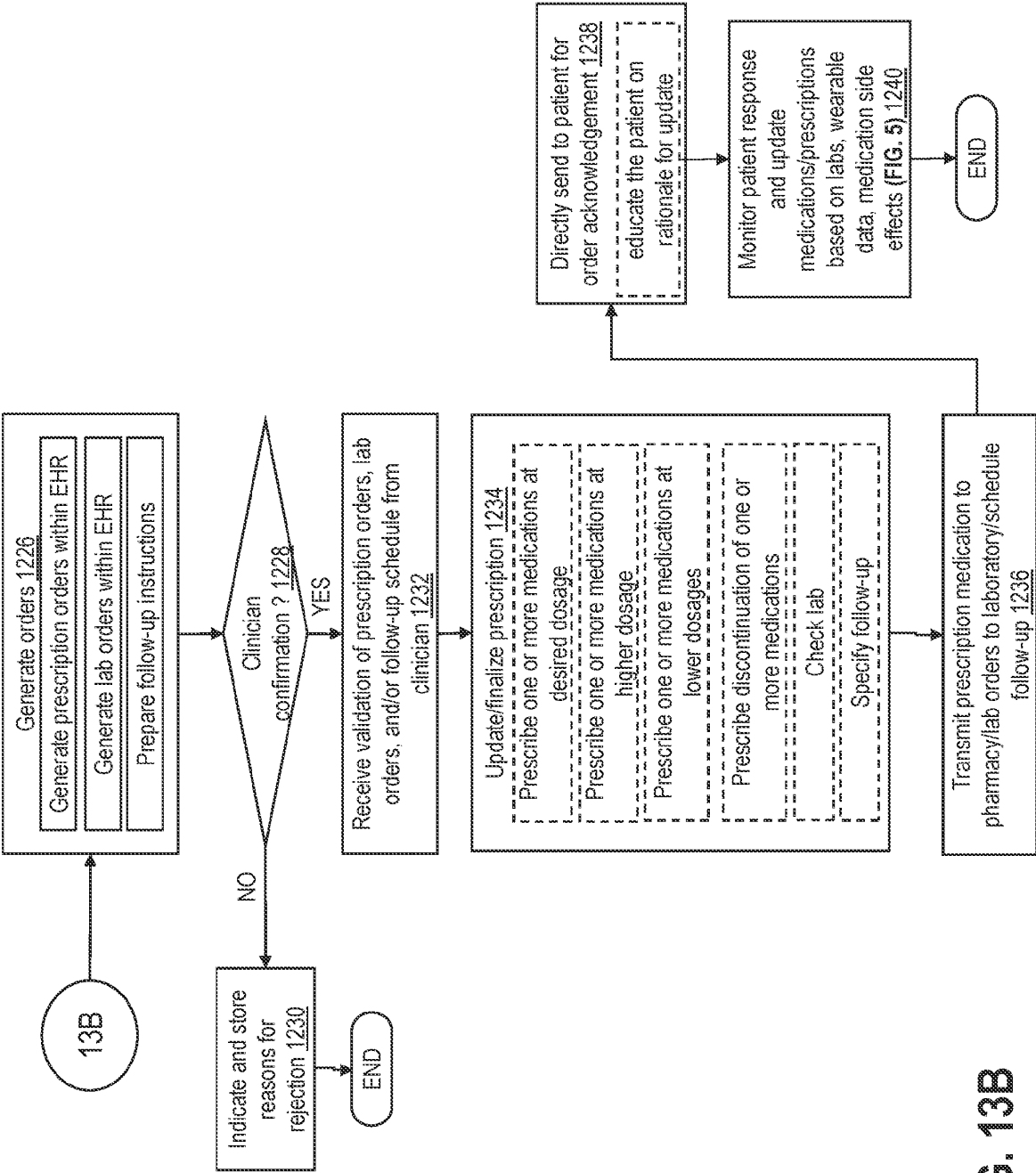


FIG. 13B

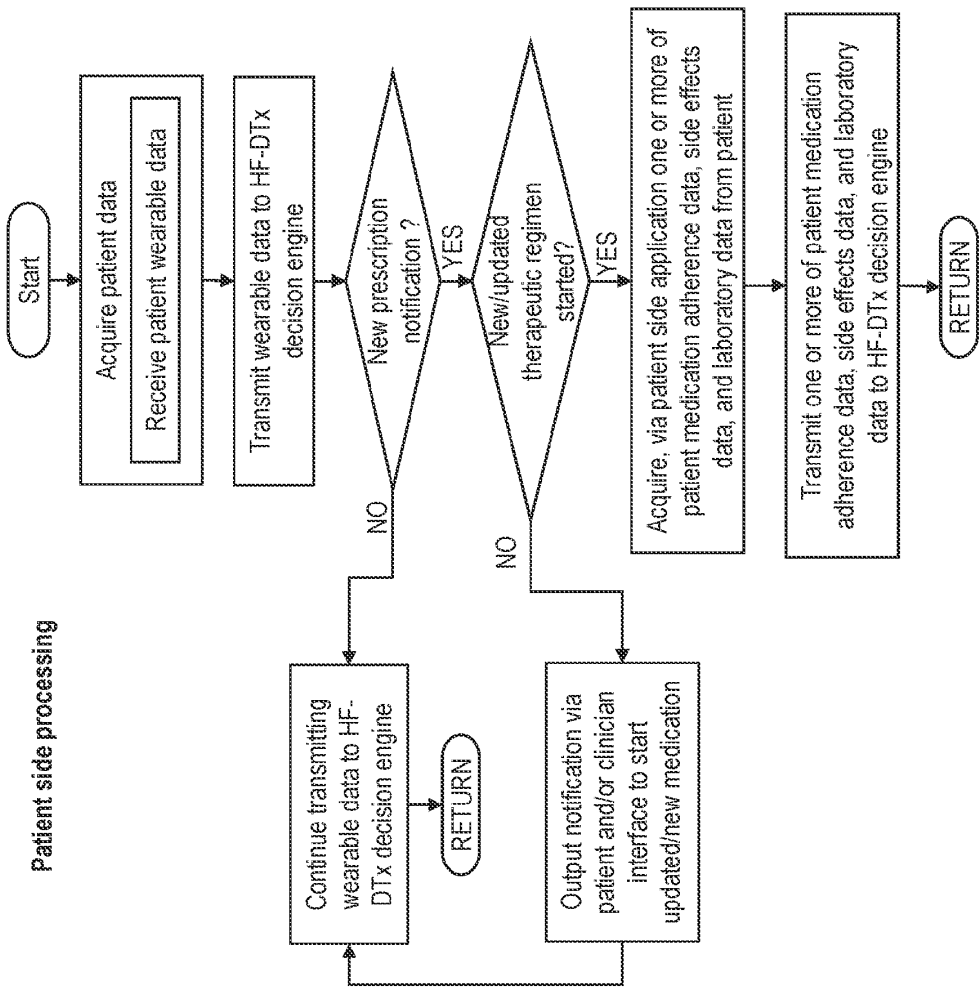


FIG. 14

