



FIG. 1A
(PRIOR ART)

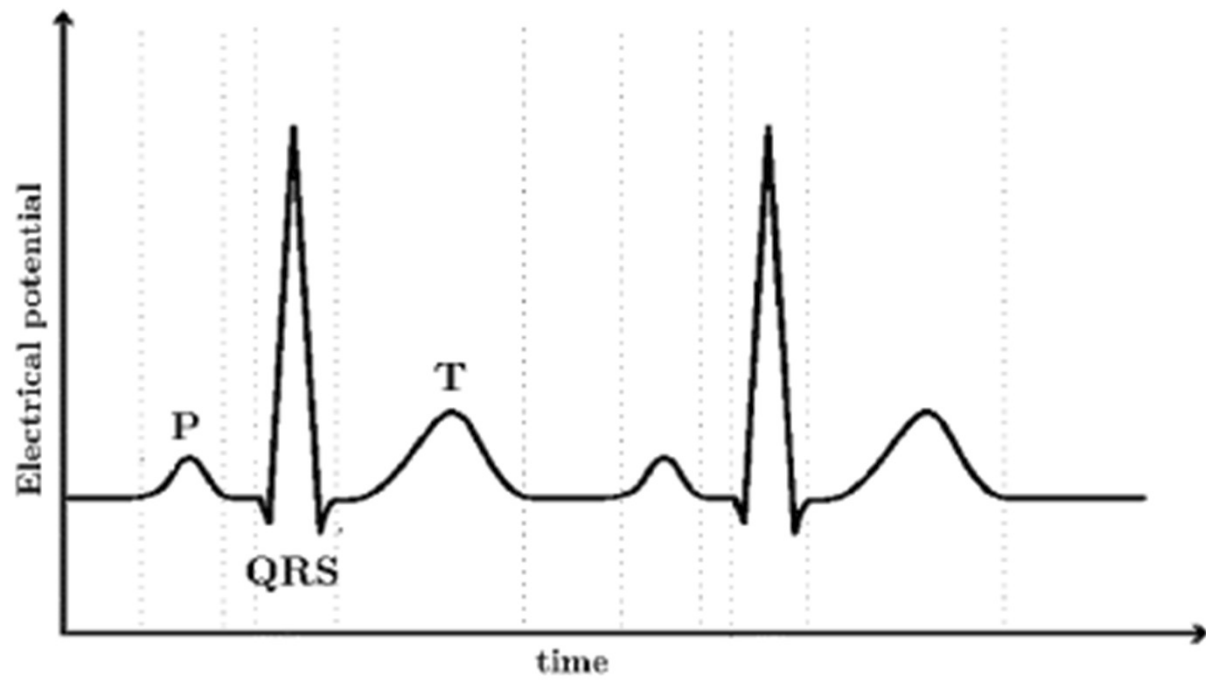


FIG. 1B
(PRIOR ART)