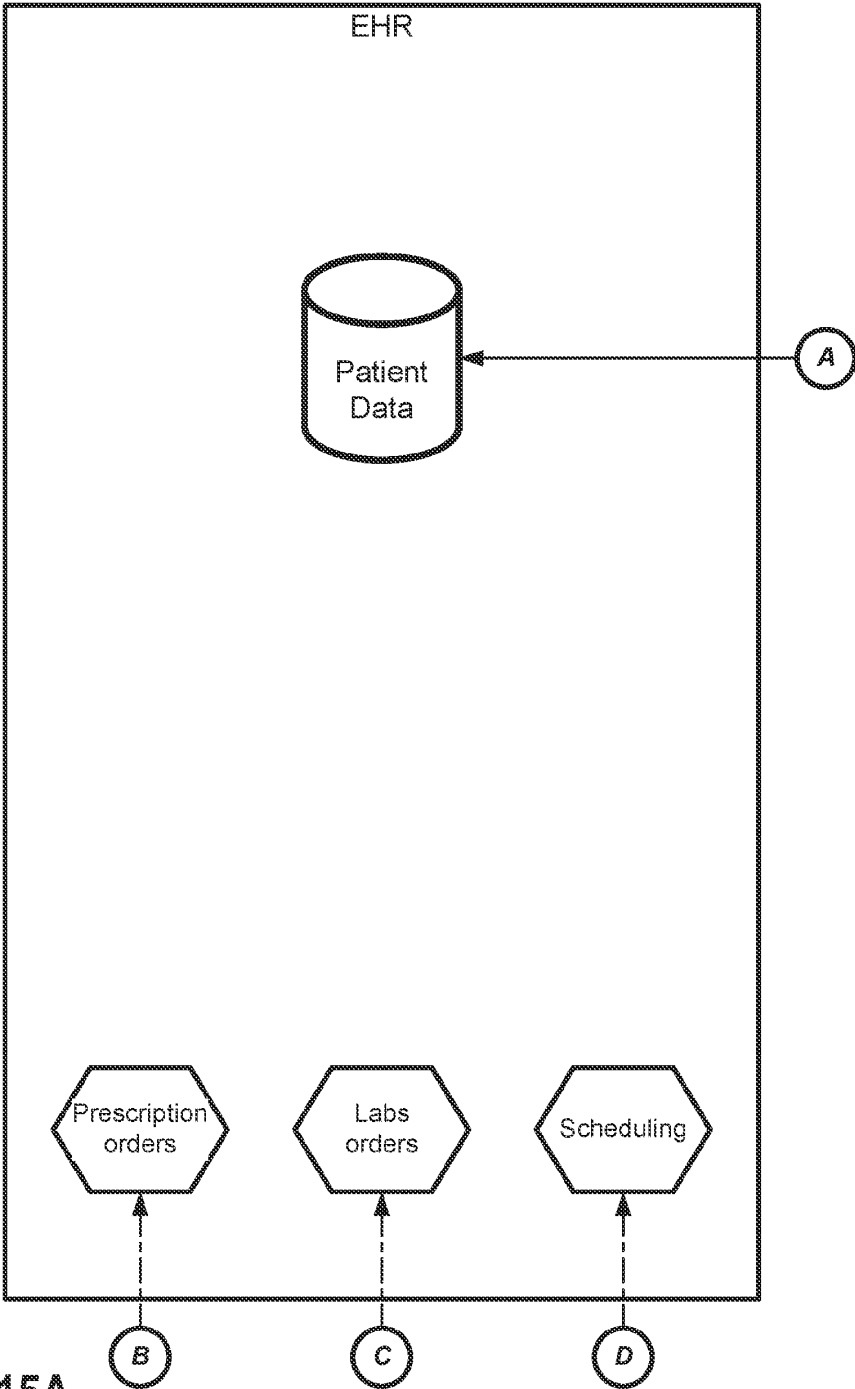
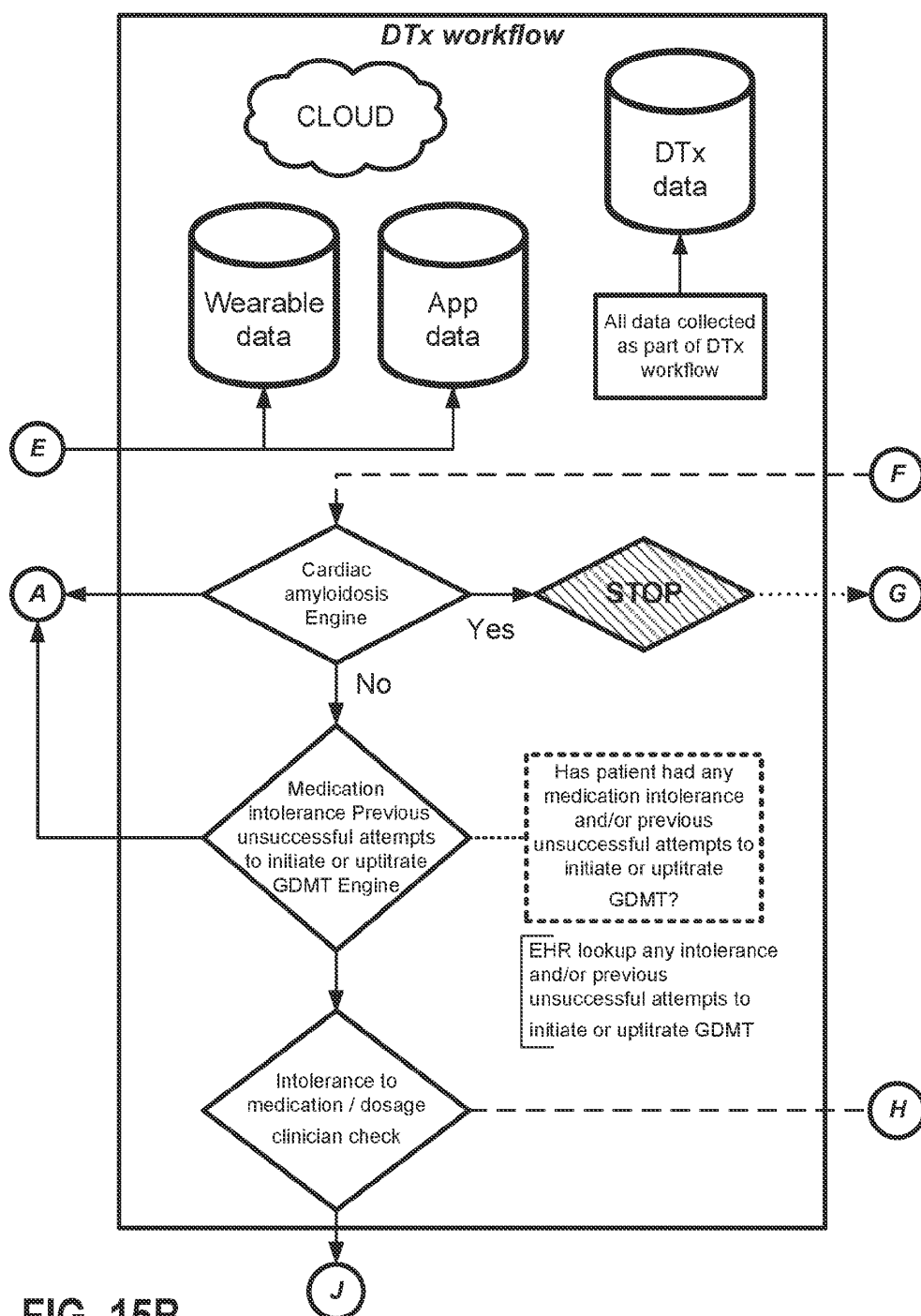
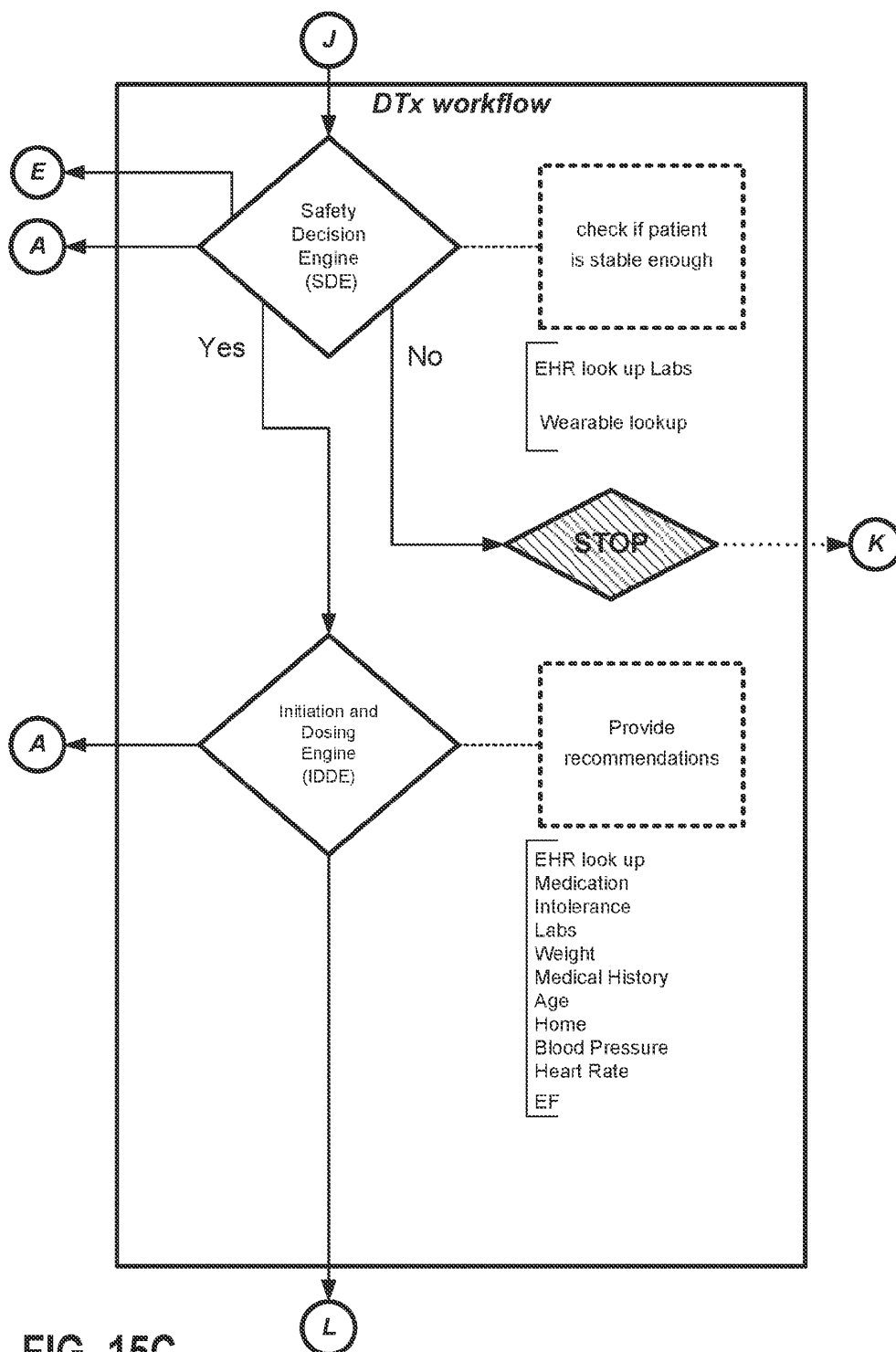