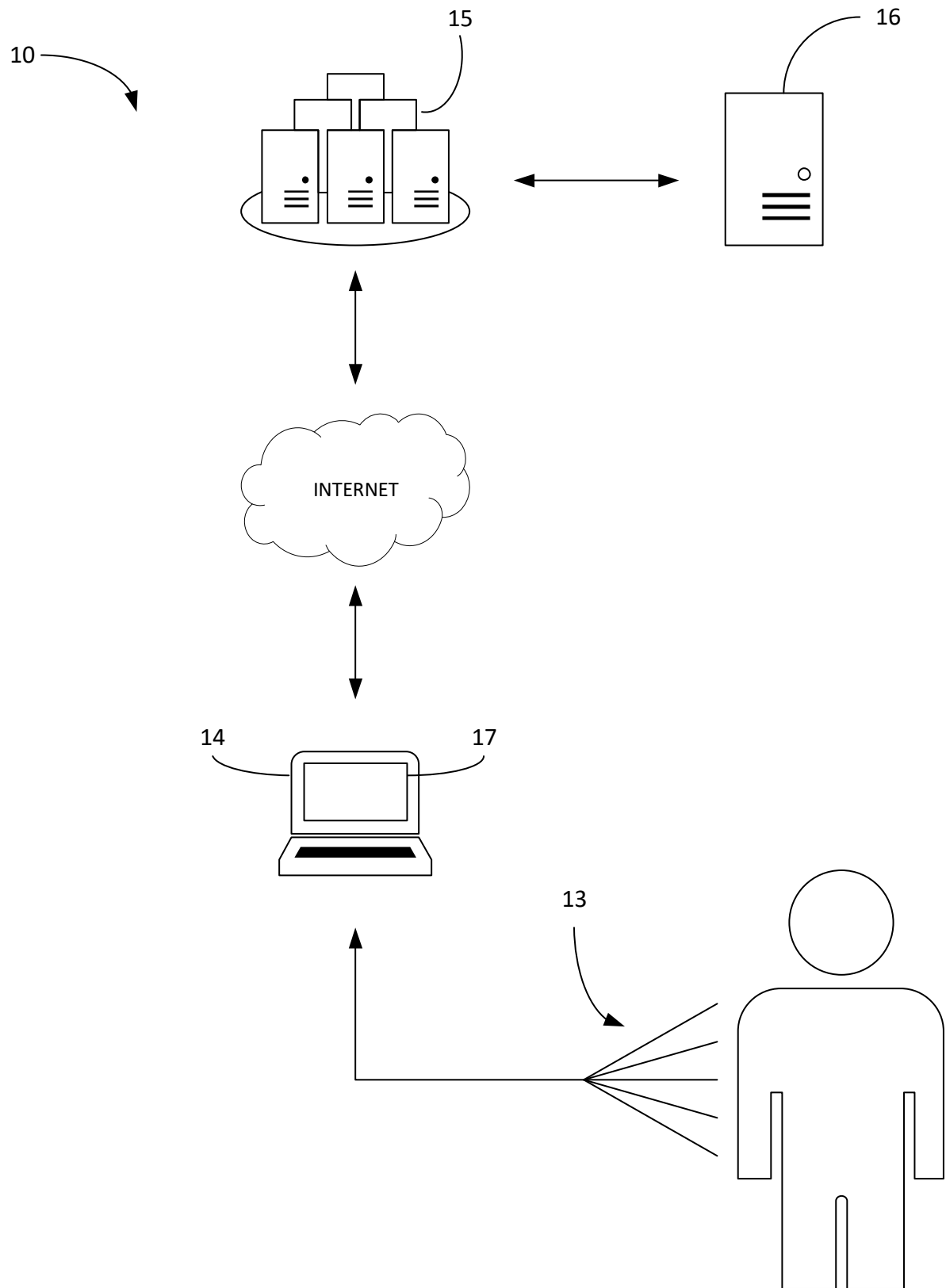


FIG. 2

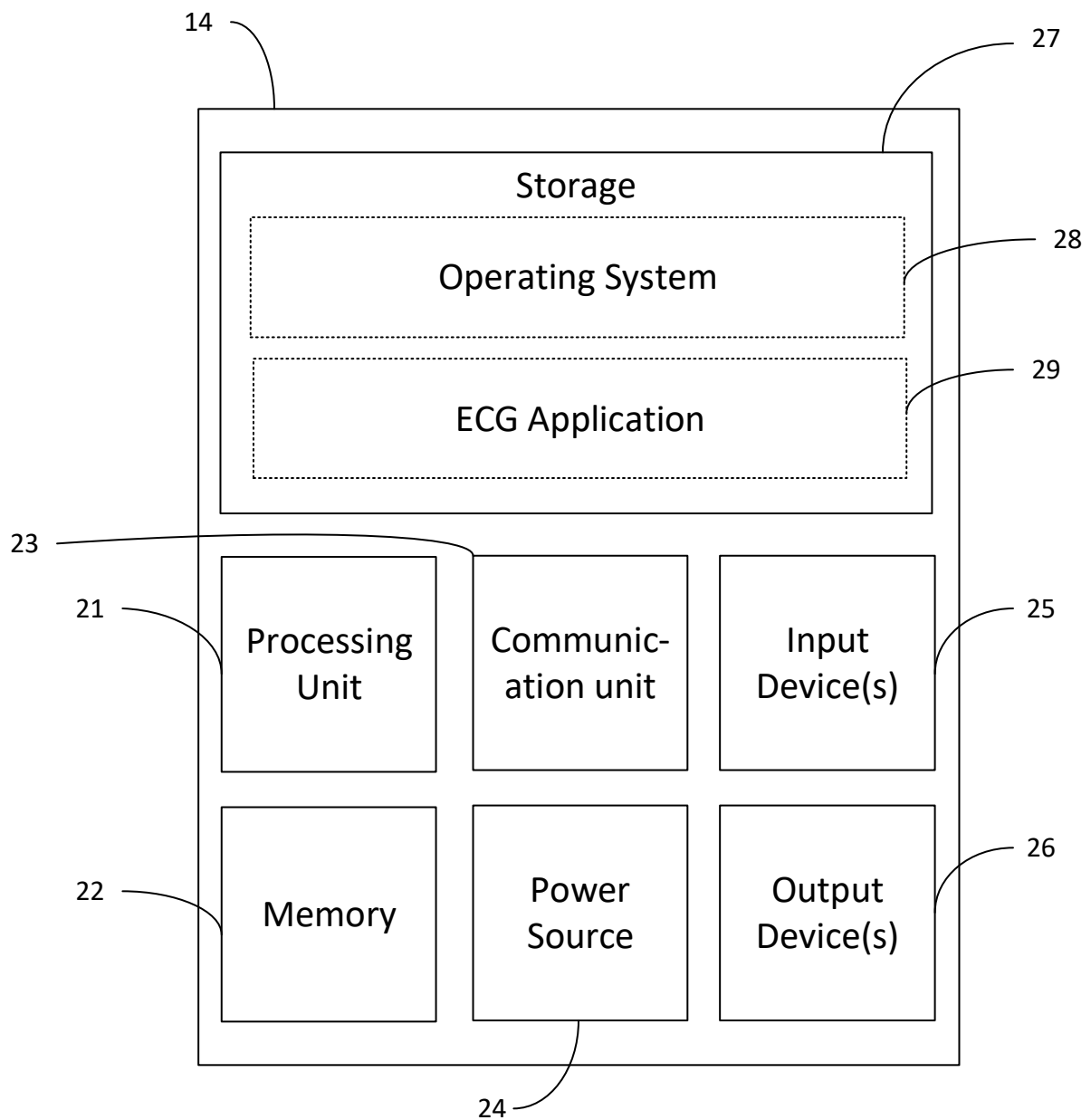


FIG. 3A

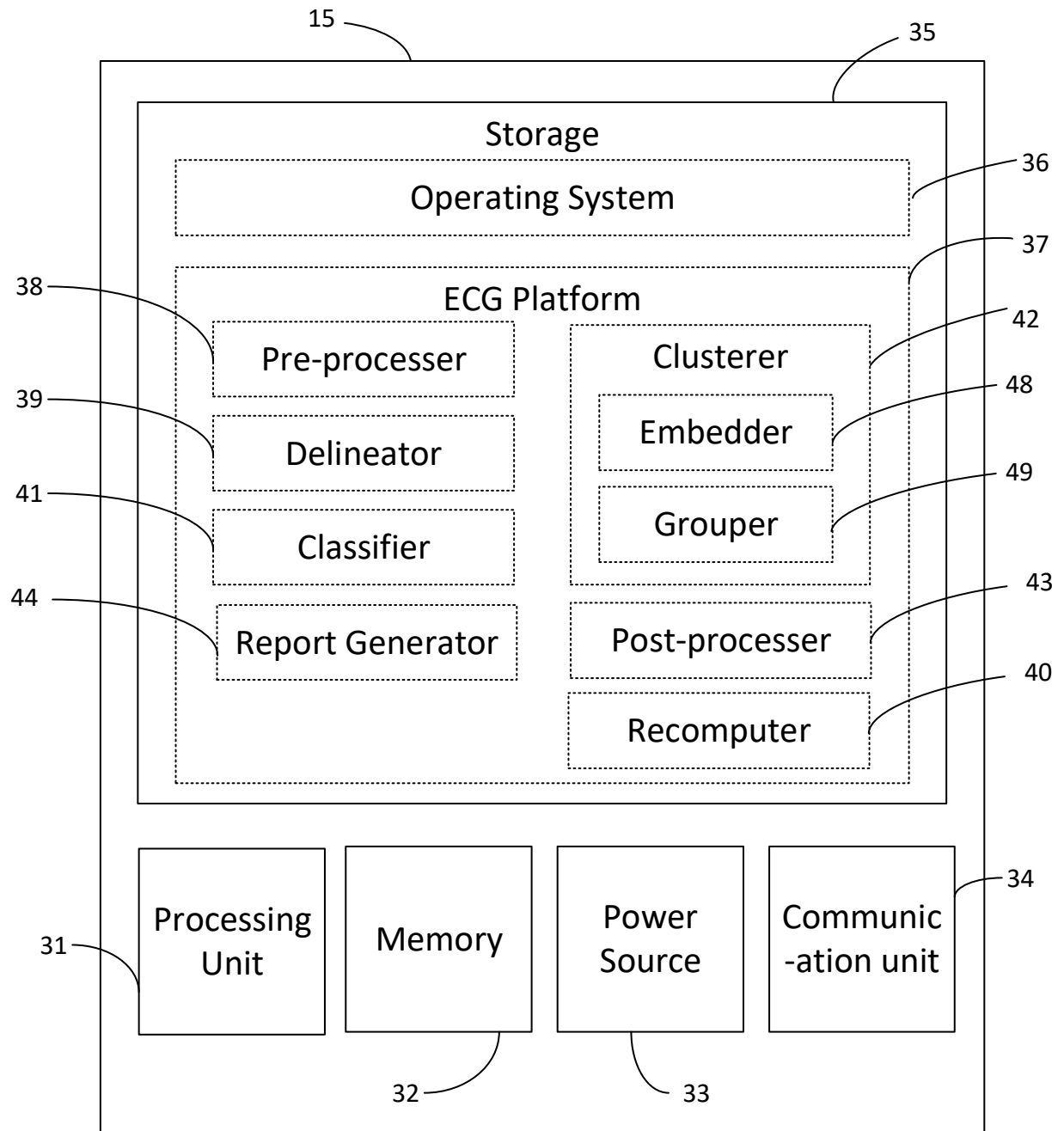


FIG. 3B

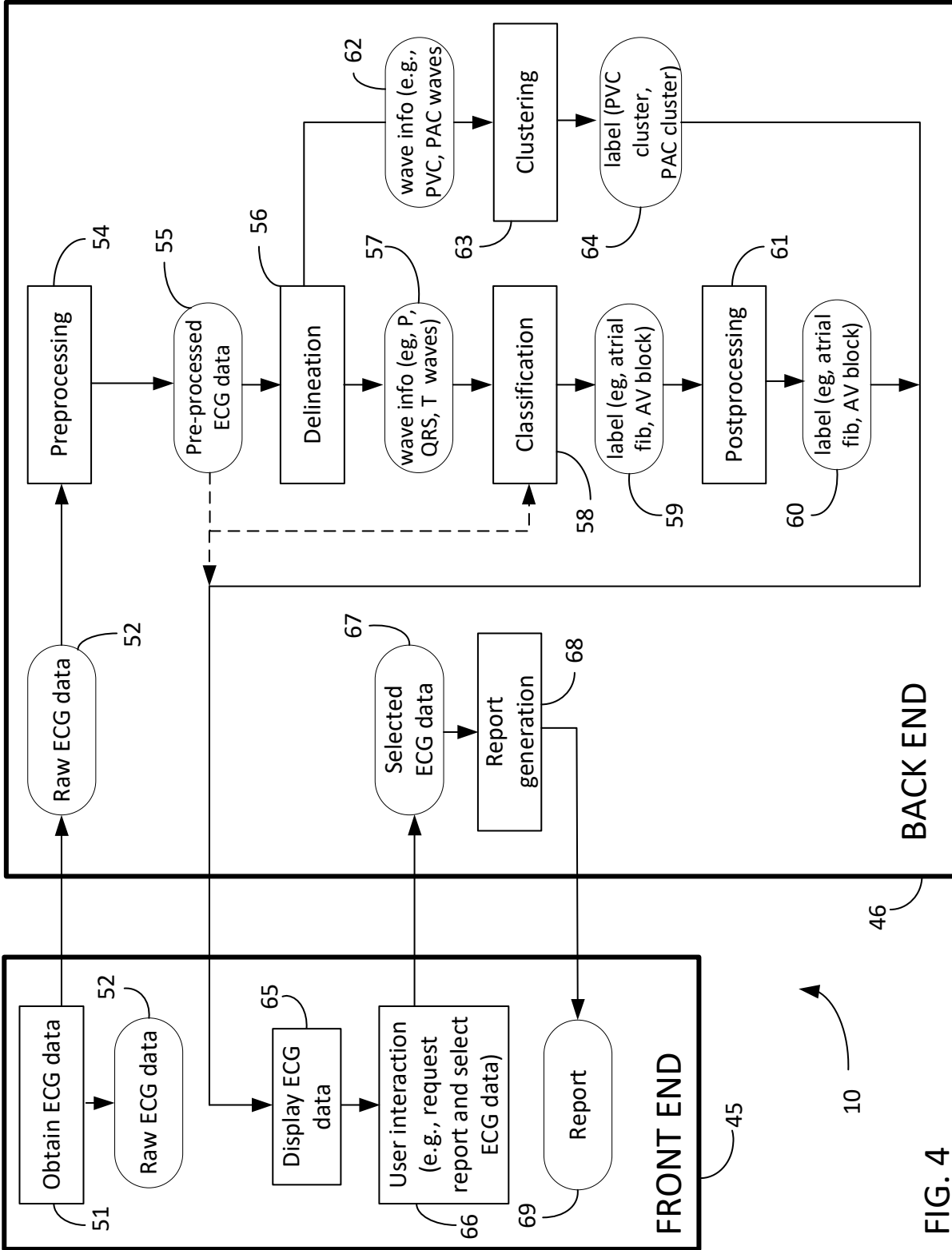


FIG. 4

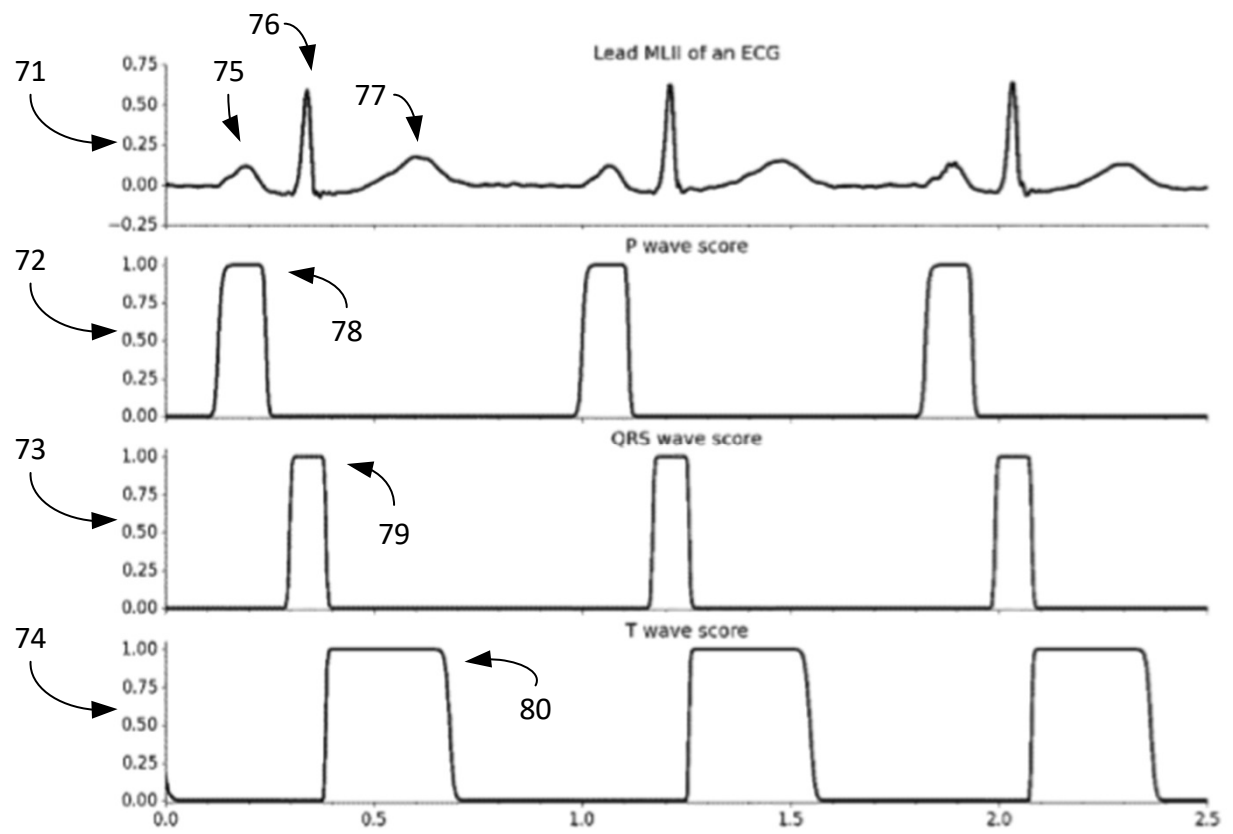


FIG. 5A

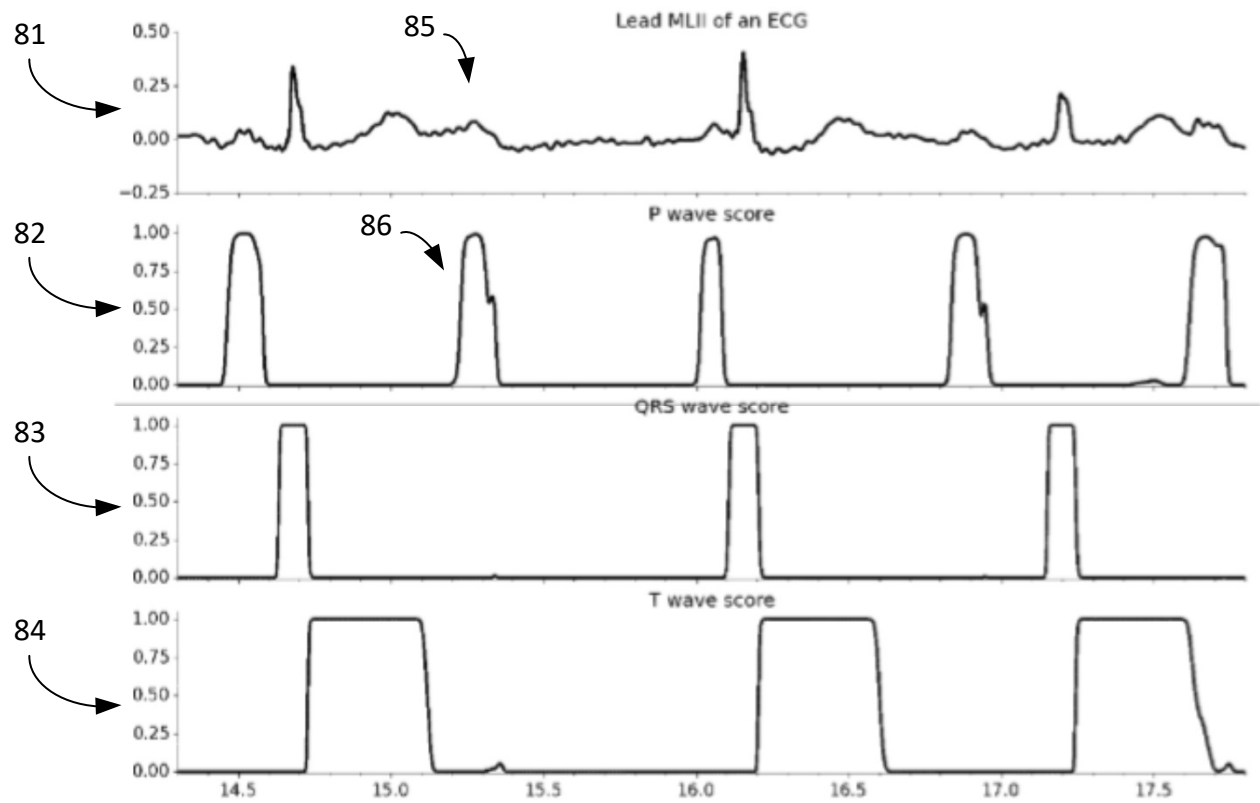


FIG. 5B

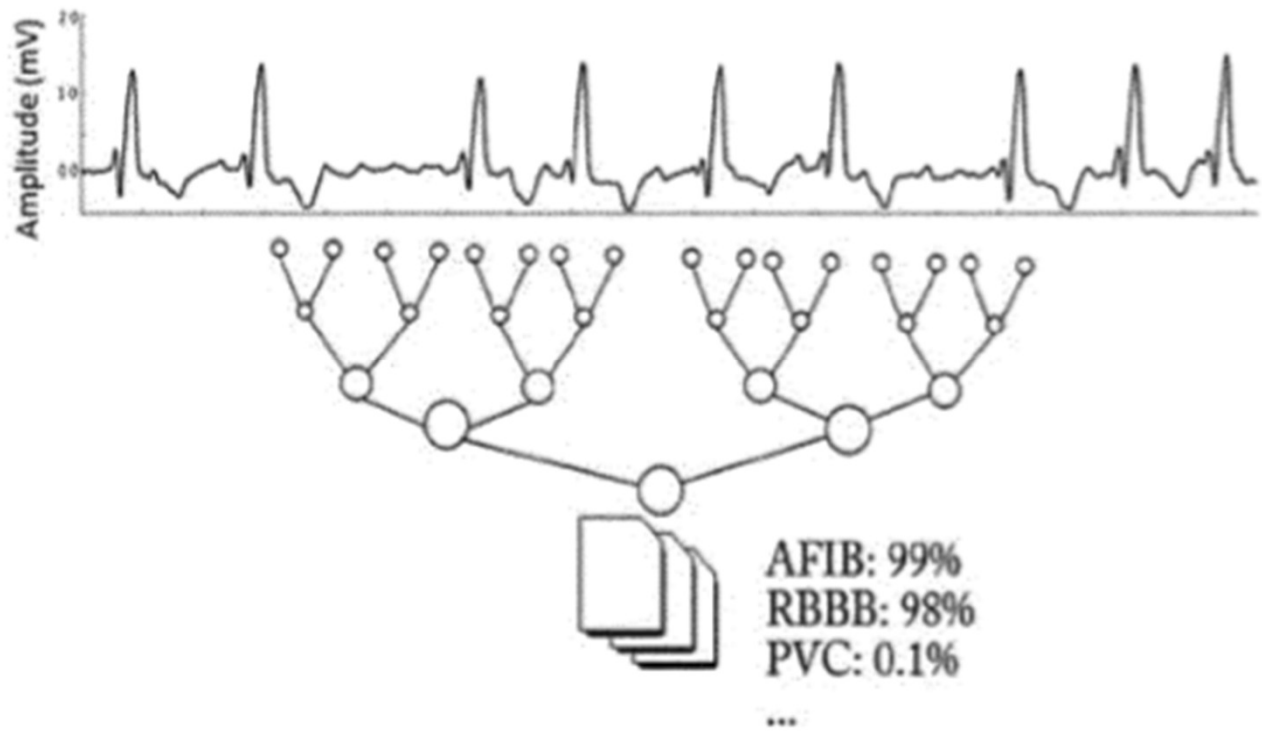


FIG. 6A

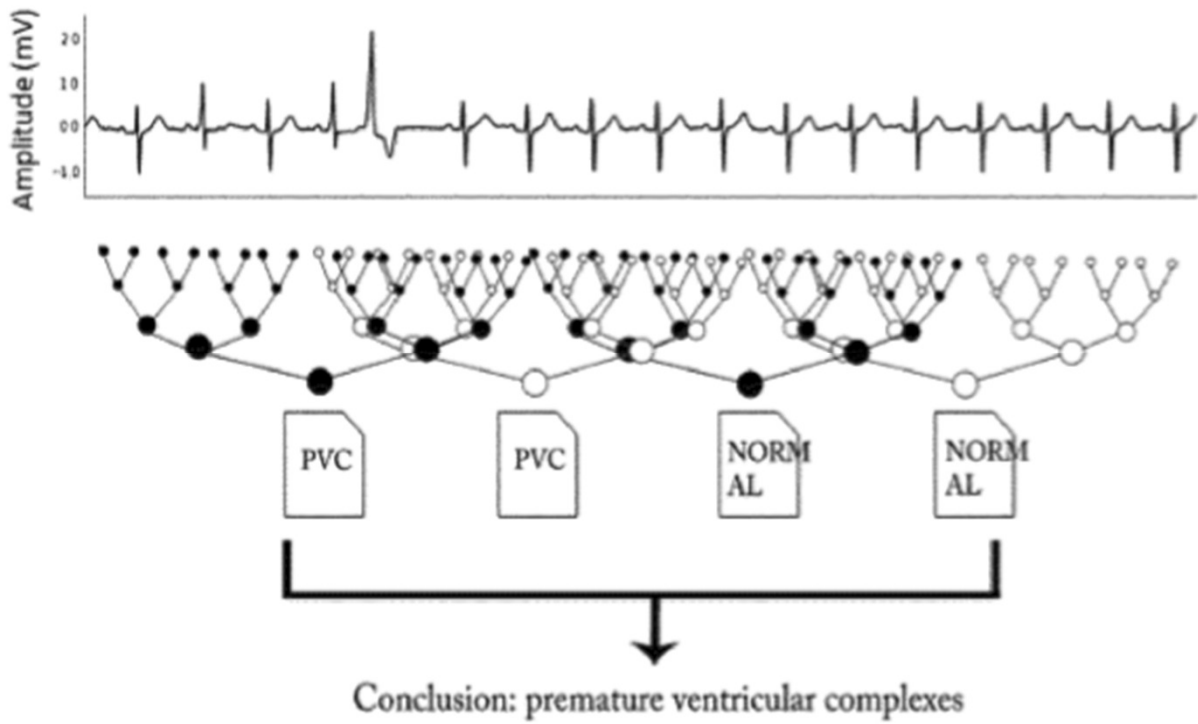


FIG. 6B

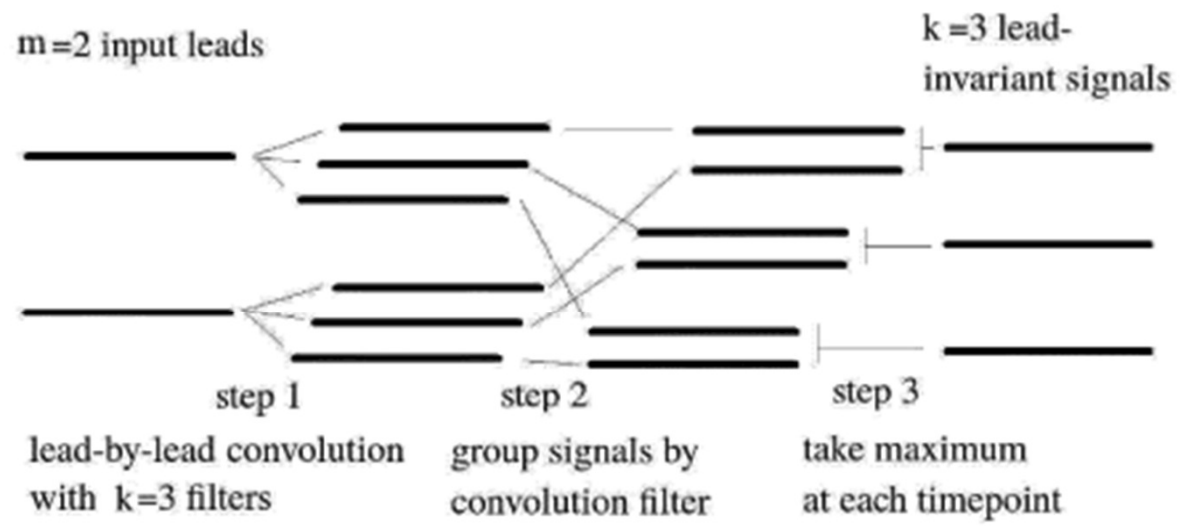


FIG. 7

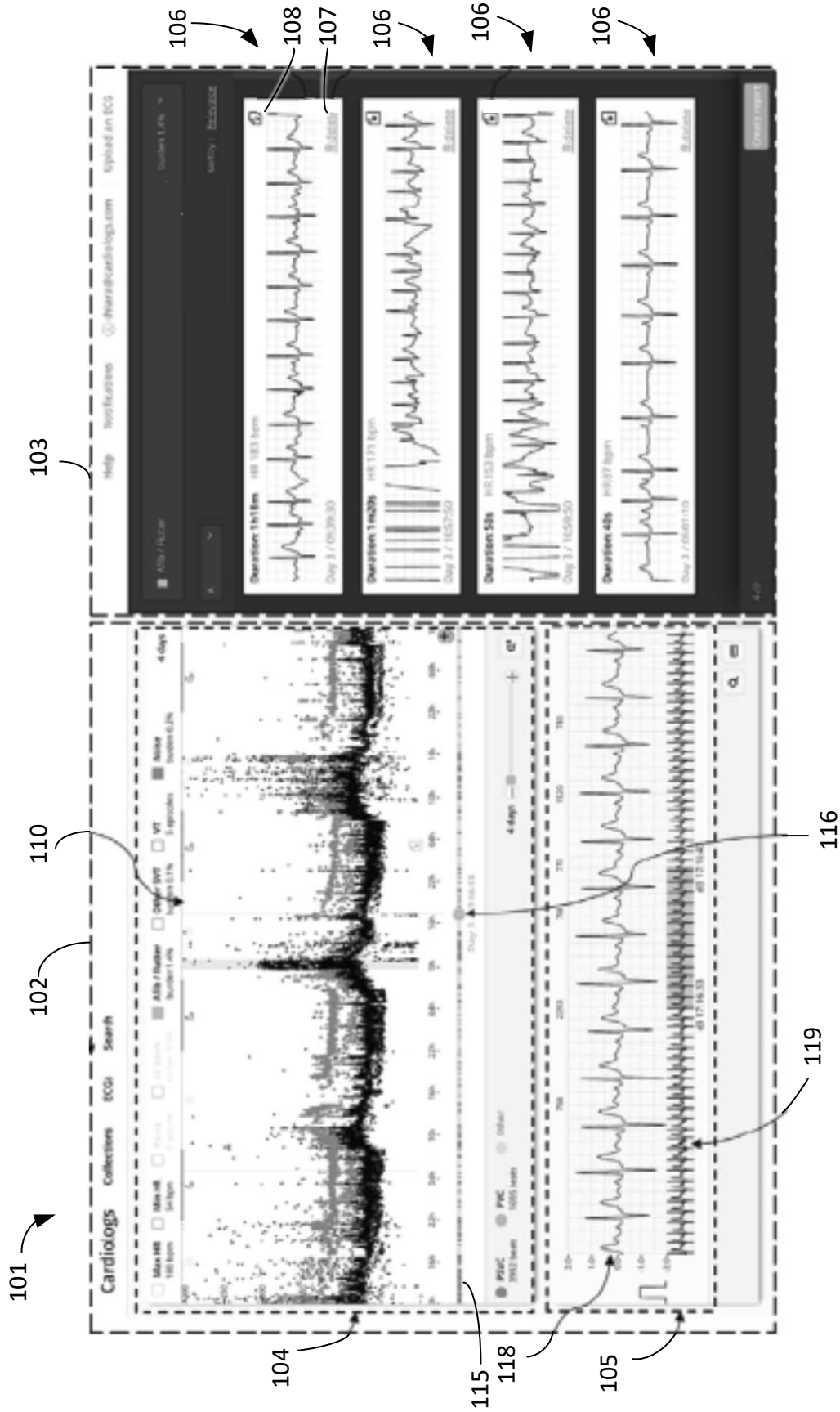


FIG. 8

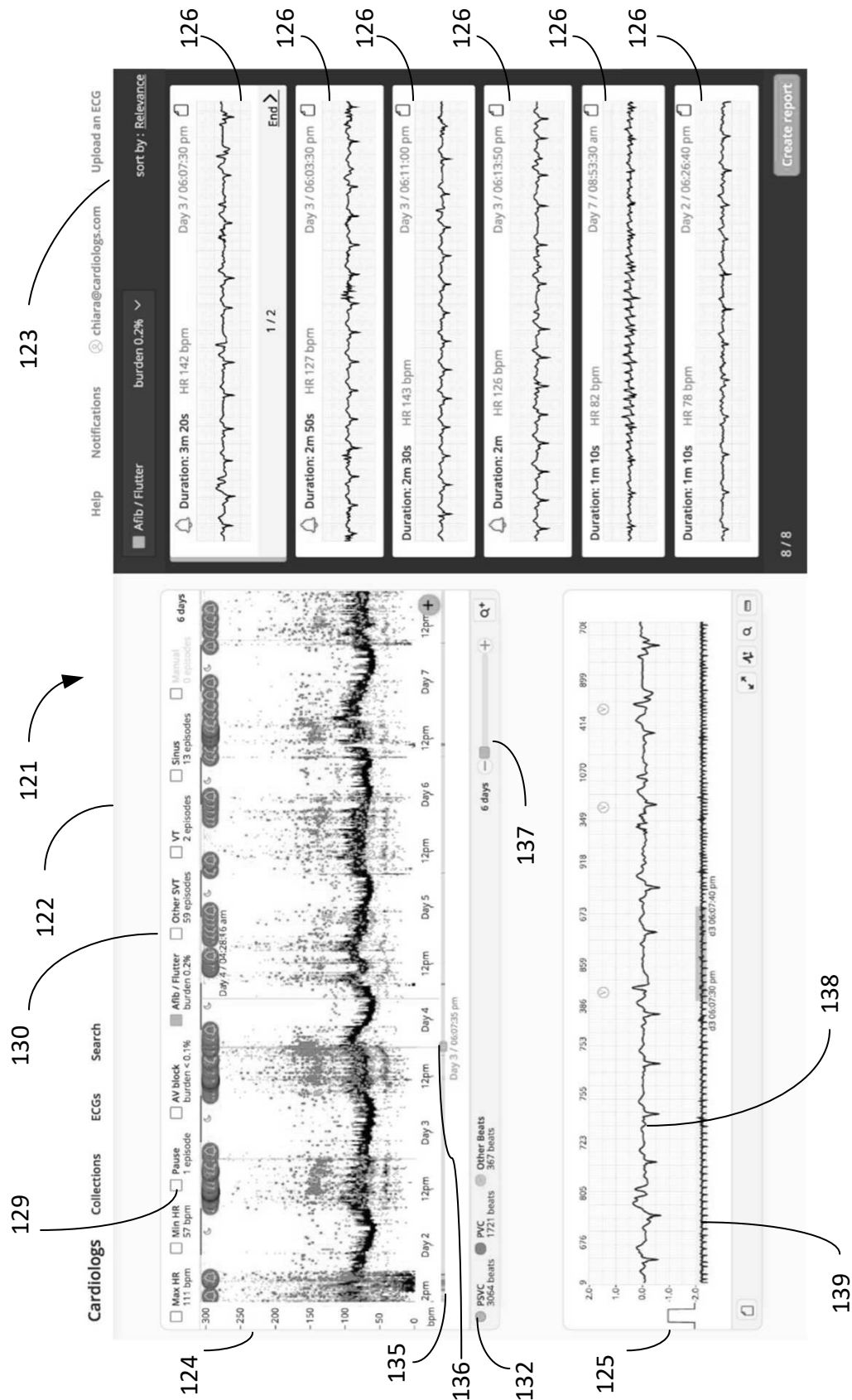


FIG. 10

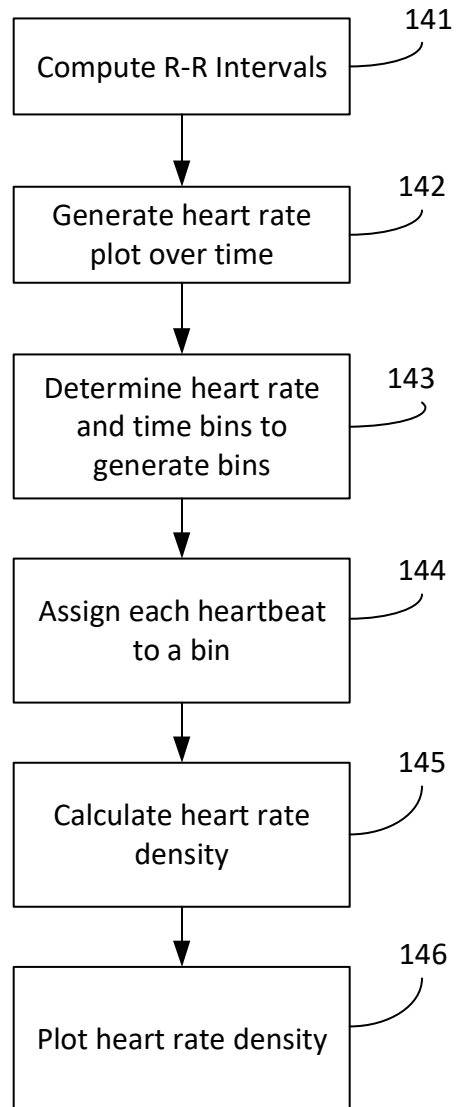


FIG. 11

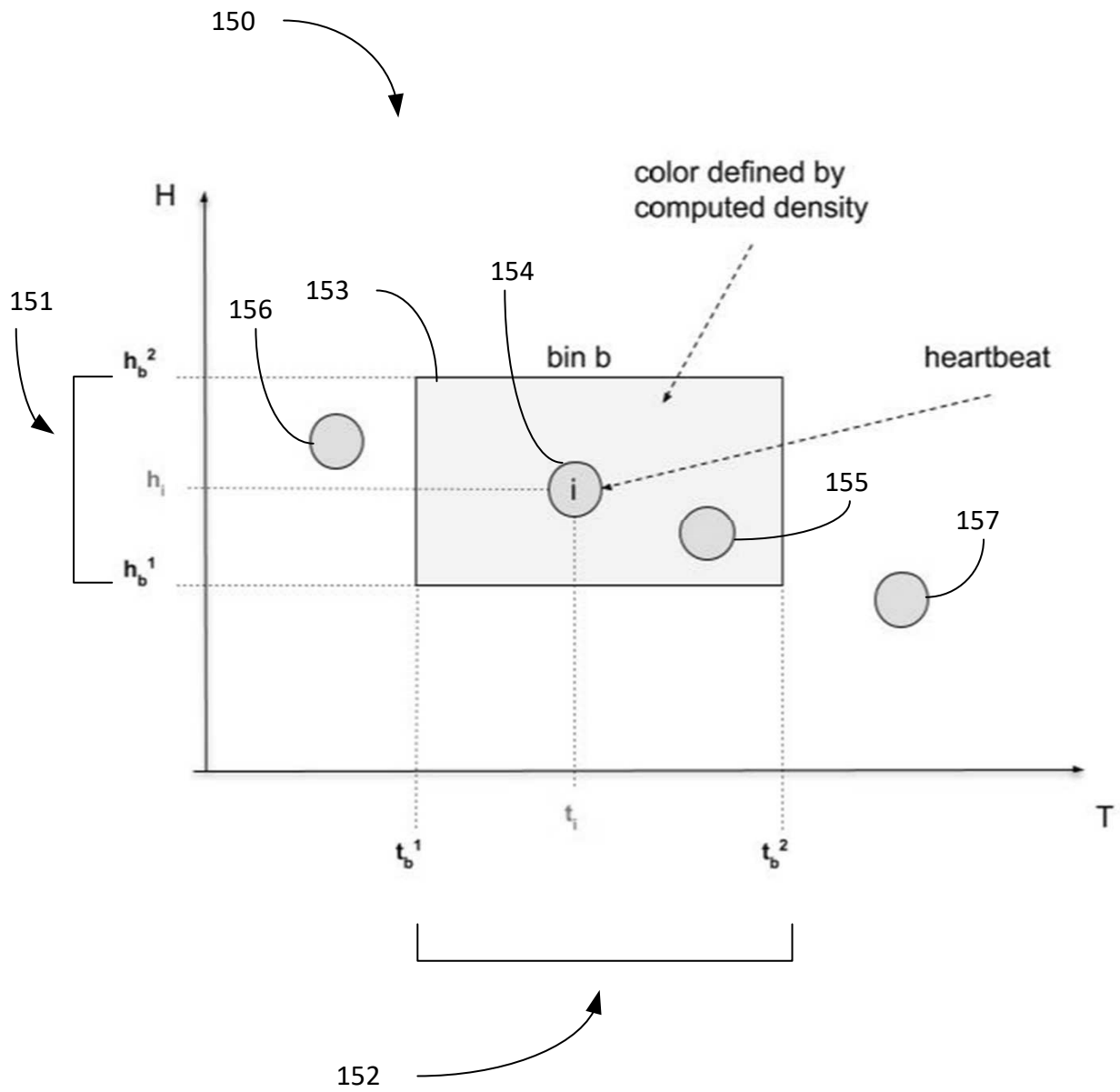


FIG. 12

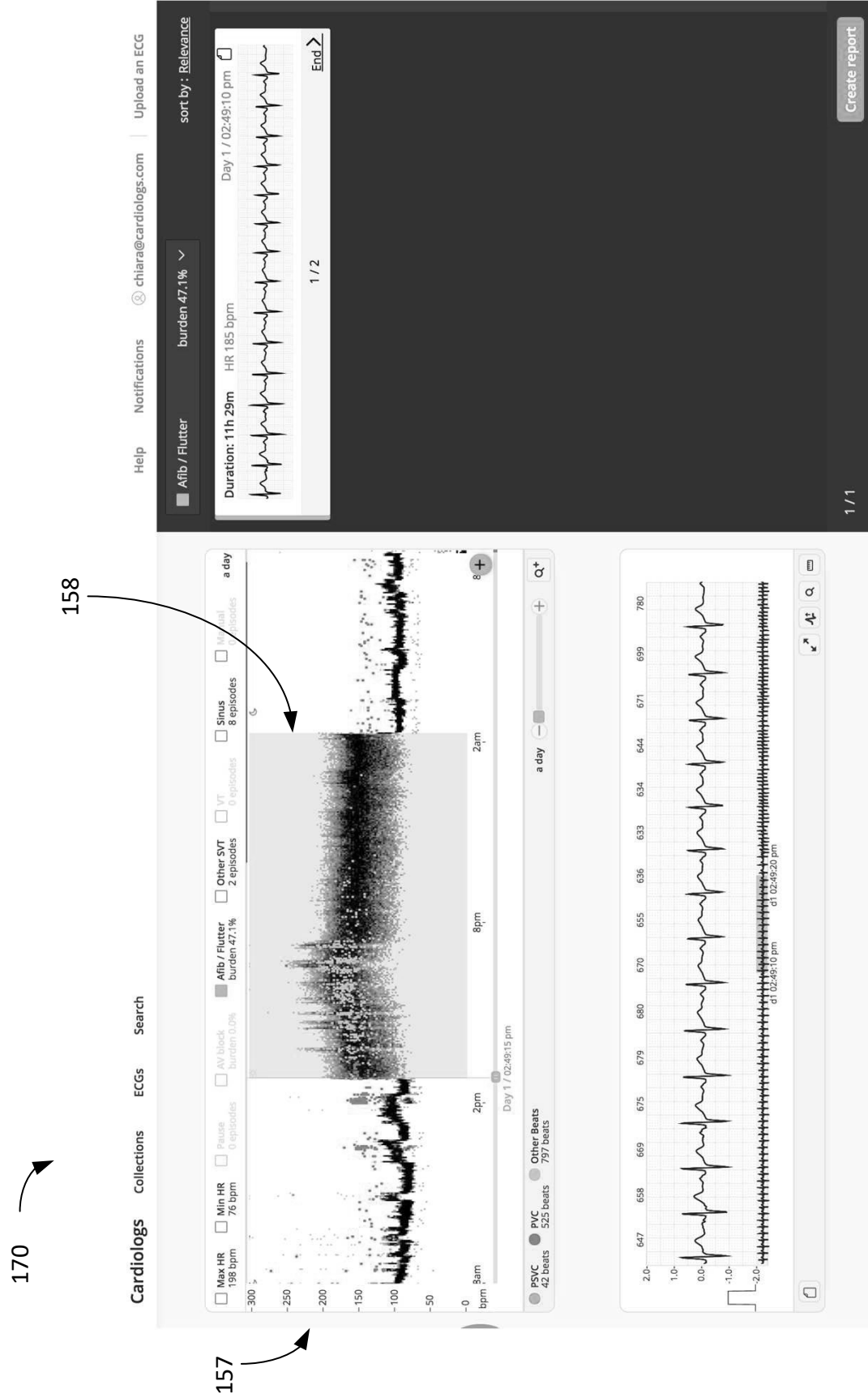
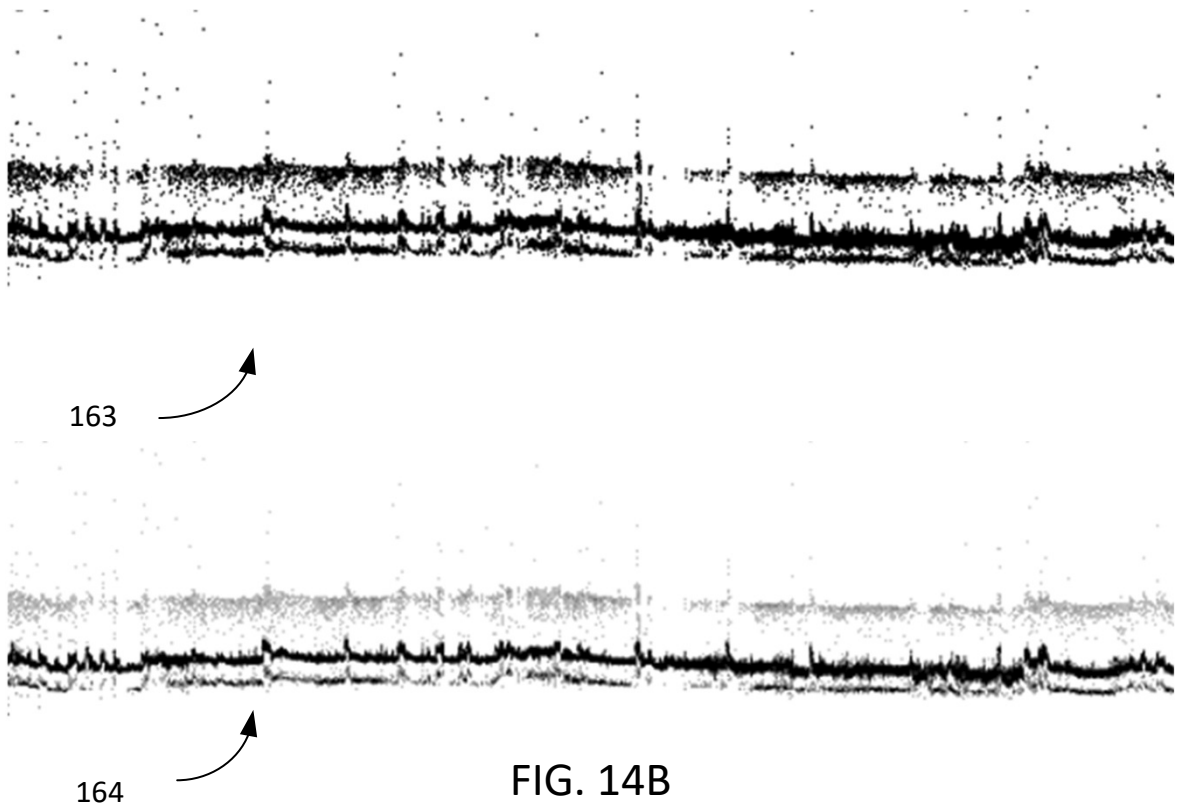
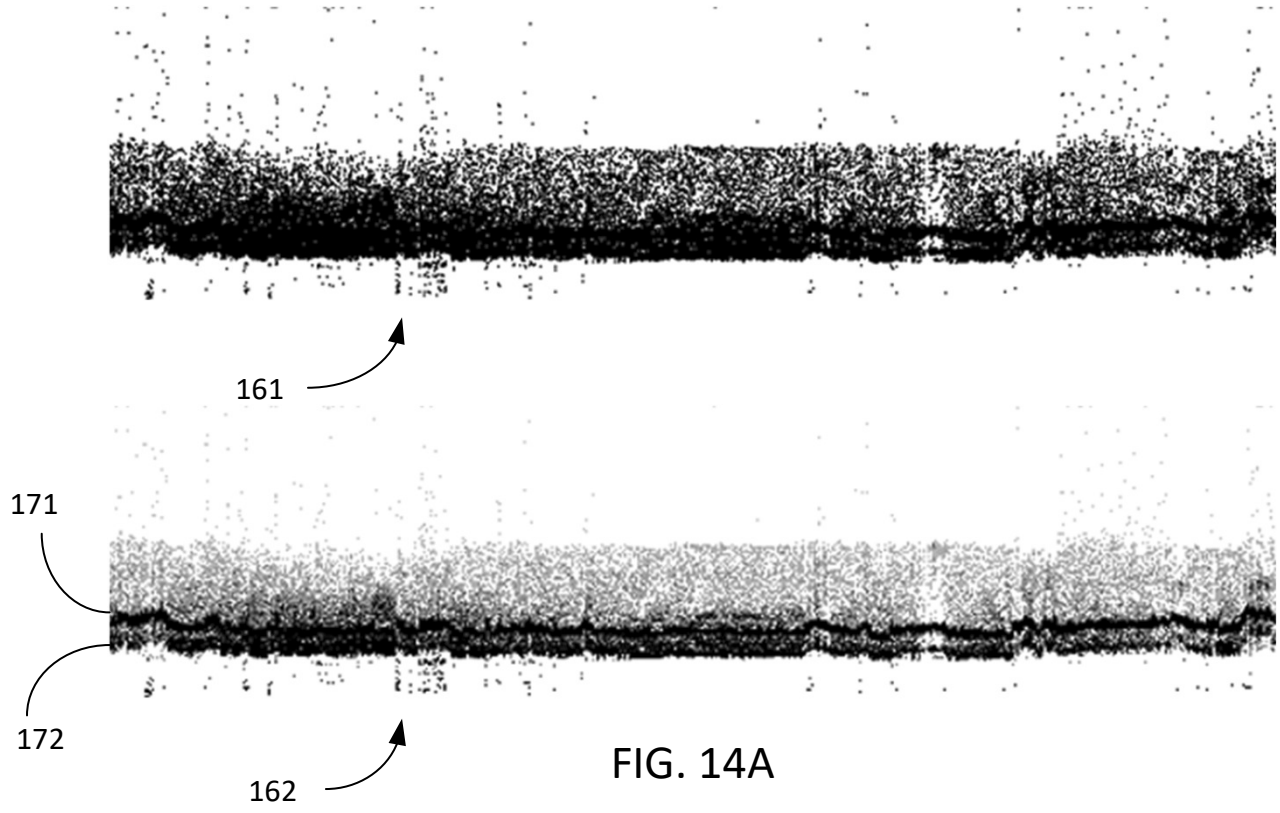