FIG. 15A





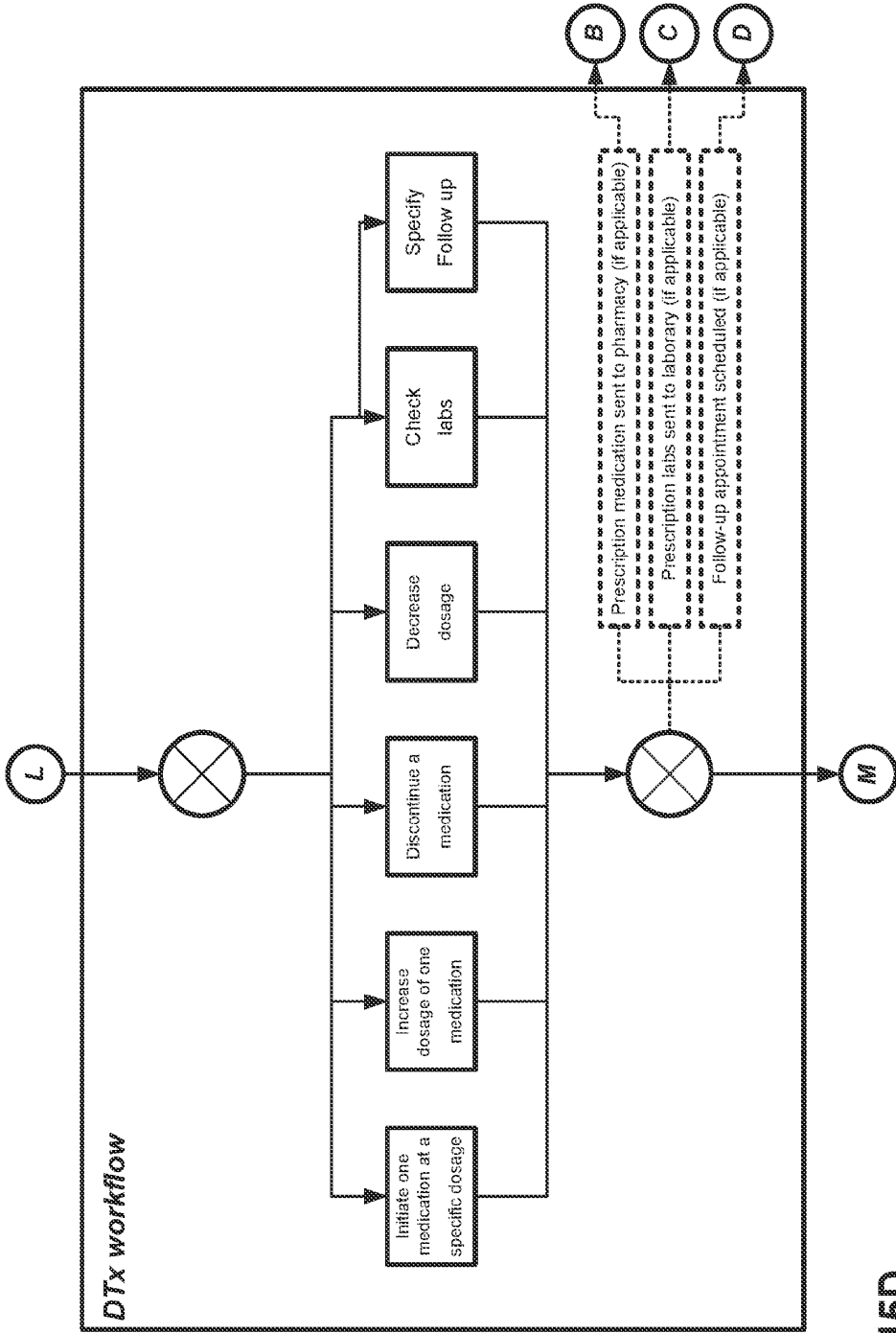


FIG. 15D

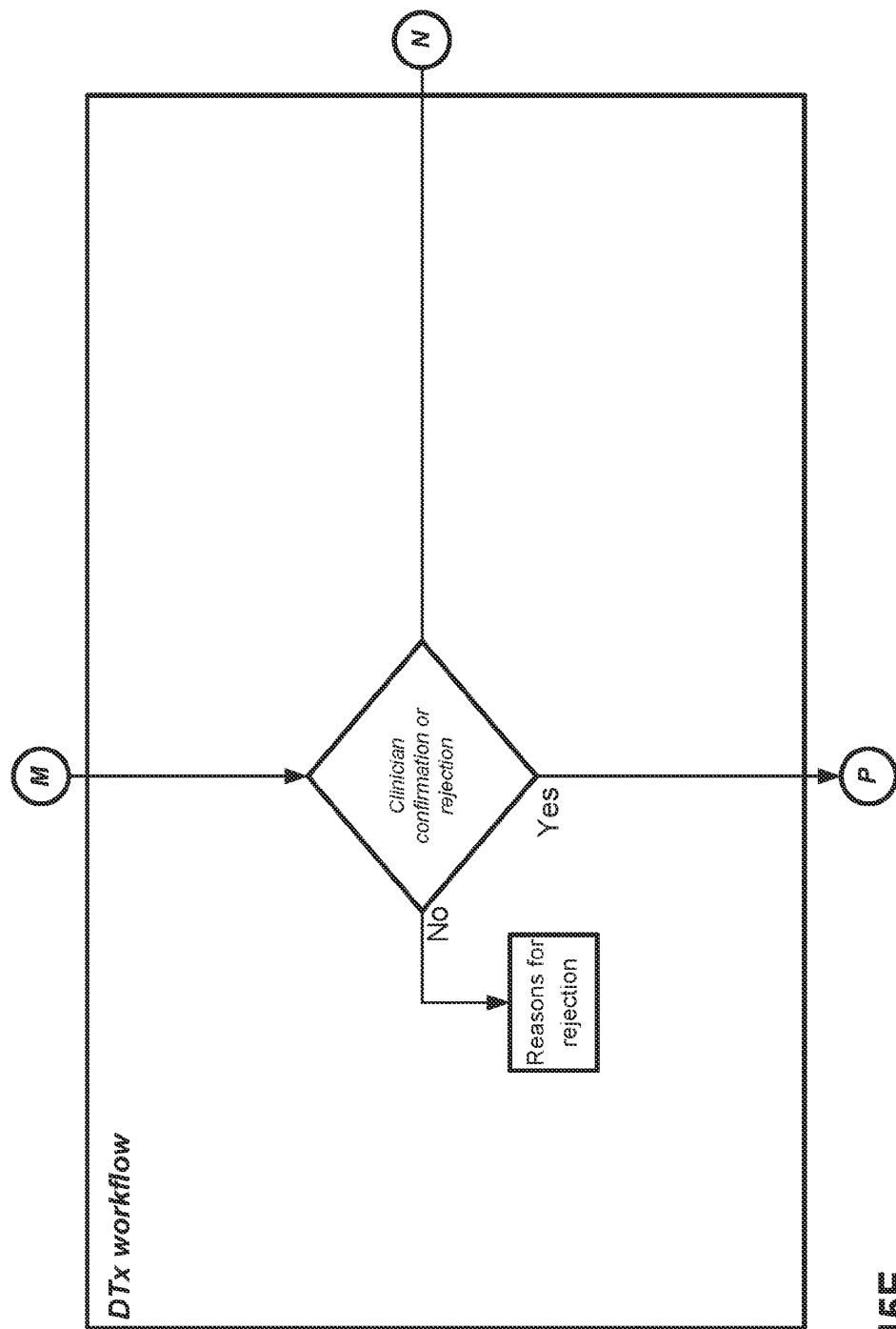


FIG. 15E

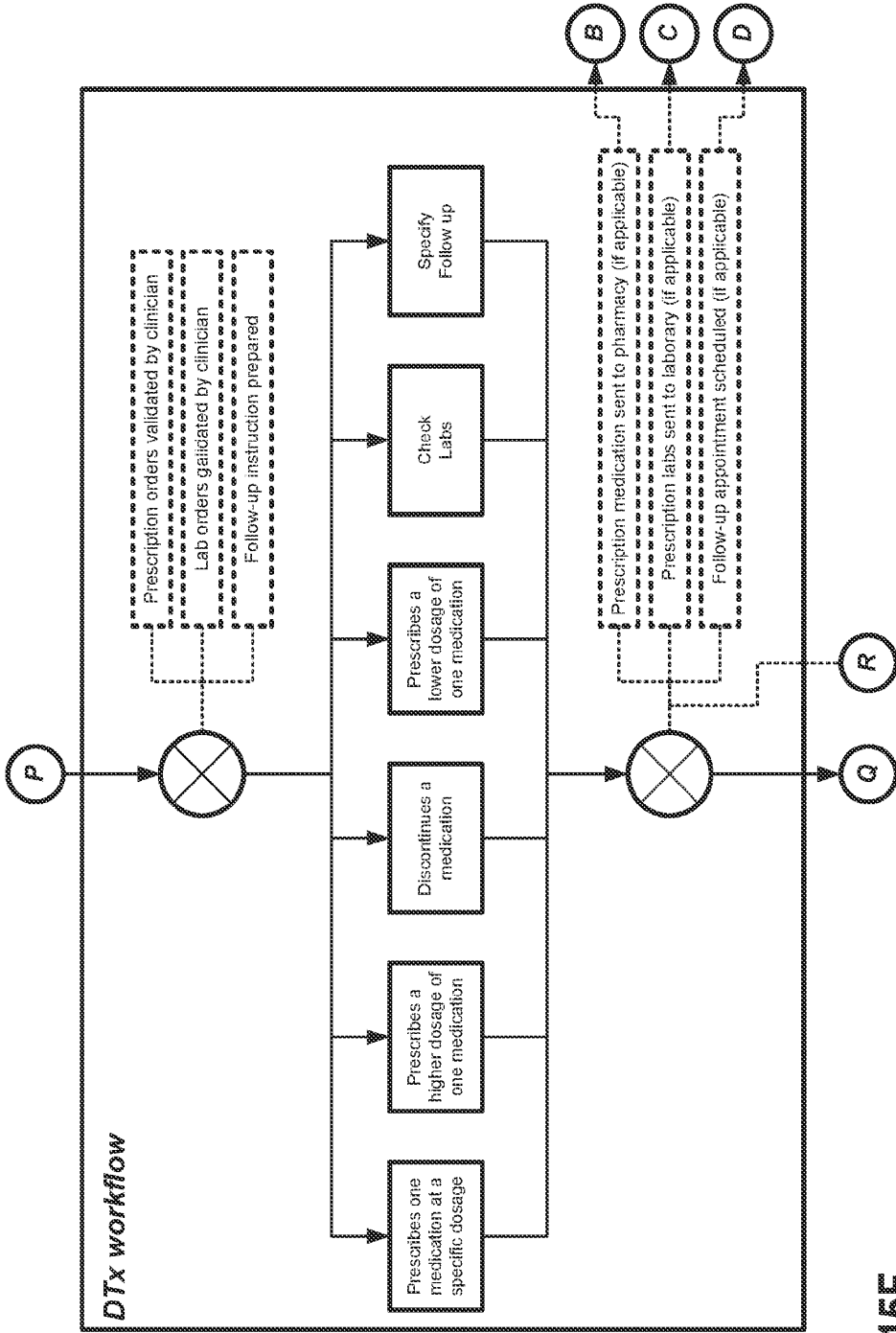


FIG. 15F

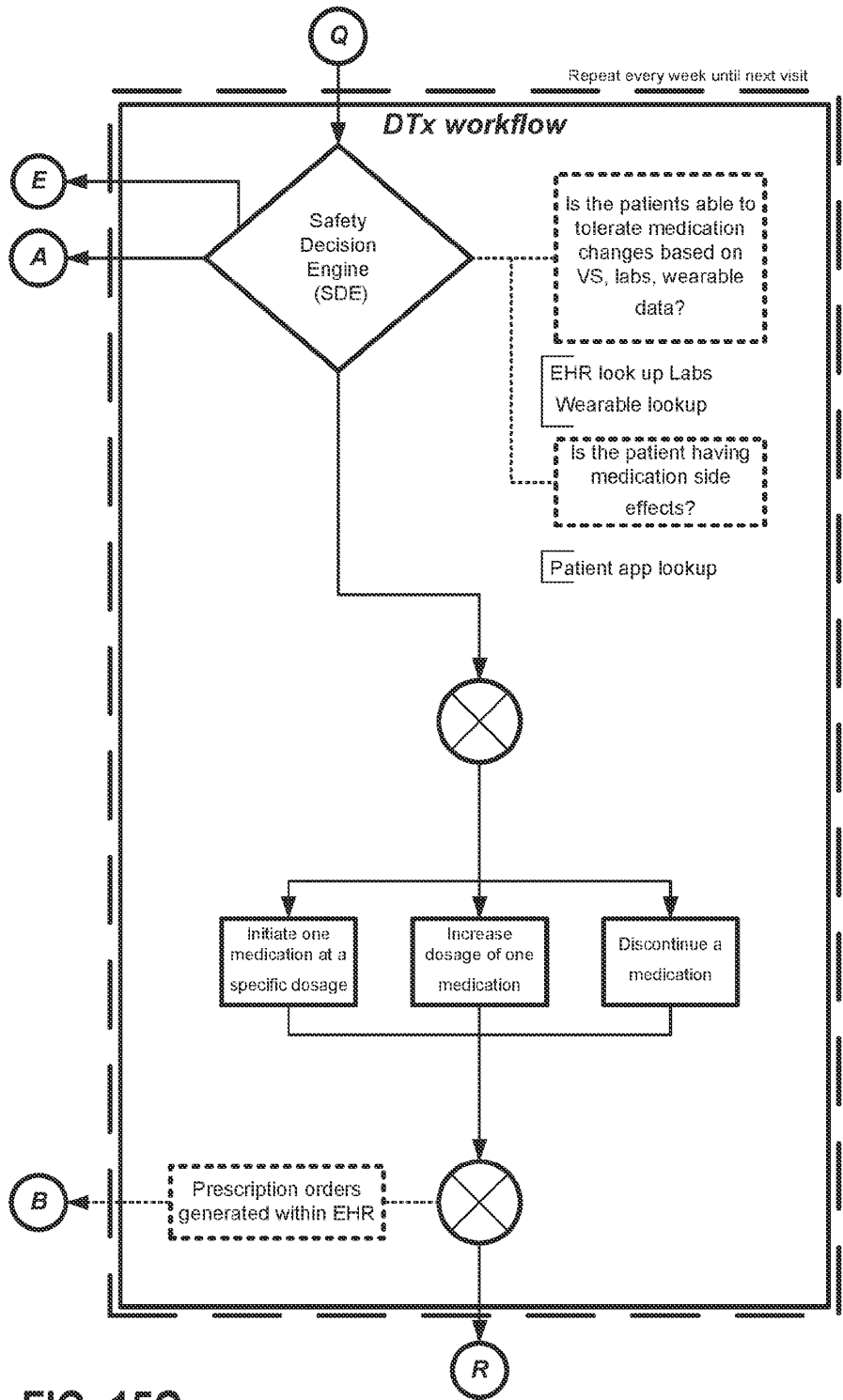


FIG. 15G