FIG. 13



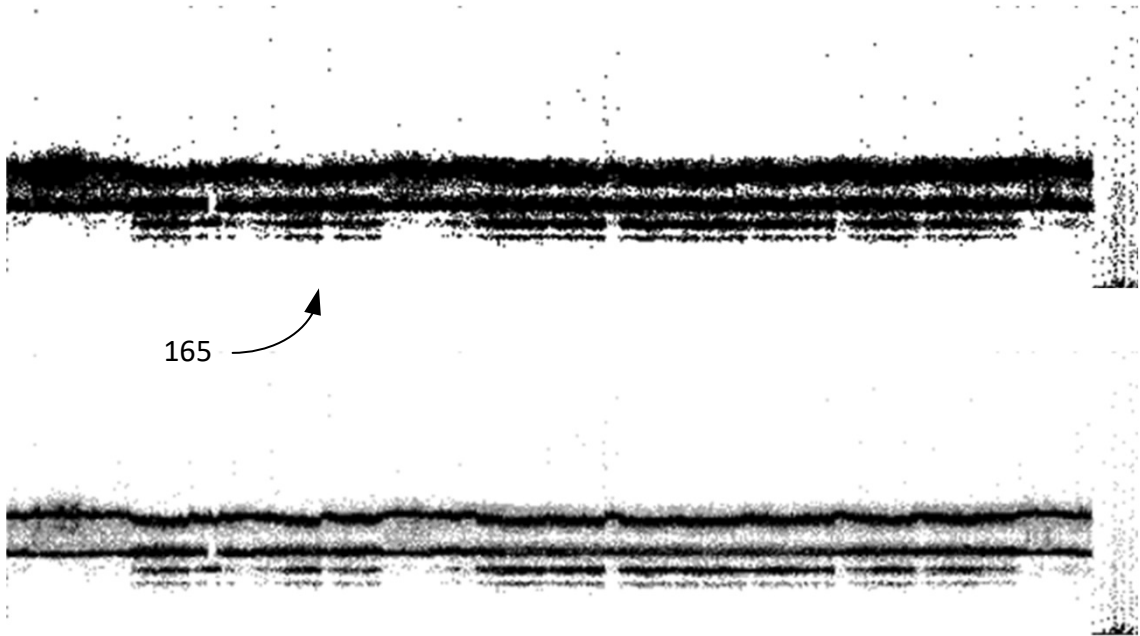


FIG. 14C

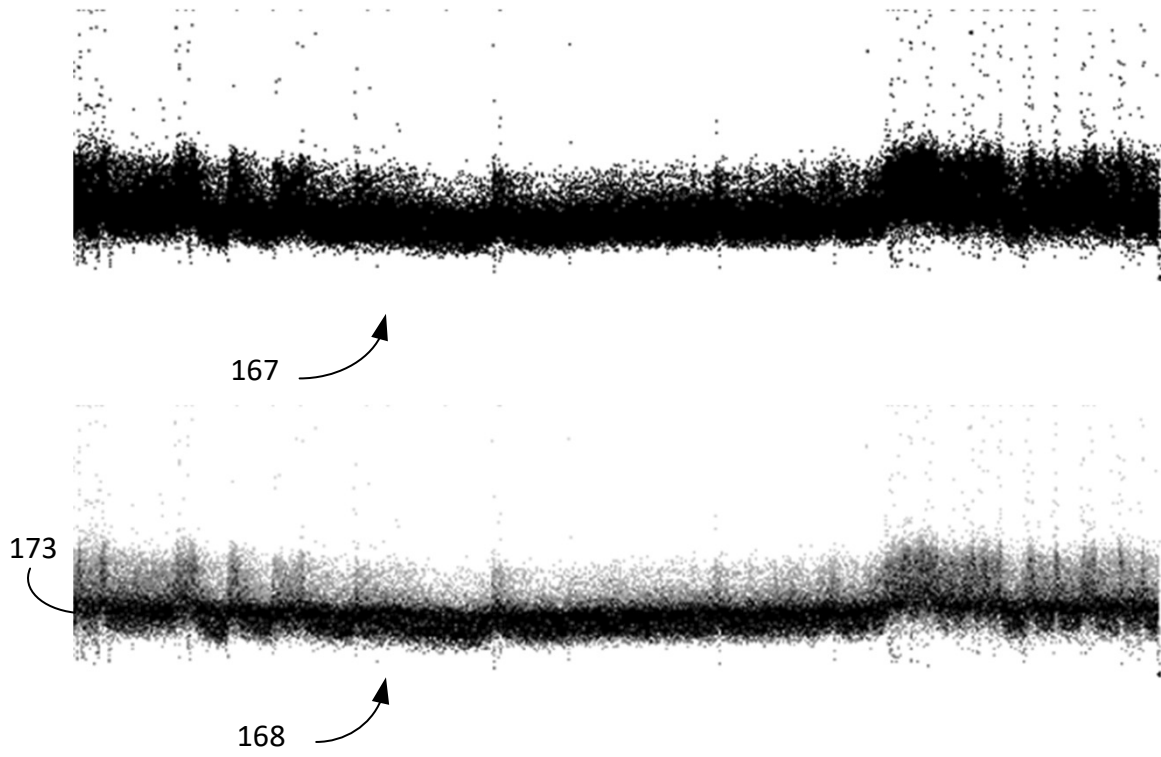


FIG. 14D

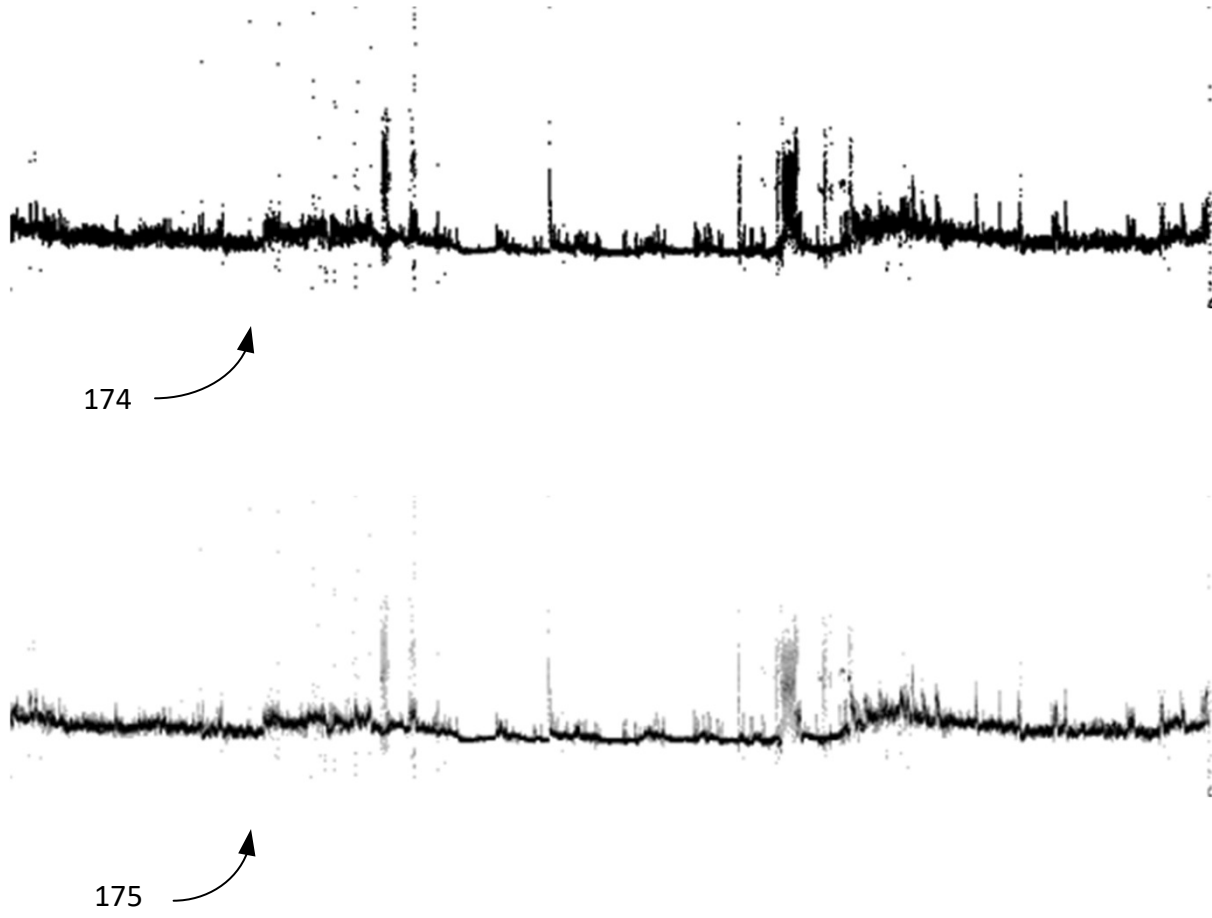


FIG. 14E

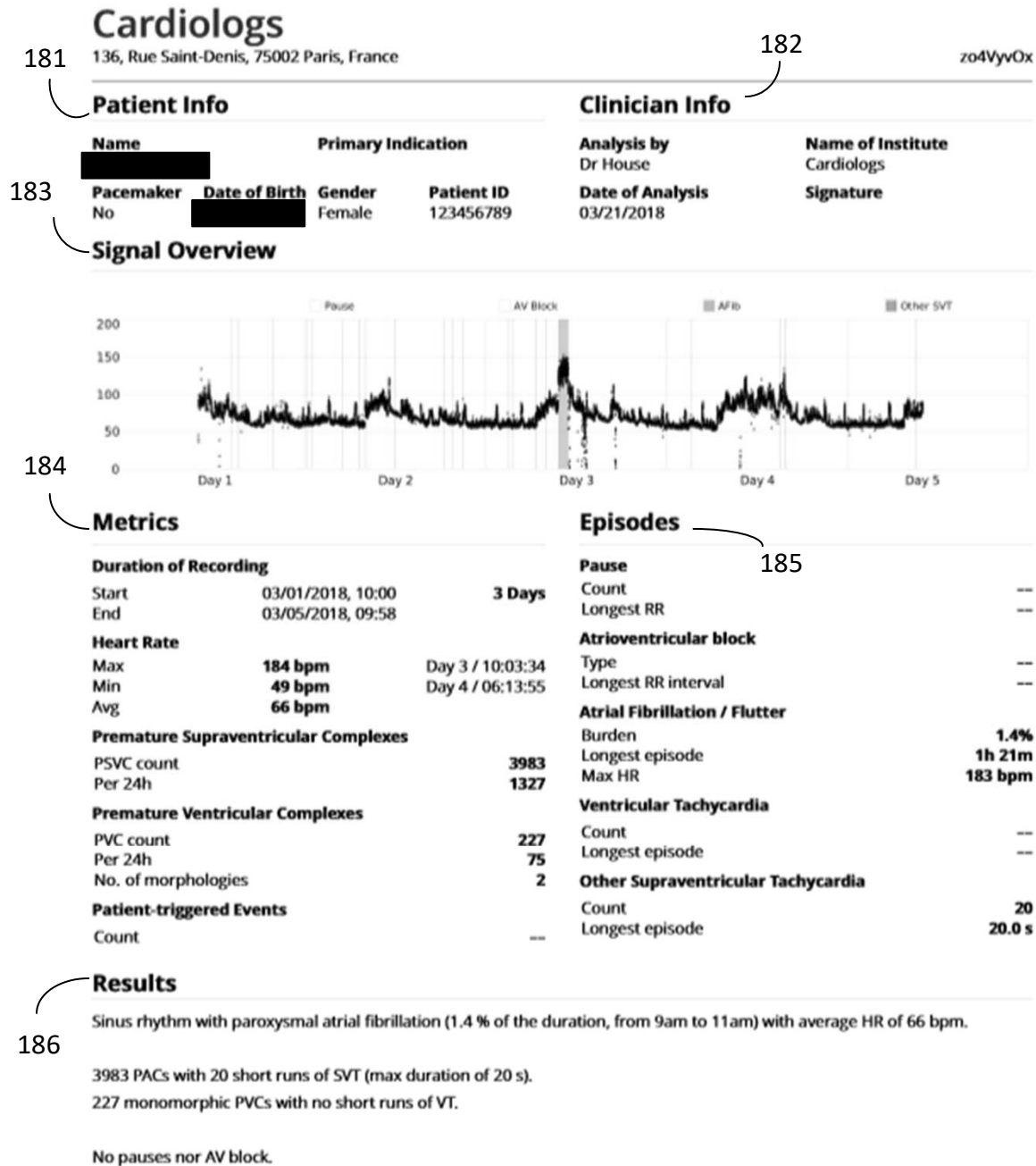


FIG. 15A



FIG. 15B

193

Cardiologs

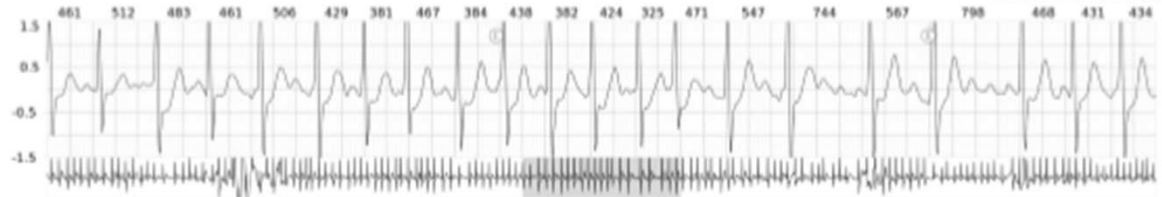
136, Rue Saint-Denis, 75002 Paris, France

zo4VyvOx

Afib / Flutter

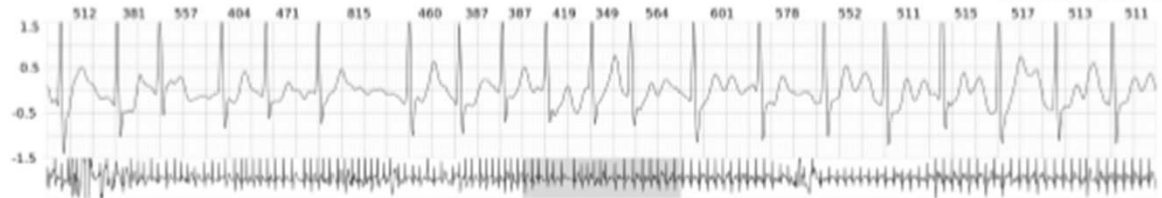
Day 3 / 10:30:33

HR: 183 bpm
Duration: 1h 21m



Day 3 / 11:00:18

HR: 183 bpm
Duration: 1h 21m

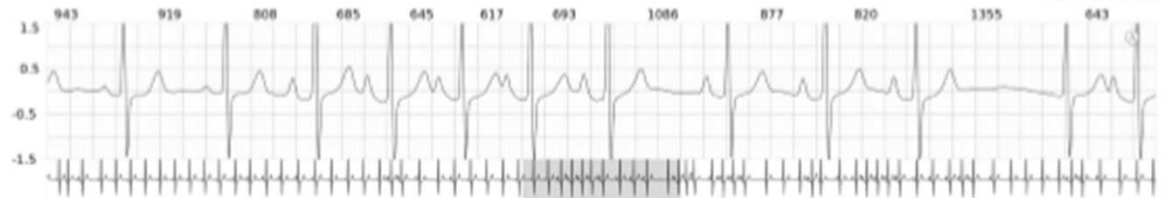


194

Other SVT

Day 2 / 05:01:20

HR: 87 bpm
Duration: 20s



Day 5 / 09:01:30

HR: 114 bpm
Duration: 20s

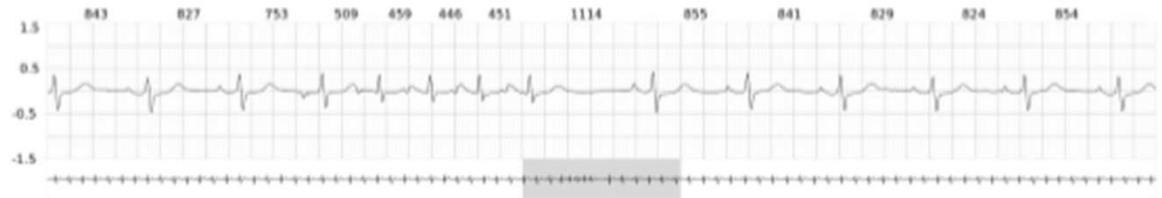


FIG. 15C

195

Cardiologs
136, Rue Saint-Denis, 75002 Paris, France

zo4VvvOx

PSVC



196

PVC

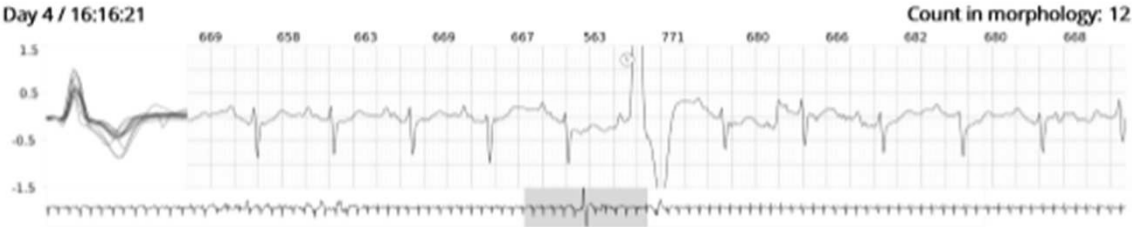
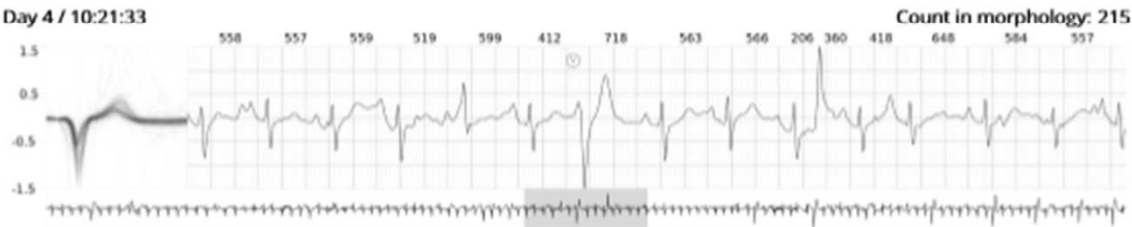