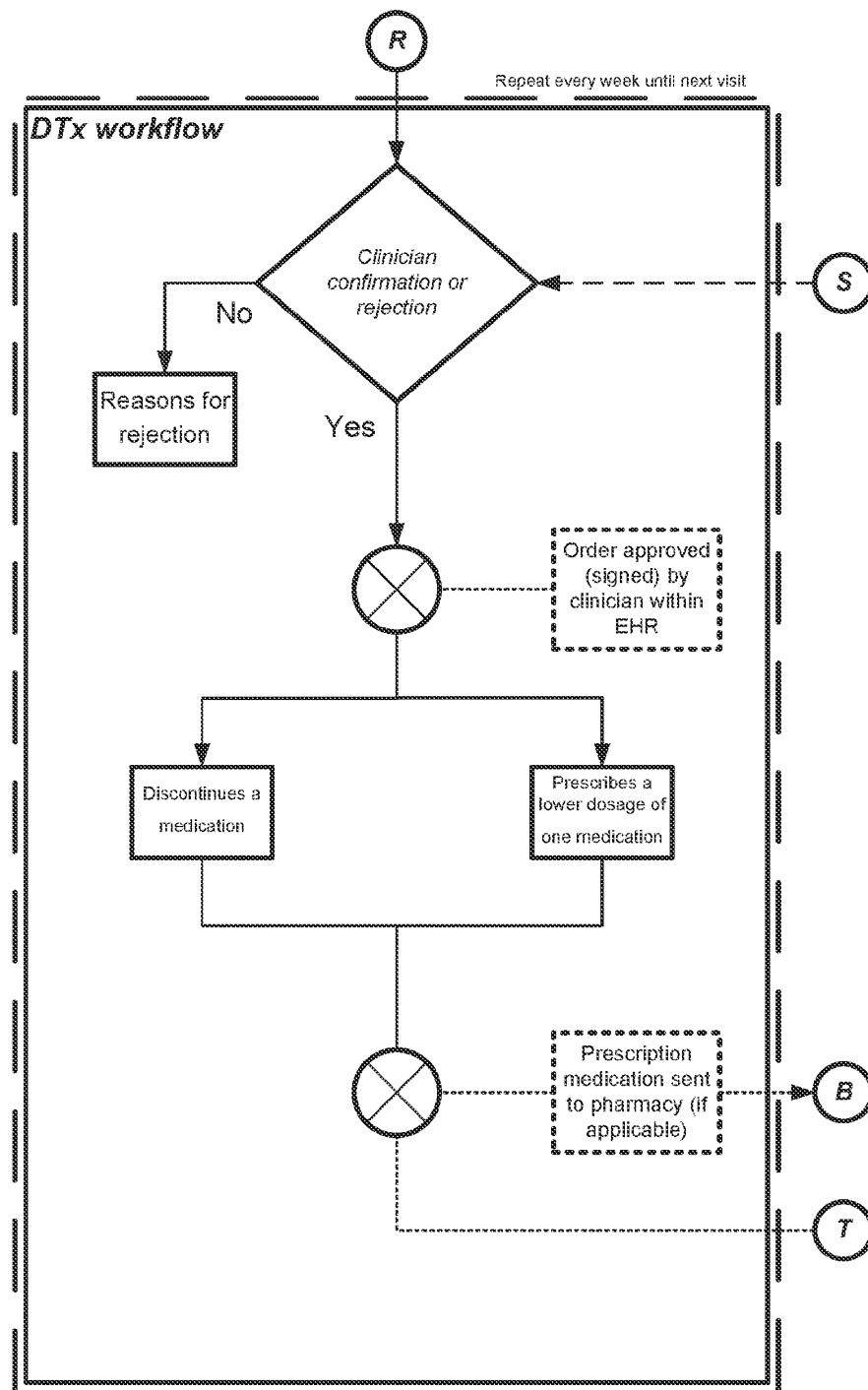


FIG. 15H

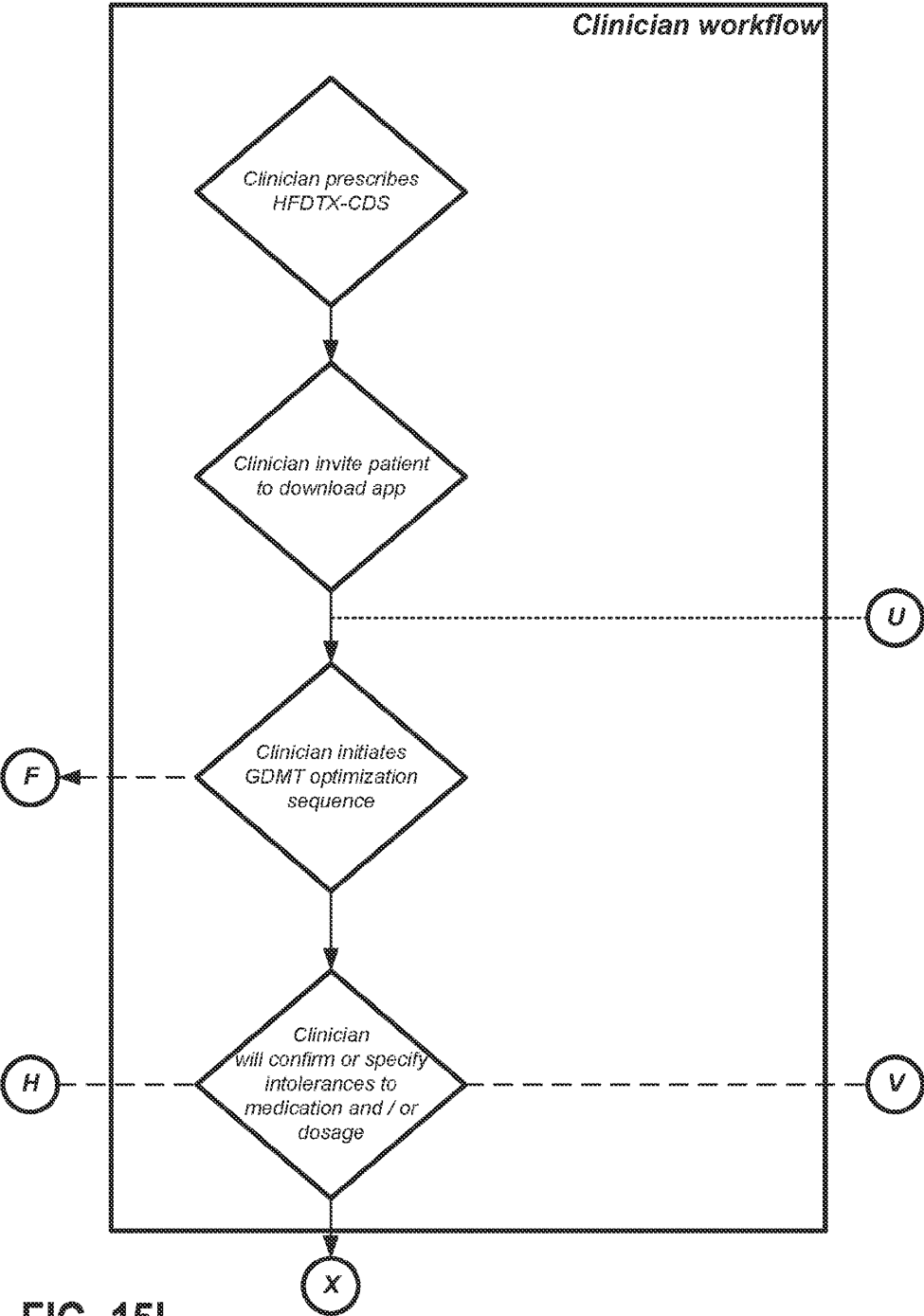
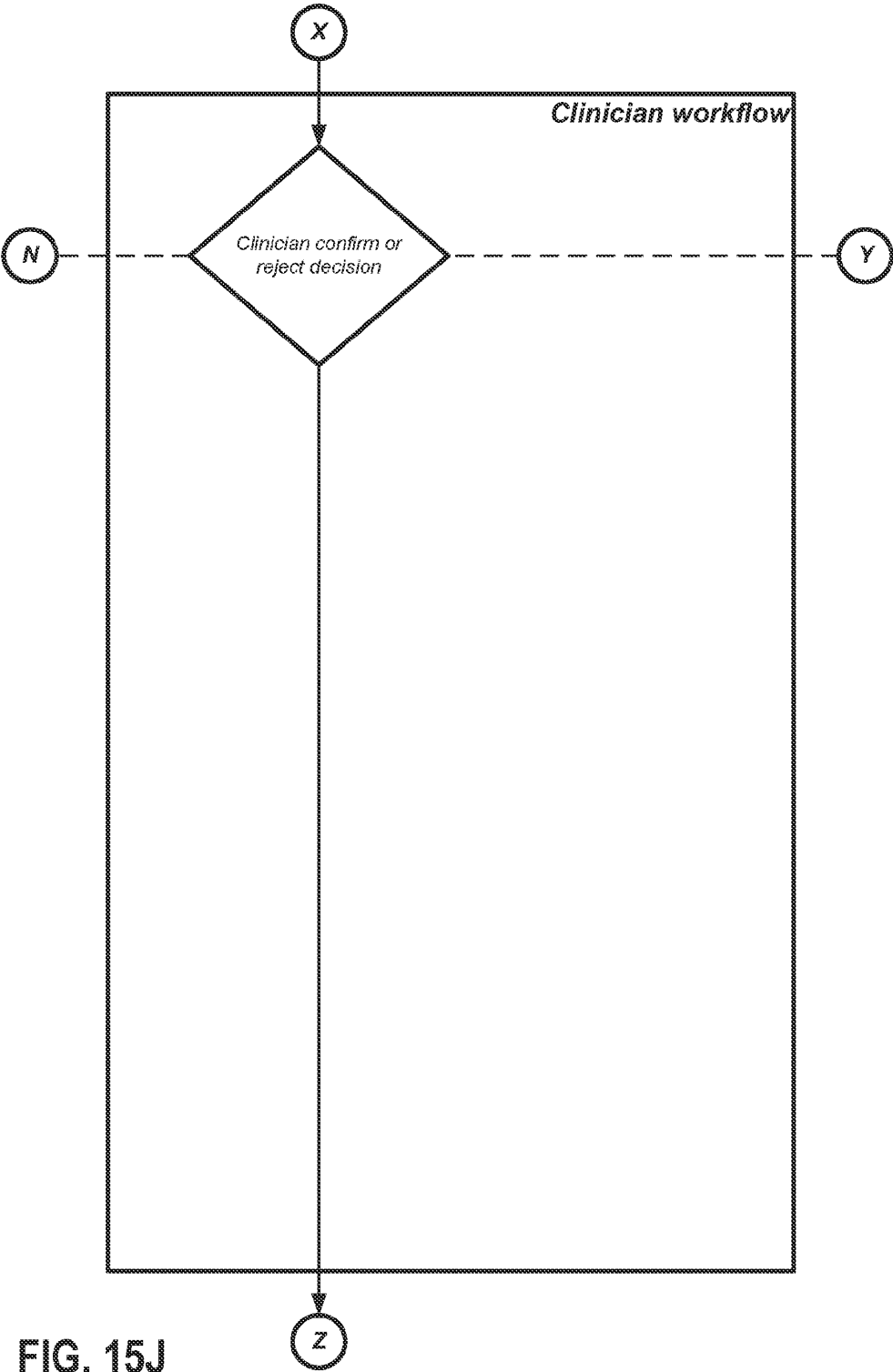


FIG. 15I



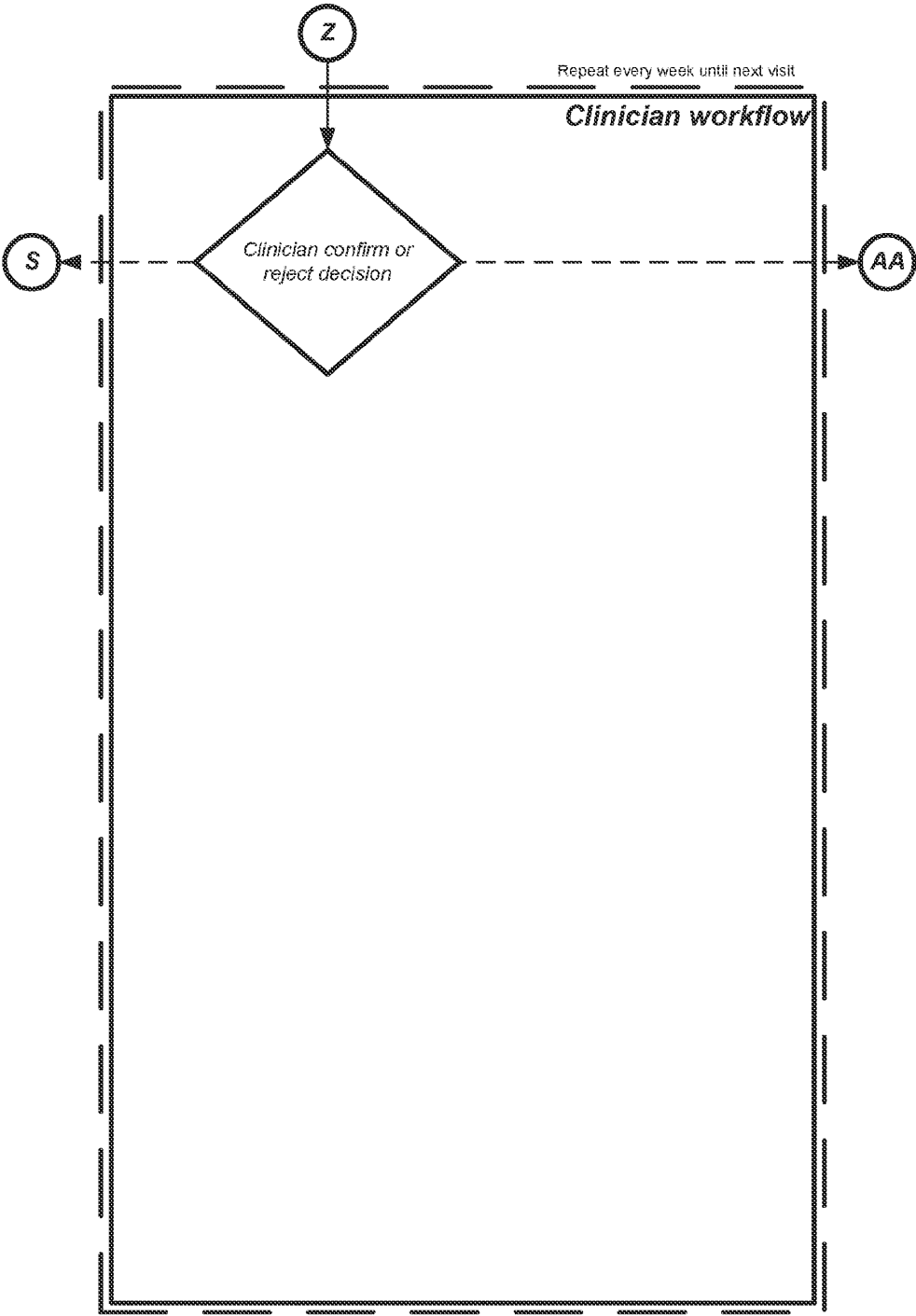


FIG. 15K

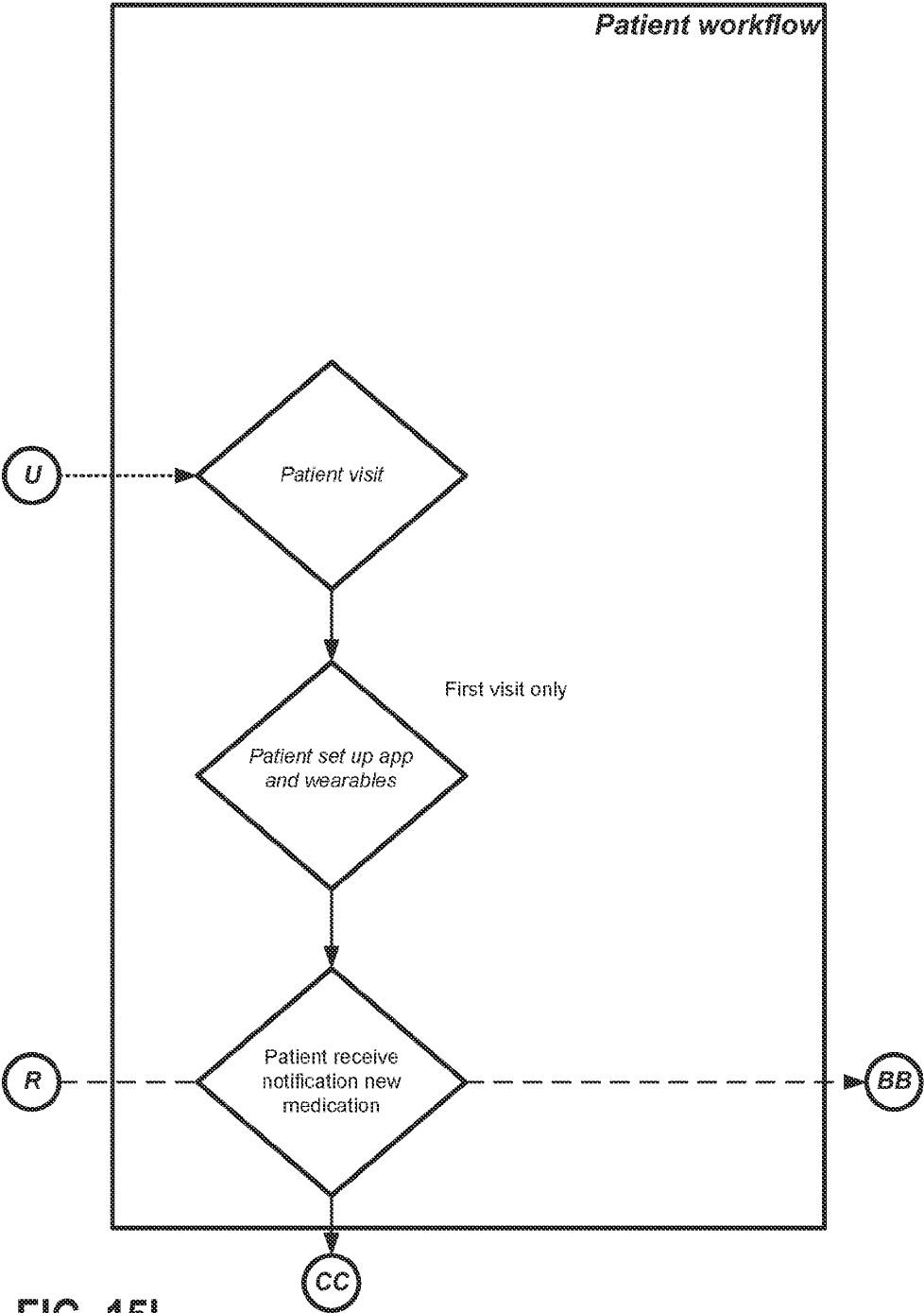