FIG. 15D

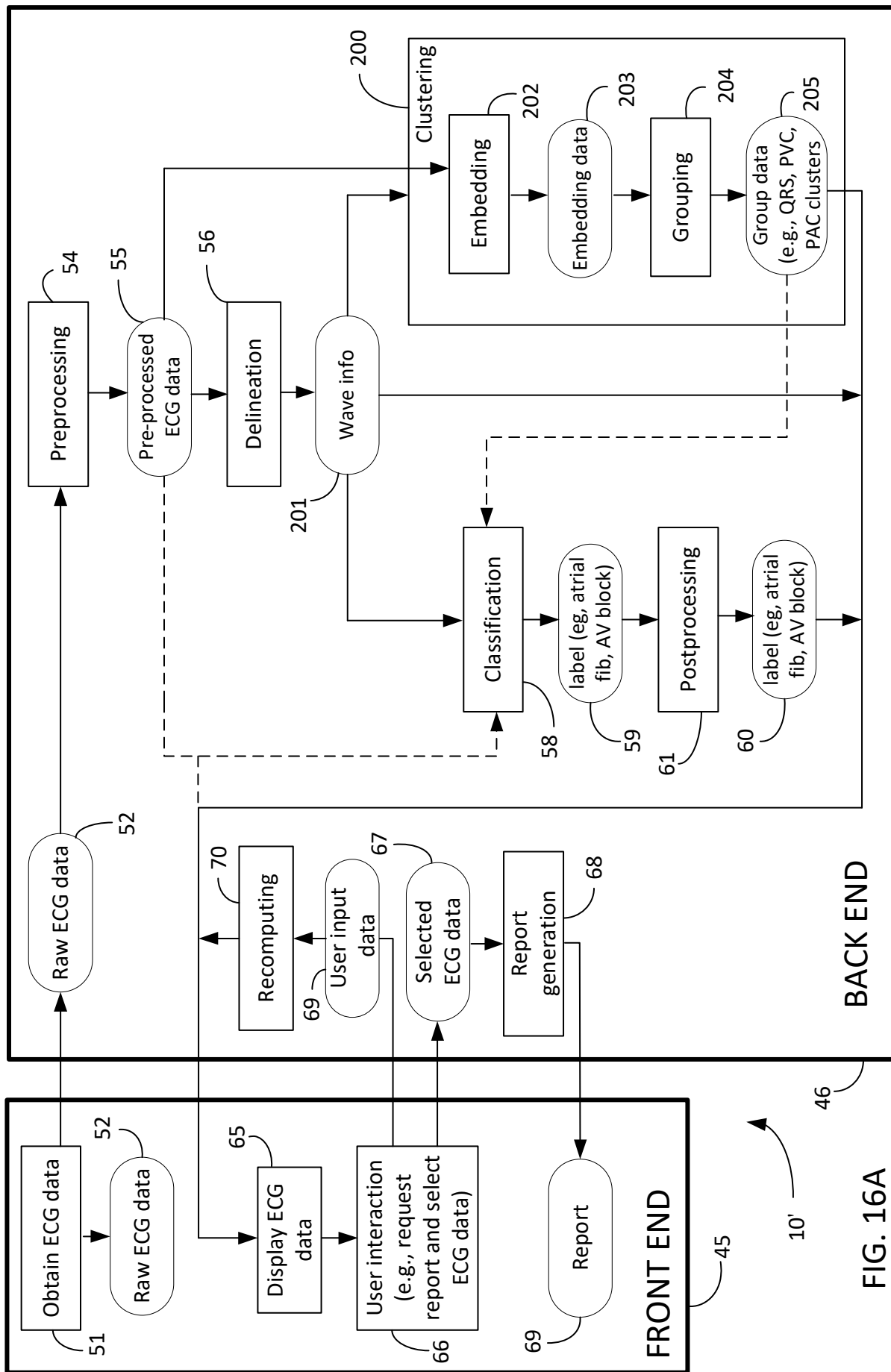


FIG. 16A

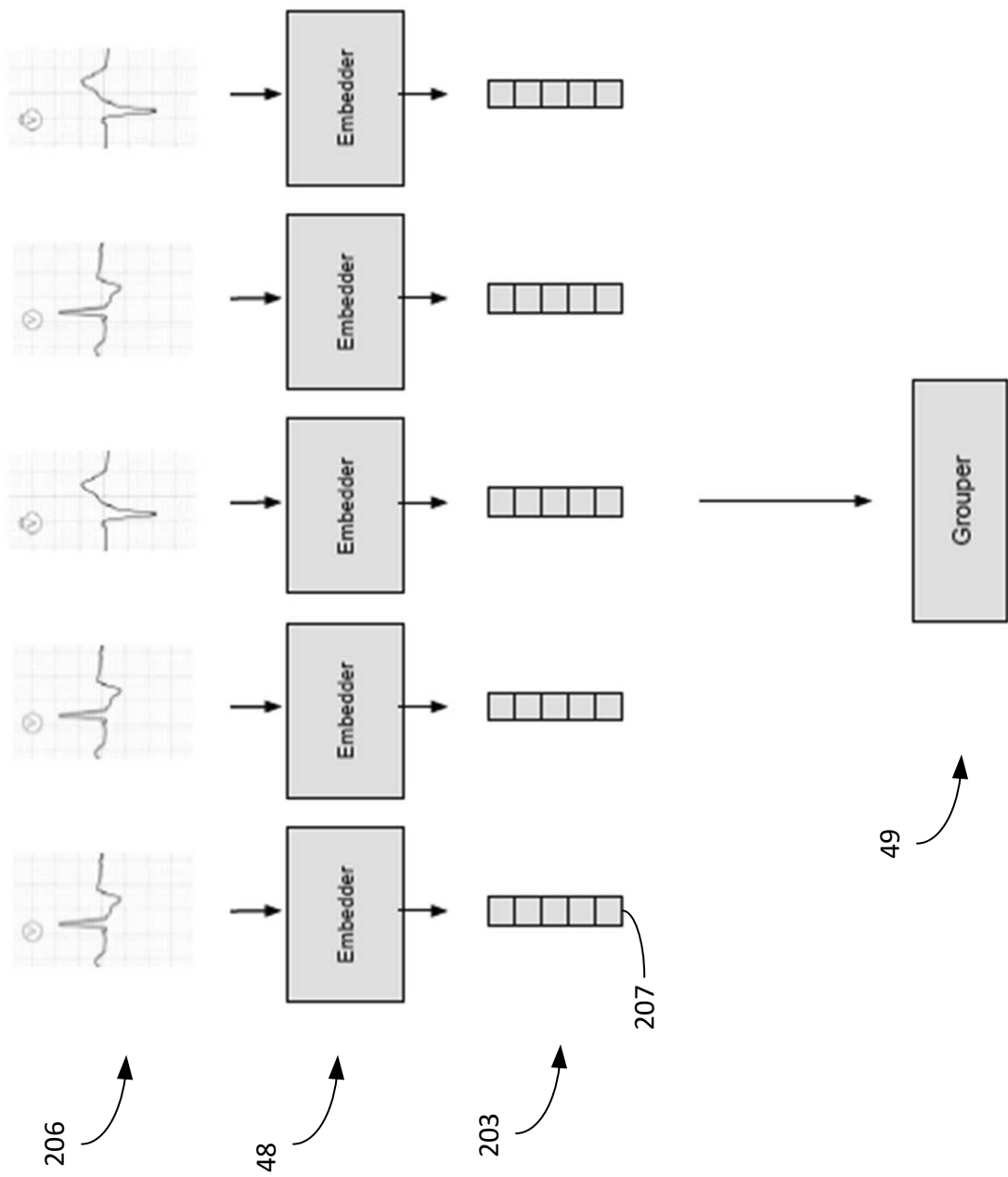


FIG. 16B

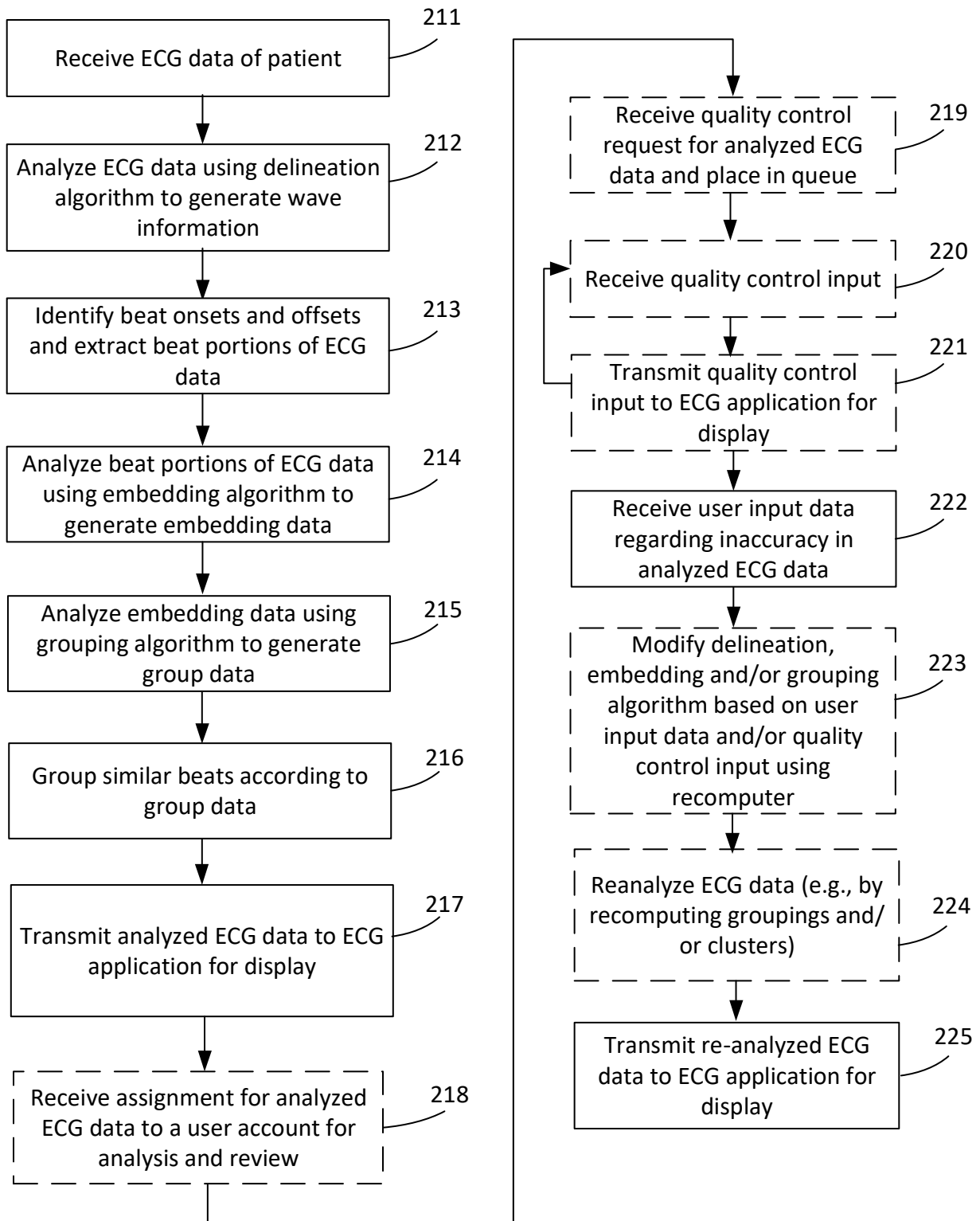


FIG. 17

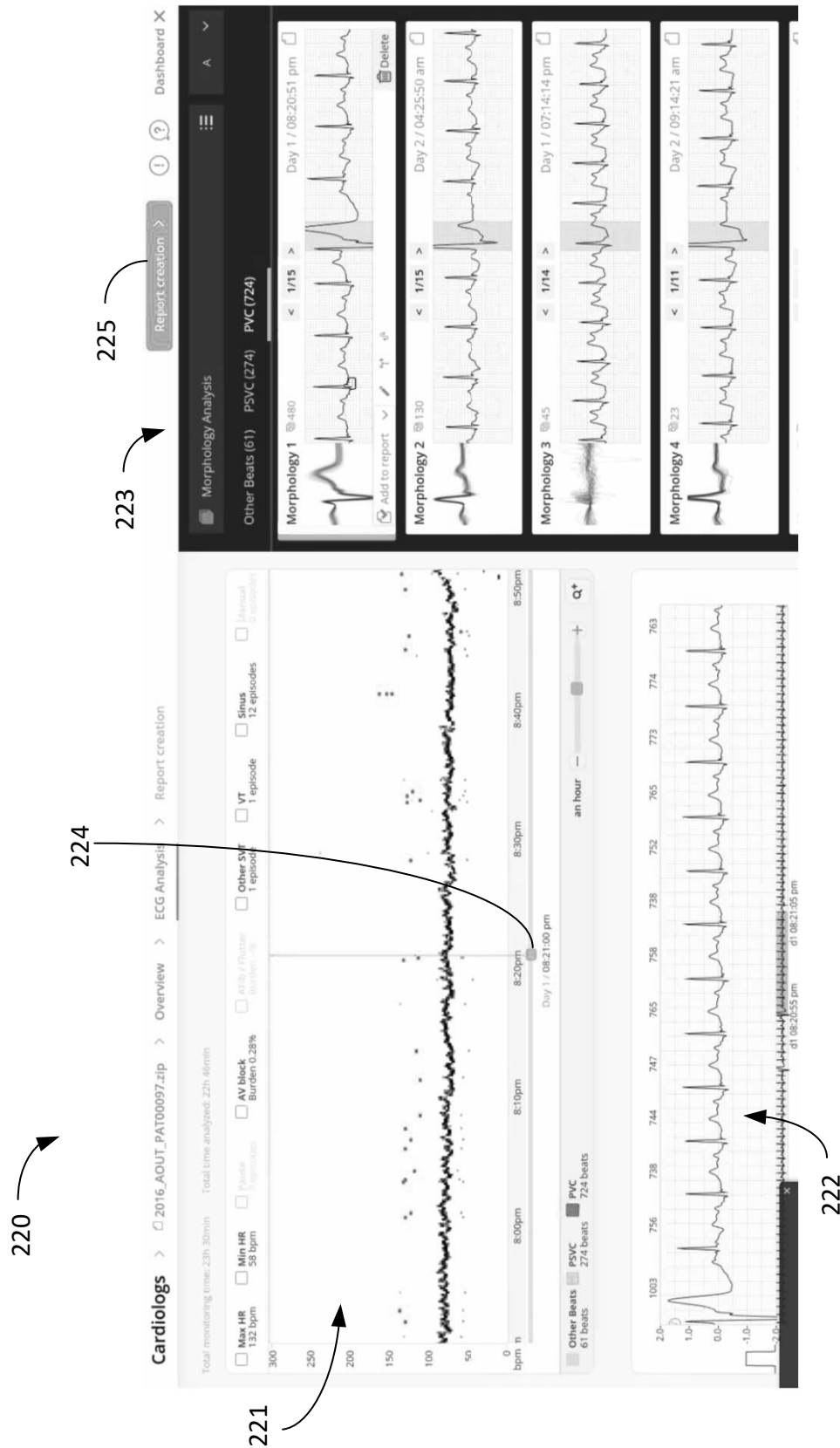


FIG. 18

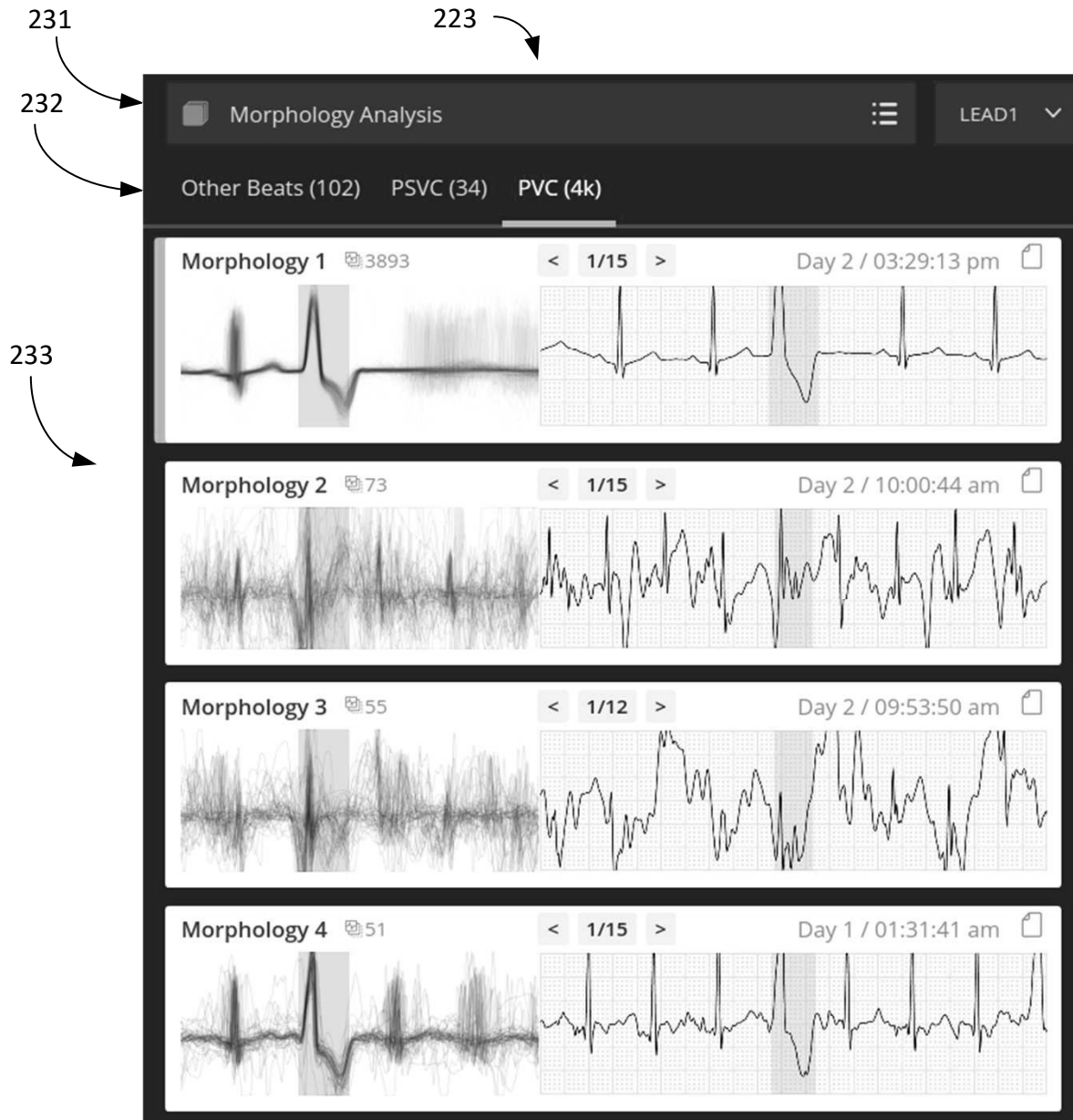


FIG. 19

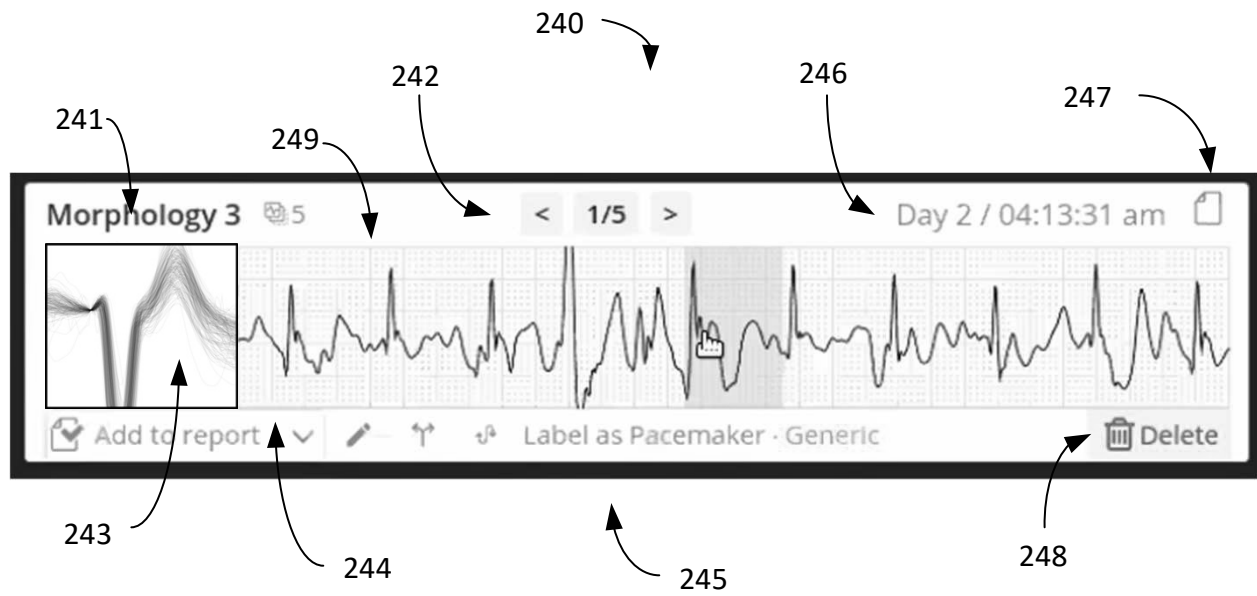


FIG. 20A

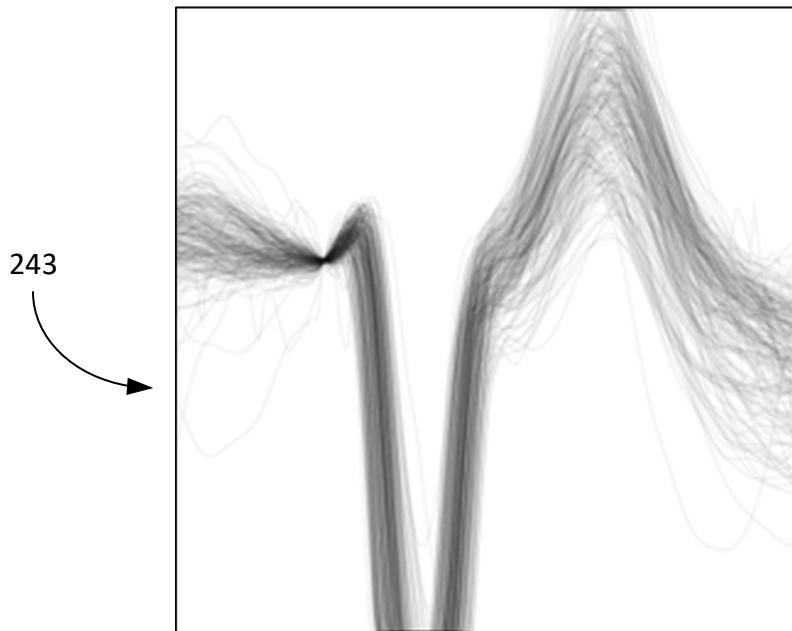


FIG. 20B

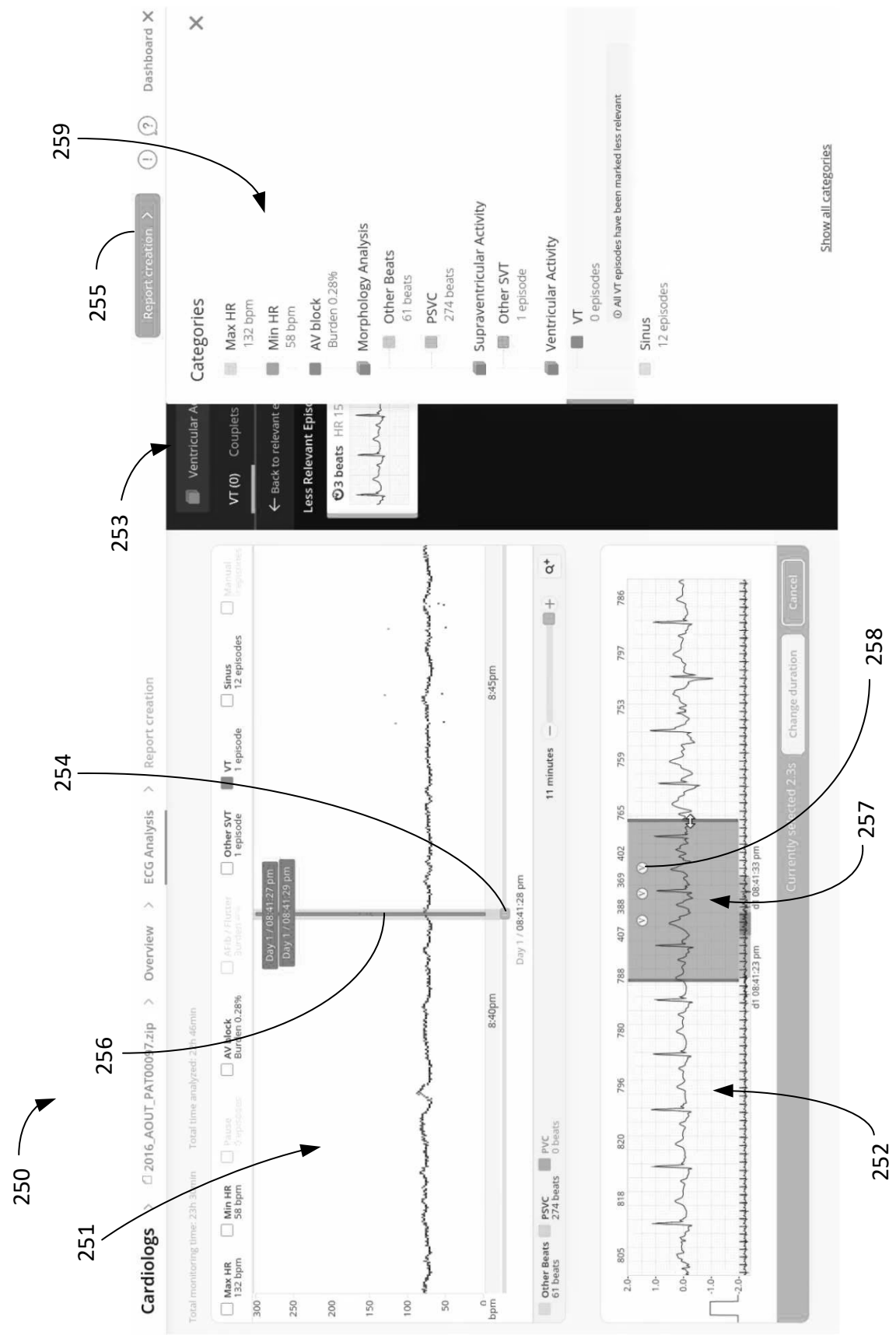


FIG. 21

Patient: Jane Doe

Extended Holter Report

Patient Summary

Date of Birth
08/19/1993 (26 yrs.)