FIG. 15L

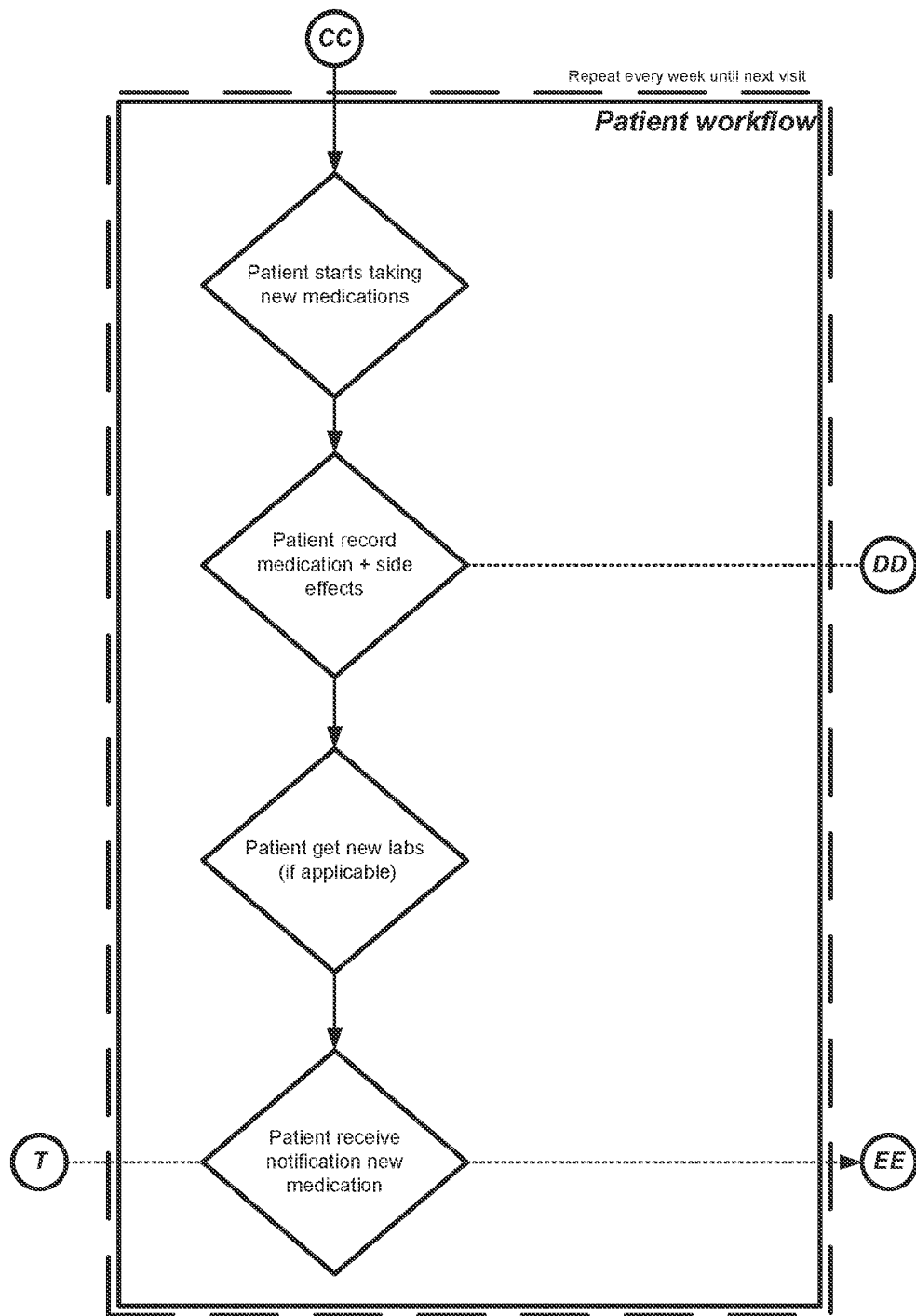


FIG. 15M

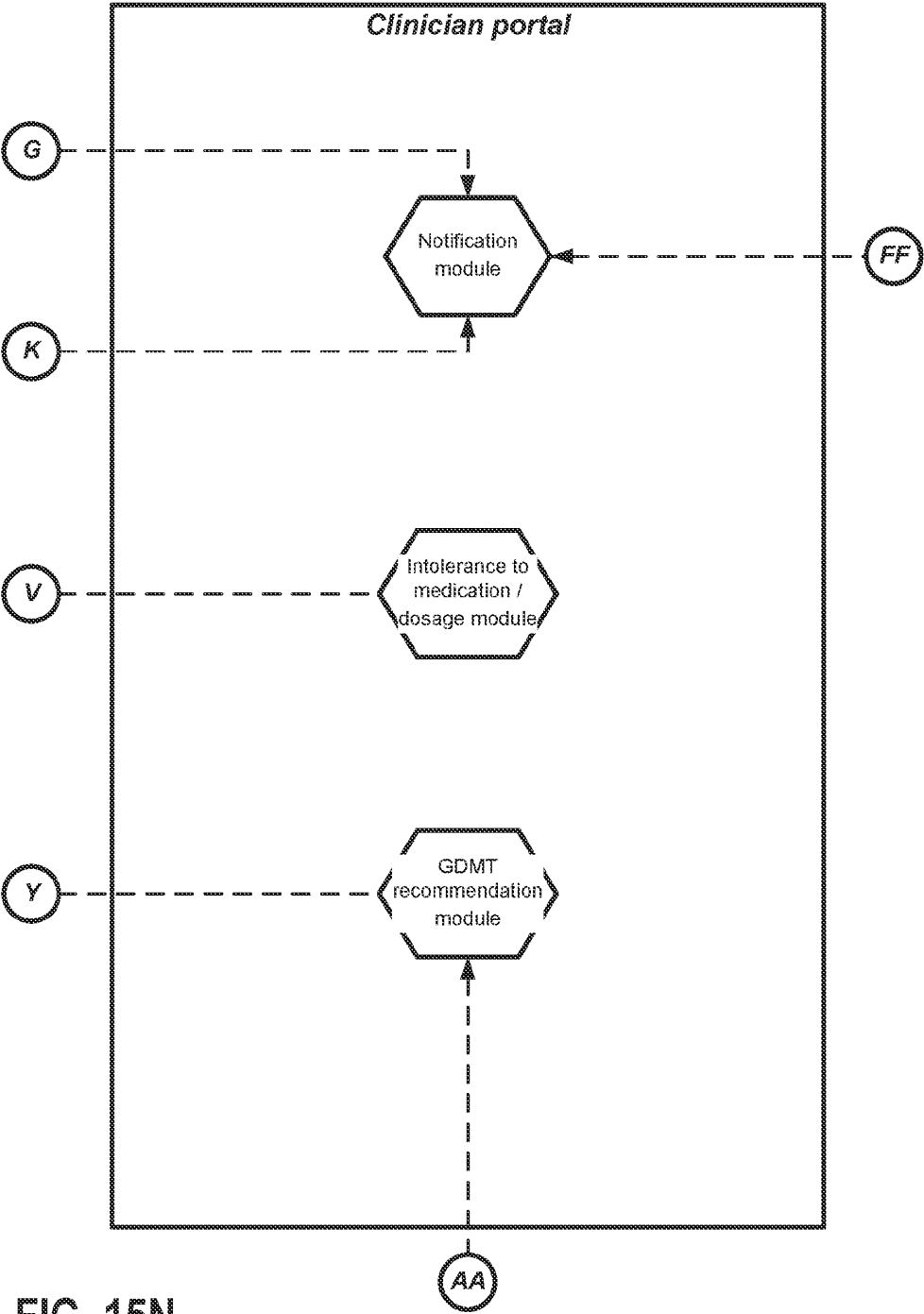


FIG. 15N

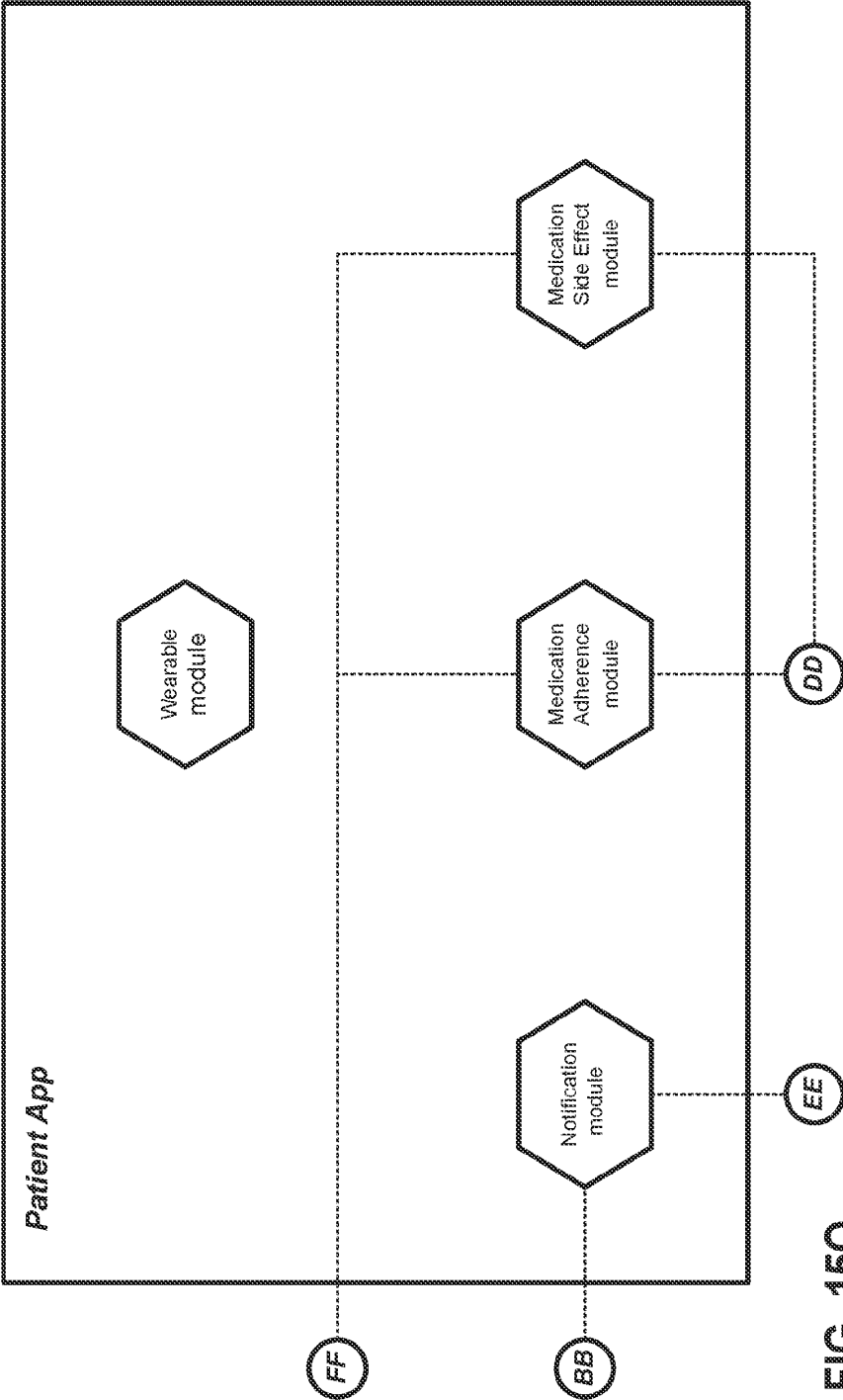


FIG. 150