Gender
Female

Patient ID
XXXX

Pacemaker
No

Primary Indication
Palpitations

Medication
—

Clinician Summary

Analysis by
Julien Fontanarava

Institution
Cardiologs

Referred By
—

Interpreted by
—

Report Summary

Recording Length
6d 18h 45min

Analysis Length
6d 18h 40min

07/28/2015 to
08/04/2015

Date of Analysis
09/26/2019

Noise Burden
0.05%

Heart Rate

Max	Min	Average
174bpm	57bpm	81bpm
07/30/2015 03:27:08 pm	08/01/2015 06:56:14 am	

Ectopics

Premature Supraventricular Complexes

PSVC Count	Couplets
919 (0.12%)	6 (< 0.01%)

Premature Ventricular Complexes

PVC Count	No. of morphologies
1,370 (0.17%)	2

Couplets	Bigeminy	Trigeminy
94 (0.02%)	5 (< 0.01%)	—

Patient Events

Count
1

Paced Beats

Count
—

AFib / Flutter

Burden	Longest Episode	Max HR
17.23%	15h 59min on 07/30/2015 02:25:30 pm	174bpm

Representative Strip HR: 174bpm Duration: 15h 59min



Other SVT

Count	Longest Episode	Max HR
—	— on —	—

Representative Strip: None

Pause

Count	Longest RR
—	—

Representative Strip: None

AV Block

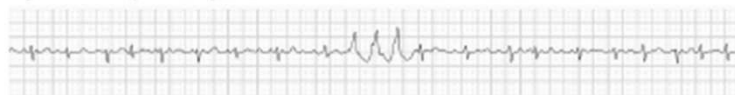
Type	Longest RR
—	—

Representative Strip: None

VT

Count	Longest Episode	Max HR
11	4 beats on 07/28/2015 07:55:29 pm	201bpm

Representative Strip HR: 201bpm Duration: 3 beats



Findings

Recording of 6d 18h, sinus rhythm with paroxysmal atrial fibrillation.
Max HR 174 bpm, min HR 57 bpm, average 81 bpm.

1370 PVCs, 94 ventricular couplets, 11 ventricular shortruns (longest of 4 beats).
919 PACs, 6 supraventricular couplets, AFib on 17.3% of the recording.

Signature

Cardiologs

FIG. 22A

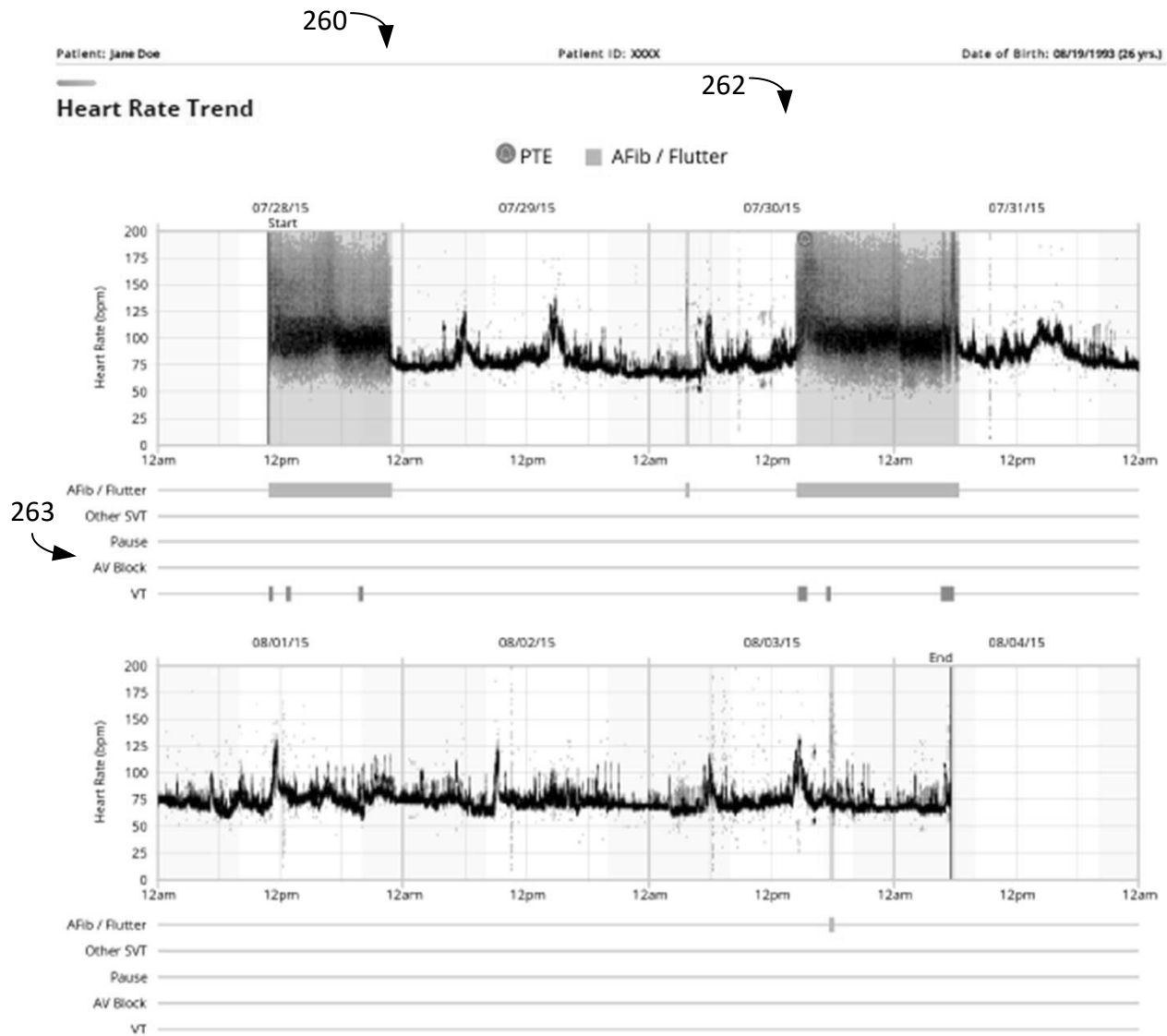


FIG. 22B

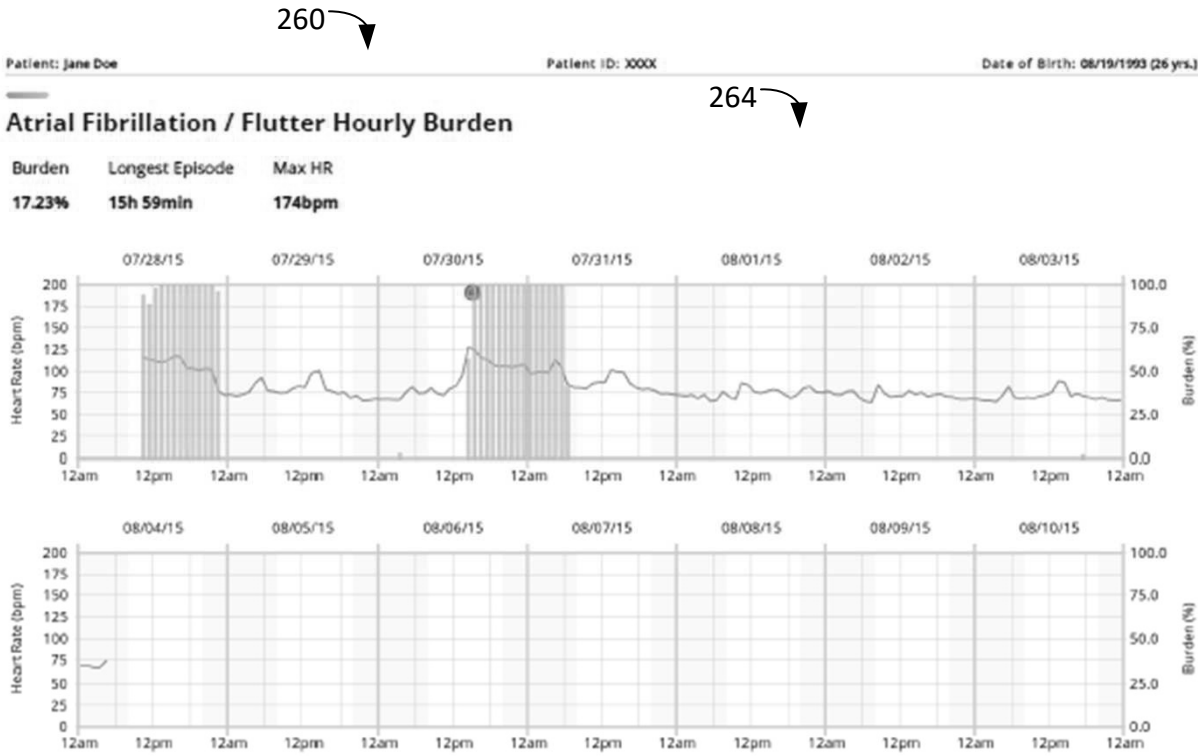


FIG. 22C

Date of Birth: 08/19/1993 (26 yrs.)

PSVC	Couplets
919 (0.12%)	6 (< 0.01%)



FIG. 22D

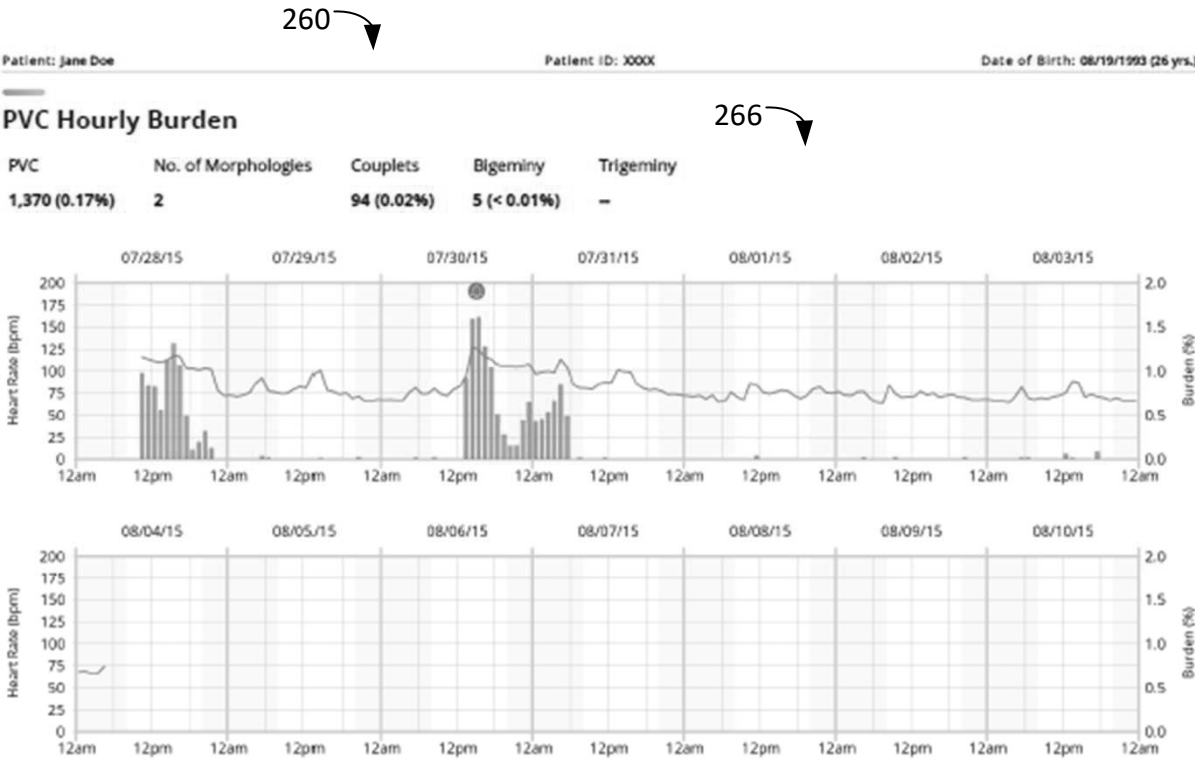


FIG. 22E

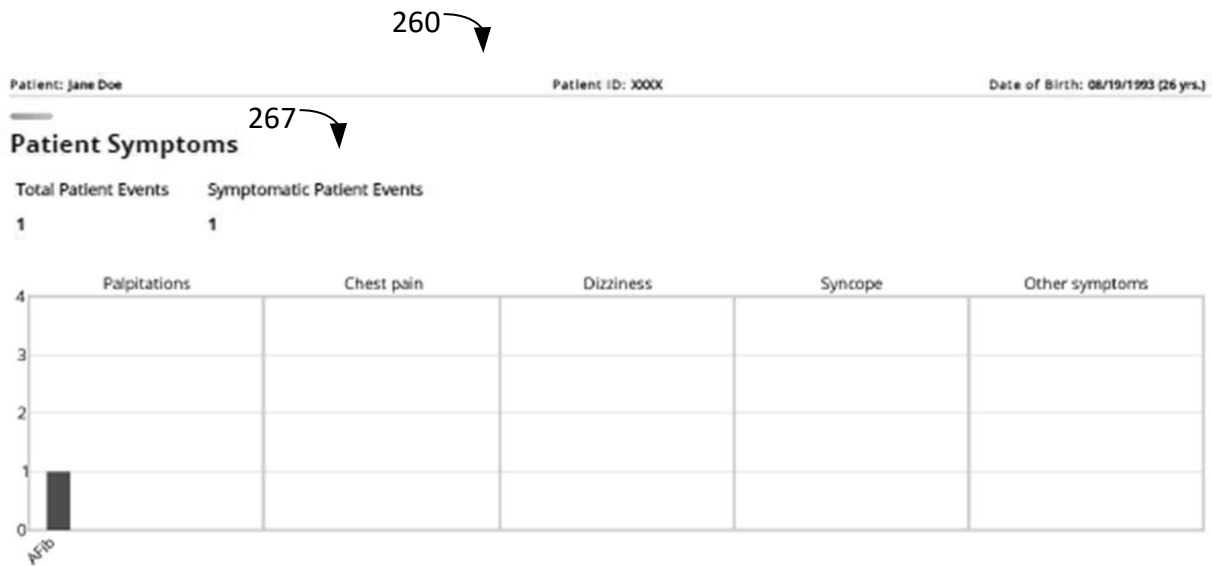


FIG. 22F

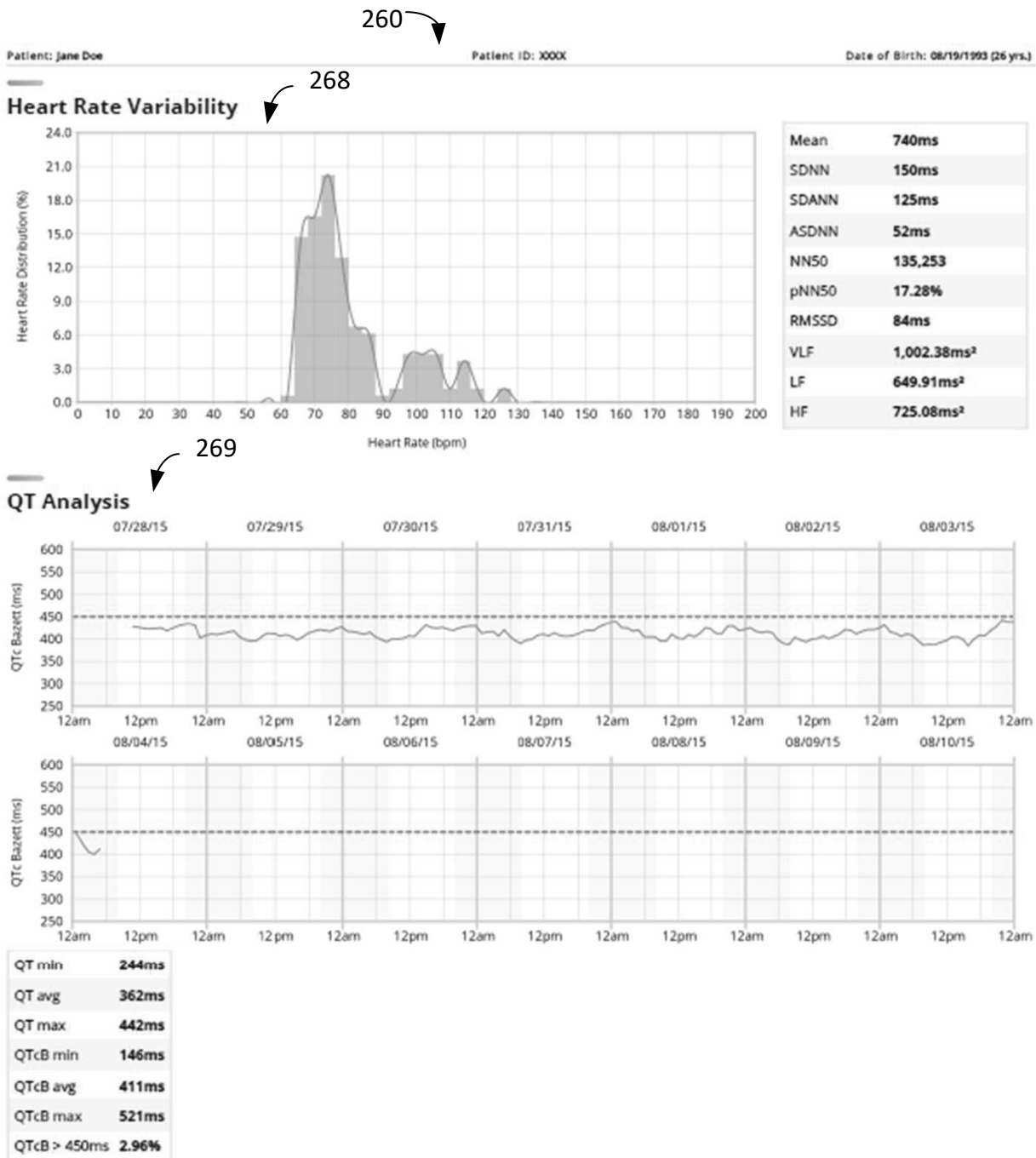


FIG. 22G

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Patient: Jane Doe Patient ID: XXXX Date of Birth: 08/19/1993 (26 yrs.)

Strip Index

271

ID	Date & Time	Category	HR	Patient Event	Comments	Page
1	07/29/2015 02:51:35 pm	Max HR	132bpm	--	Maximum heart rate in sinus	page 9
2	07/30/2015 03:27:08 pm	Max HR	174bpm	--	Maximum heart rate in AFib	page 9
3	08/01/2015 06:56:14 am	Min HR	57bpm	--		page 9
4	07/28/2015 11:25:30 am	Sinus	86bpm	--		page 9
5	07/29/2015 12:13:55 am	Sinus	68bpm	--		page 10
6	07/29/2015 01:08:00 pm	Sinus	79bpm	--		page 10
7	07/30/2015 02:25:42 pm	AFib / Flutter	174bpm	Yes	Transition to AFib	page 10
8	07/30/2015 03:27:03 pm	AFib / Flutter	174bpm	Yes	Fastest AFib	page 10
9	07/31/2015 06:24:39 am	AFib / Flutter	174bpm	Yes		page 10
10	07/28/2015 11:06:01 am	VT	195bpm	--		page 11
11	07/28/2015 07:55:25 pm	VT	184bpm	--		page 11
12	07/30/2015 02:52:25 pm	VT	186bpm	--		page 11
13	07/30/2015 05:36:01 pm	VT	187bpm	--		page 12
14	07/31/2015 04:51:08 am	VT	201bpm	--	Fastest ventricular triplet	page 12
15	07/30/2015 03:29:07 pm	Patient Event	--	--		page 12
16	07/28/2015 01:33:16 pm	PVC	--	--		page 12
17	07/28/2015 06:15:08 pm	PVC	--	--		page 13
18	07/30/2015 03:55:59 pm	PVC	--	--		page 13
19	07/30/2015 04:09:19 pm	PVC	--	--		page 13
20	07/30/2015 05:04:18 pm	PVC	--	--		page 13
21	07/31/2015 04:51:55 am	PVC	--	--	predominant morphology	page 13
22	07/28/2015 11:17:52 am	Ventricular Couplet	--	--		page 14
23	07/28/2015 11:43:23 am	Ventricular Couplet	--	--		page 14
24	07/28/2015 03:59:35 pm	Ventricular Bigeminy	--	--		page 14
25	07/28/2015 03:59:36 pm	Ventricular Bigeminy	--	--		page 14
26	07/30/2015 05:05:50 am	PSVC	--	--		page 15
27	08/03/2015 04:05:55 pm	PSVC	--	--		page 15
28	08/03/2015 04:11:58 pm	PSVC	--	--		page 15
29	08/03/2015 04:12:19 pm	Supraventricular Couplet	--	--		page 15
30	08/03/2015 05:41:39 pm	Supraventricular Couplet	--	--		page 15
31	08/04/2015 05:31:10 am	Supraventricular Couplet	--	--		page 16

FIG. 22H

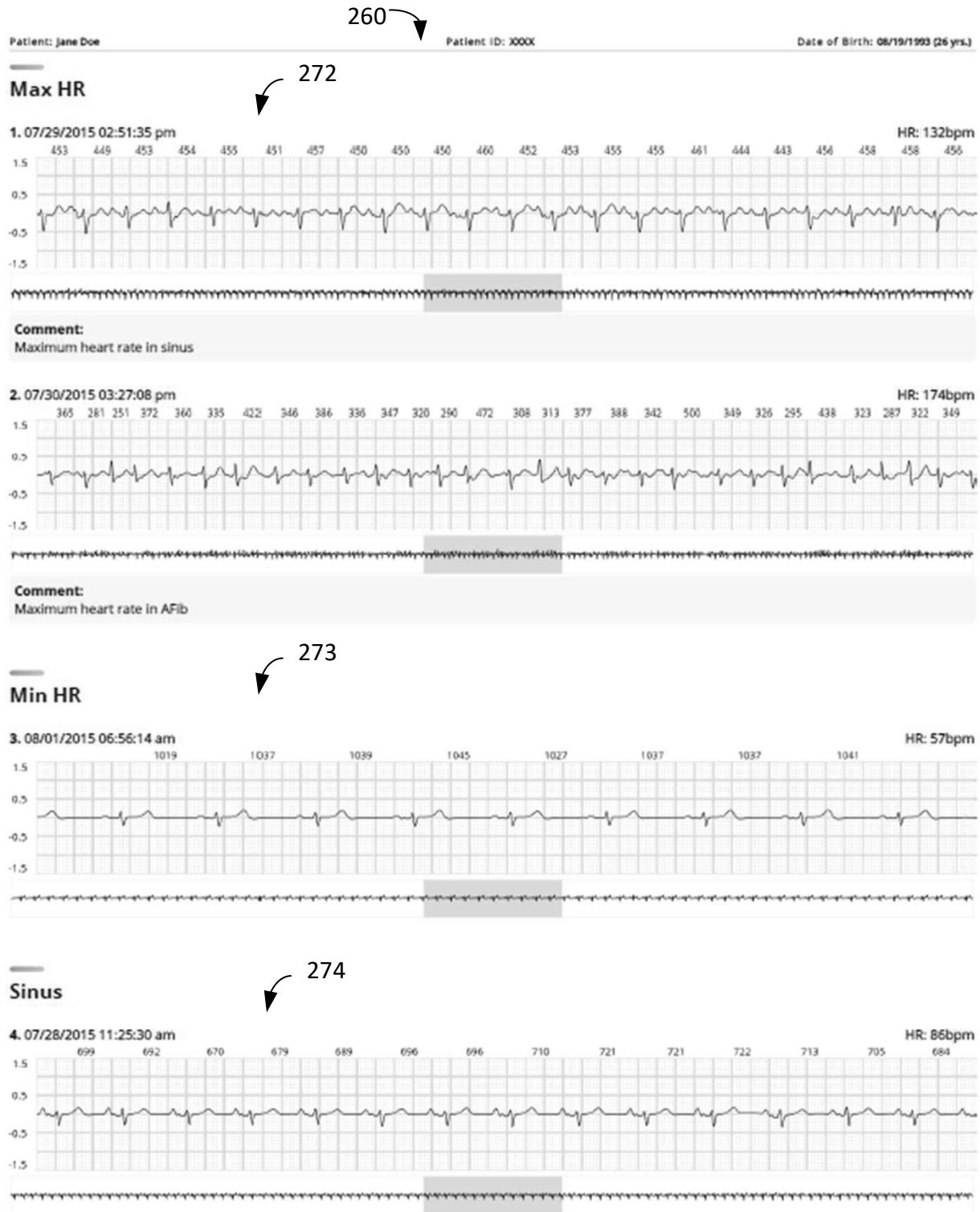


FIG. 221

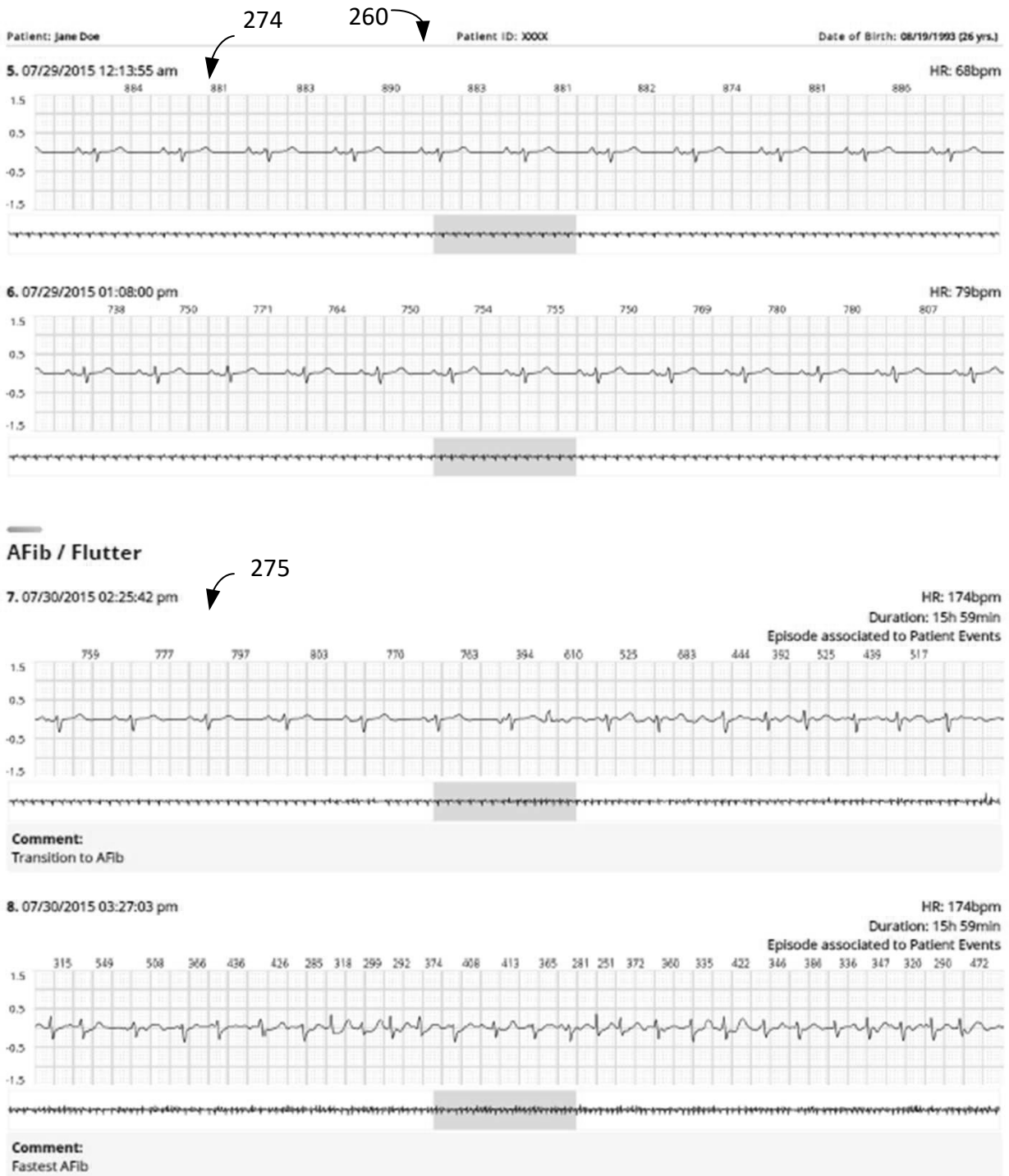


FIG. 22J

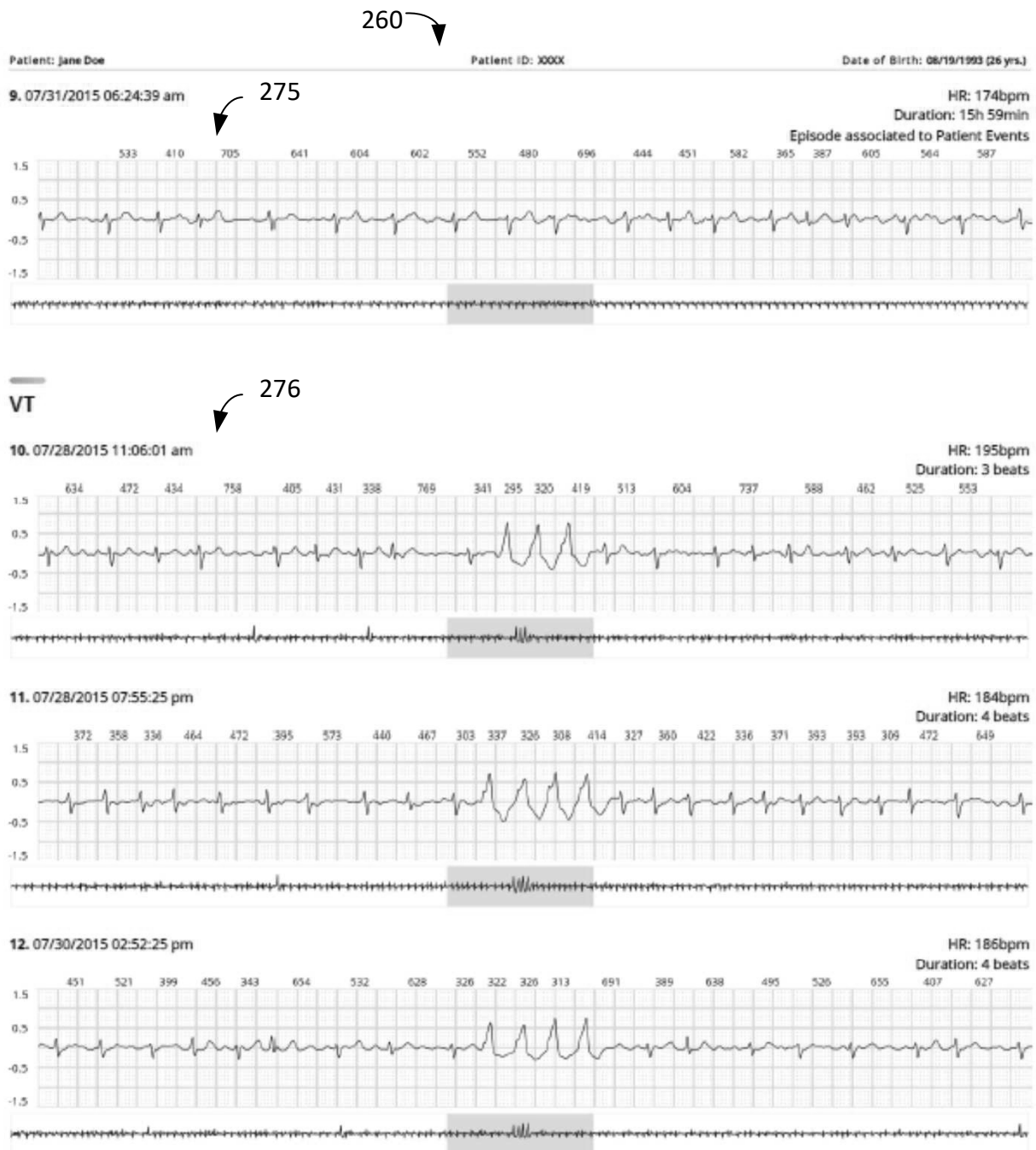


FIG. 22K

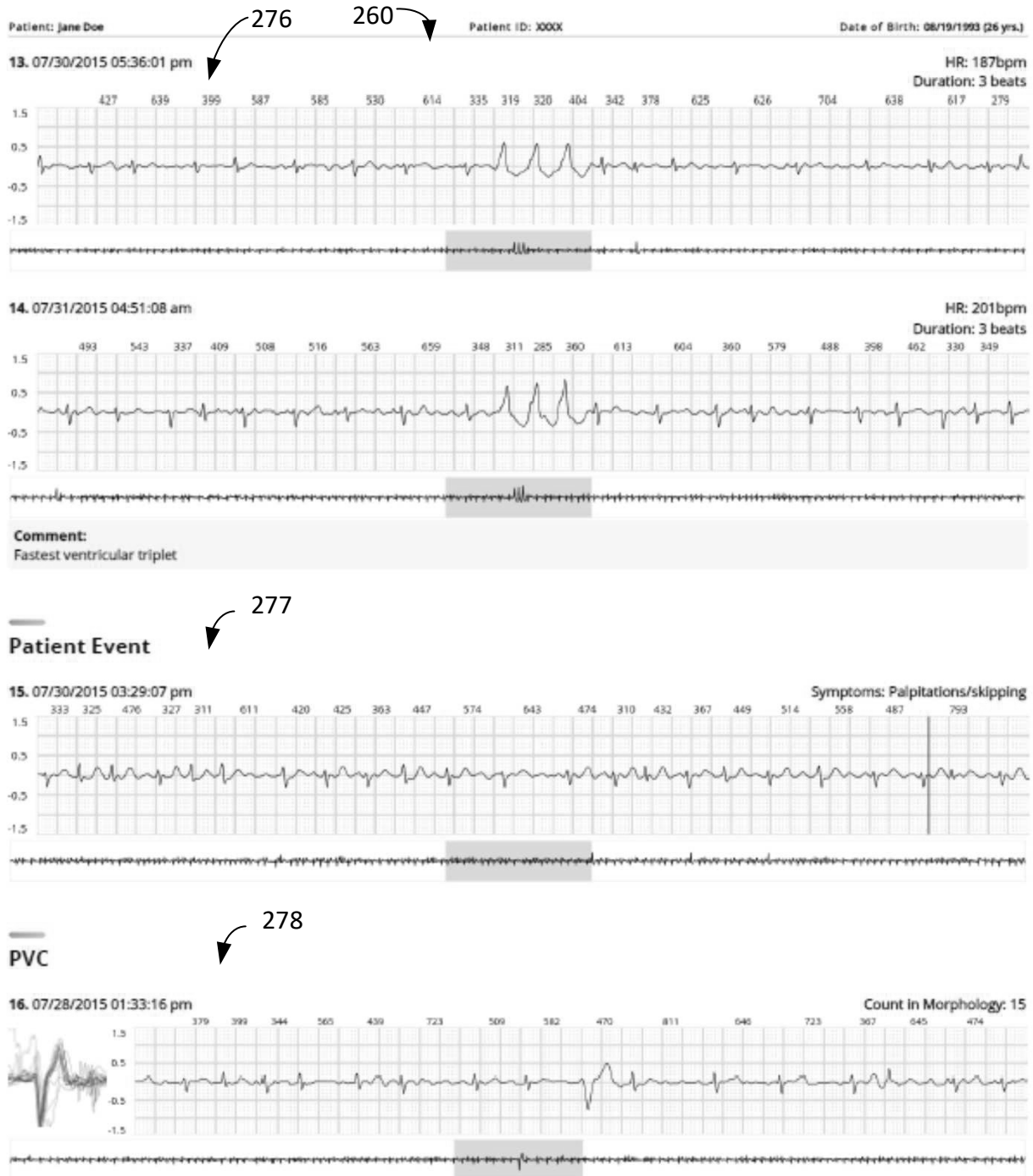


FIG. 22L

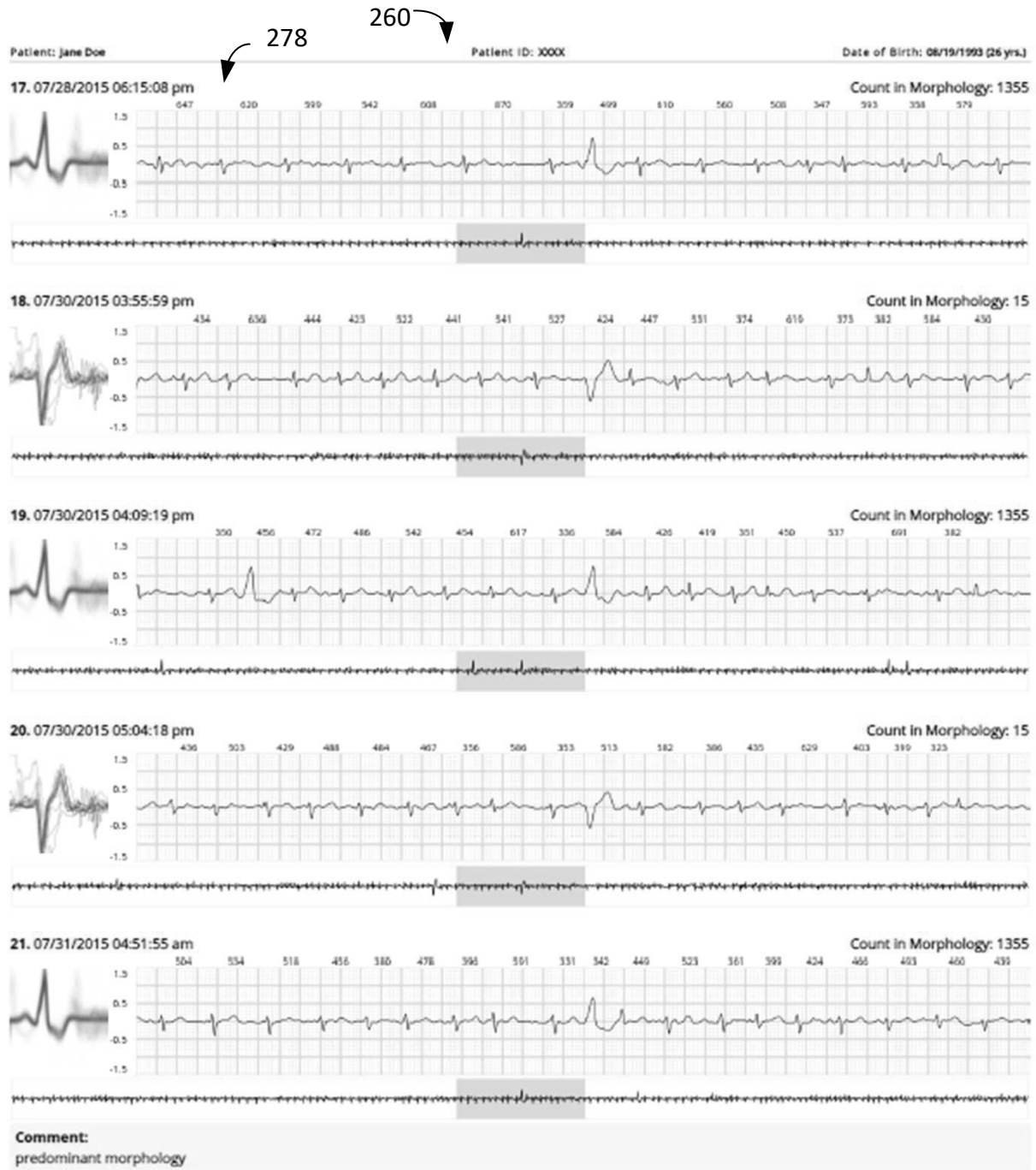


FIG. 22M



FIG. 22N

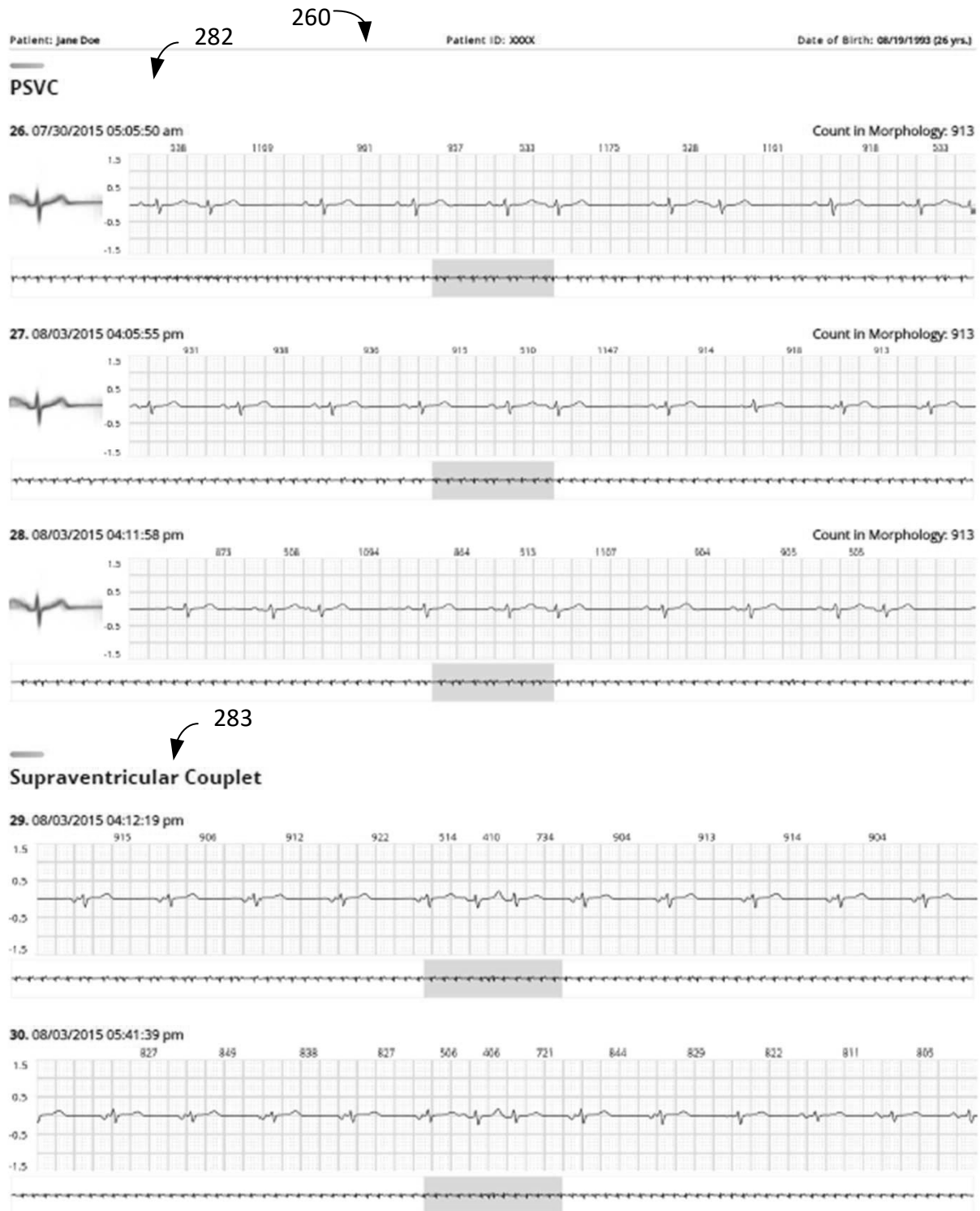


FIG. 220

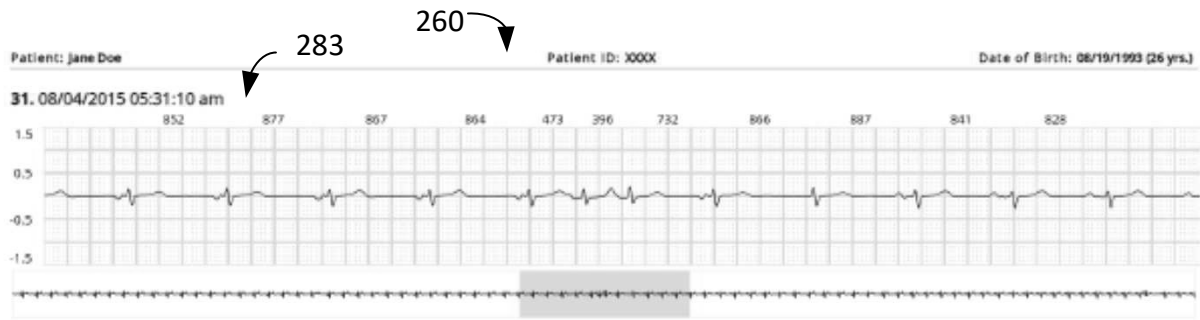


FIG. 22P

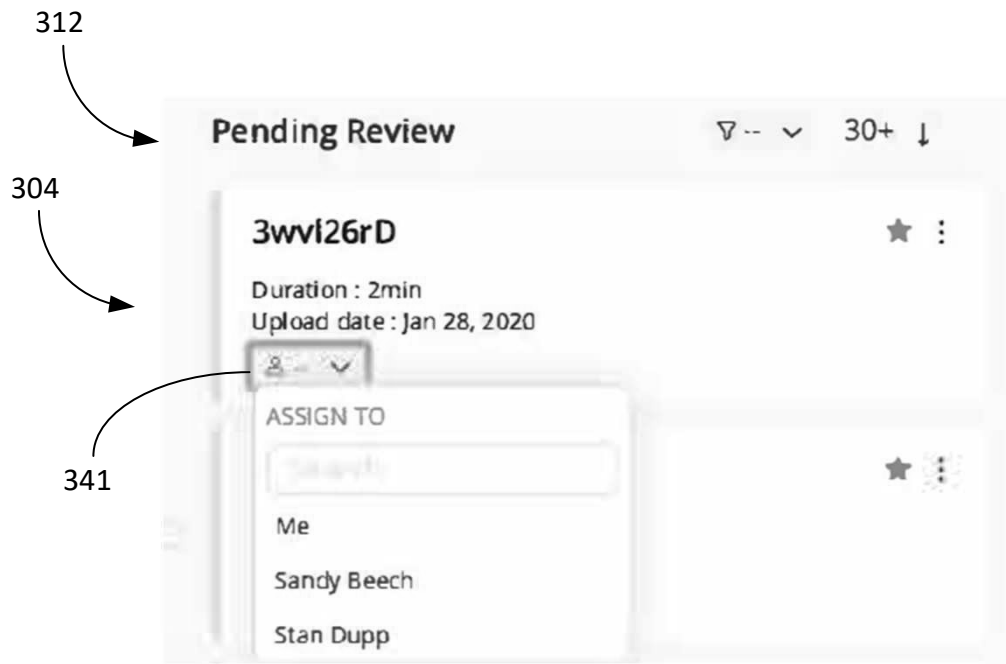


FIG. 23A

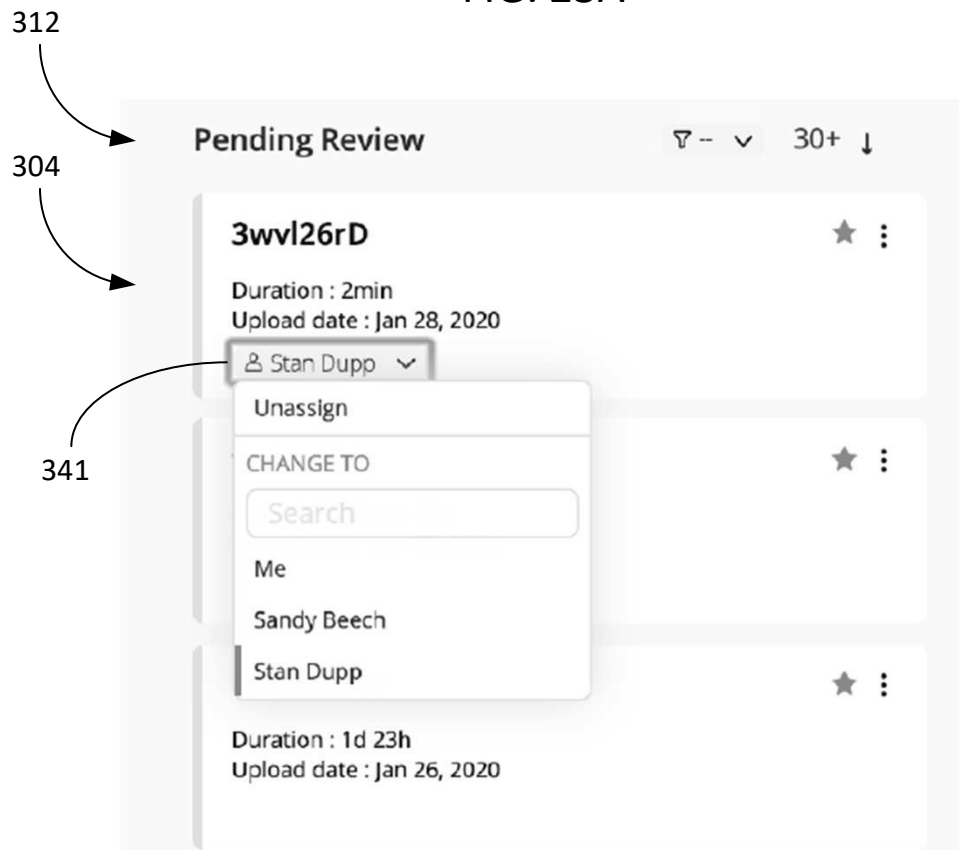


FIG. 23B

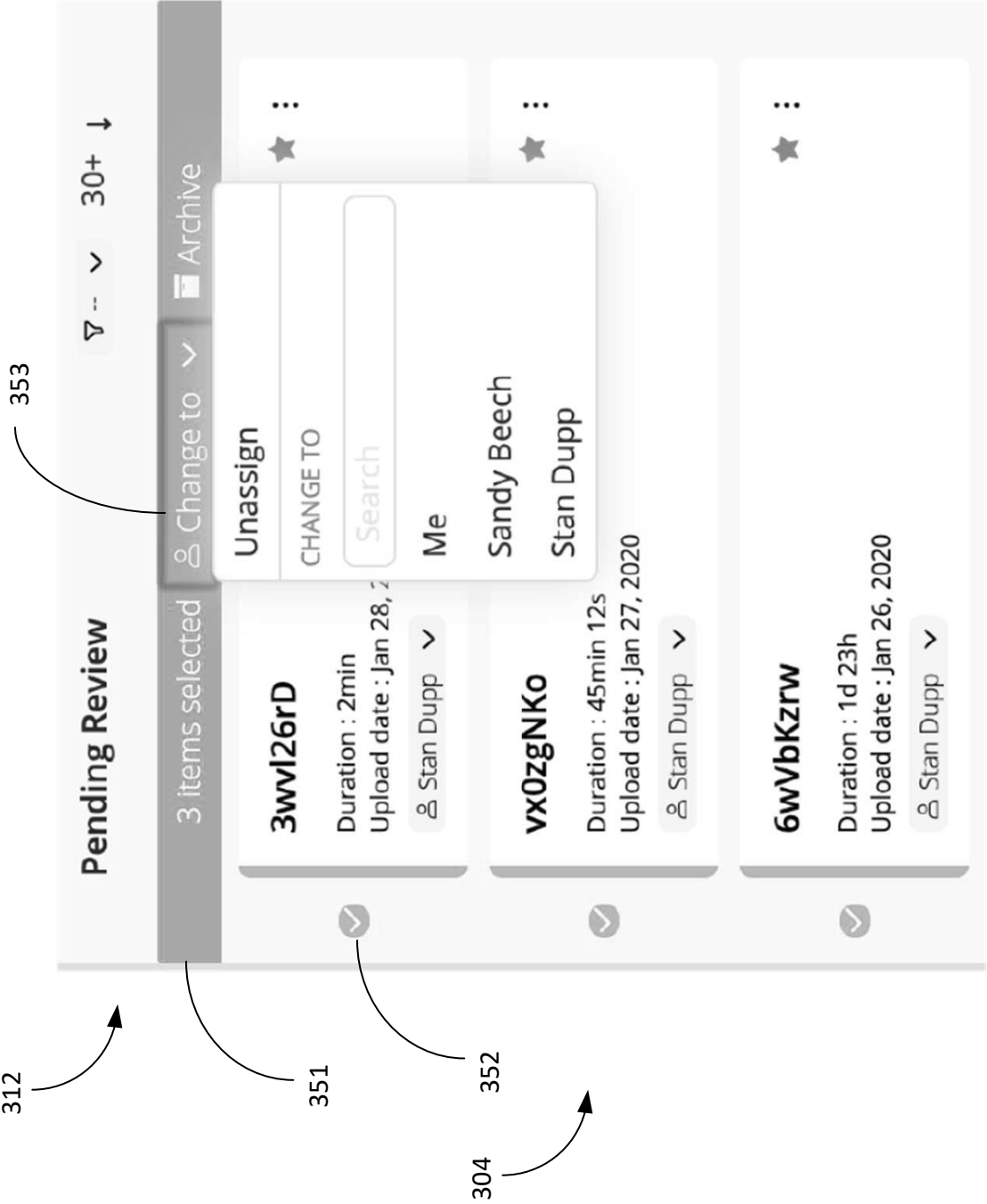


FIG. 23C

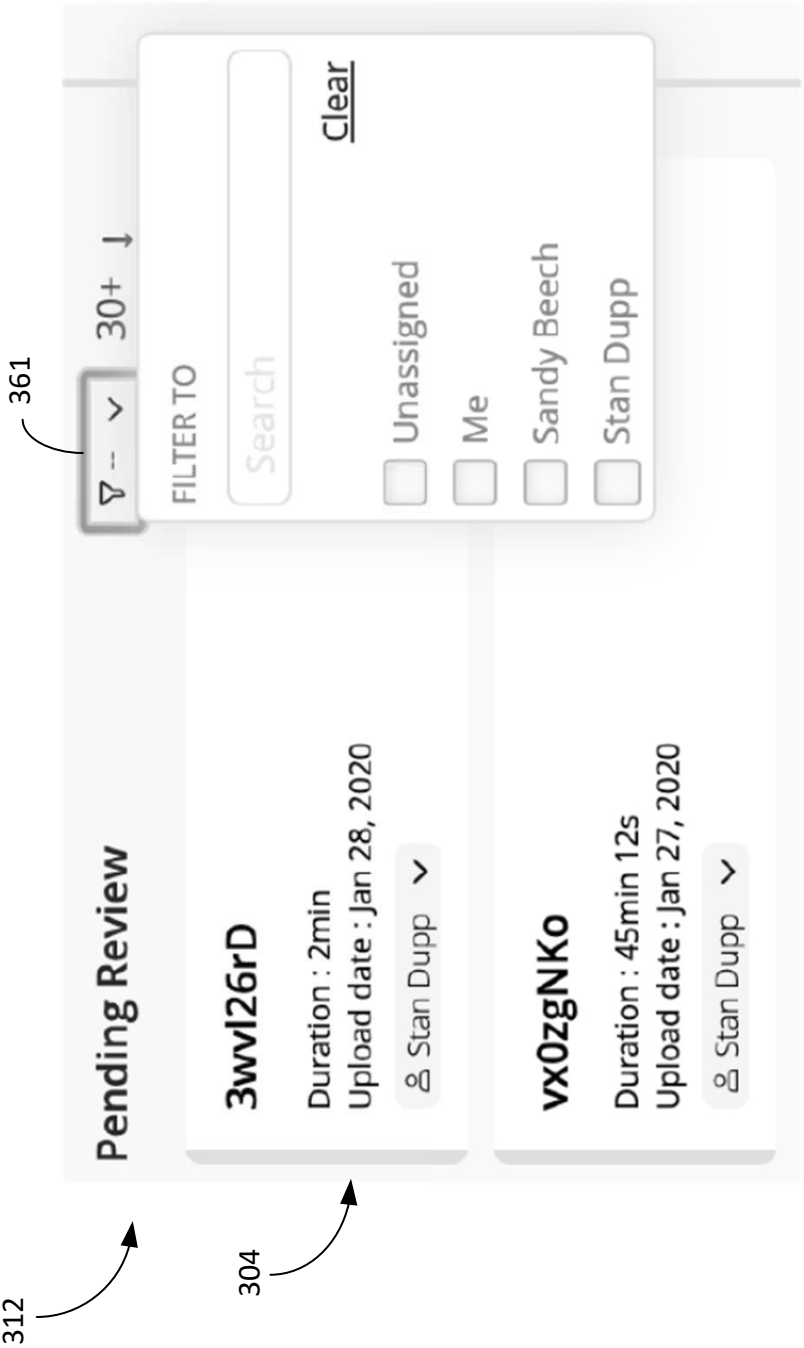


FIG. 23D



FIG. 24A

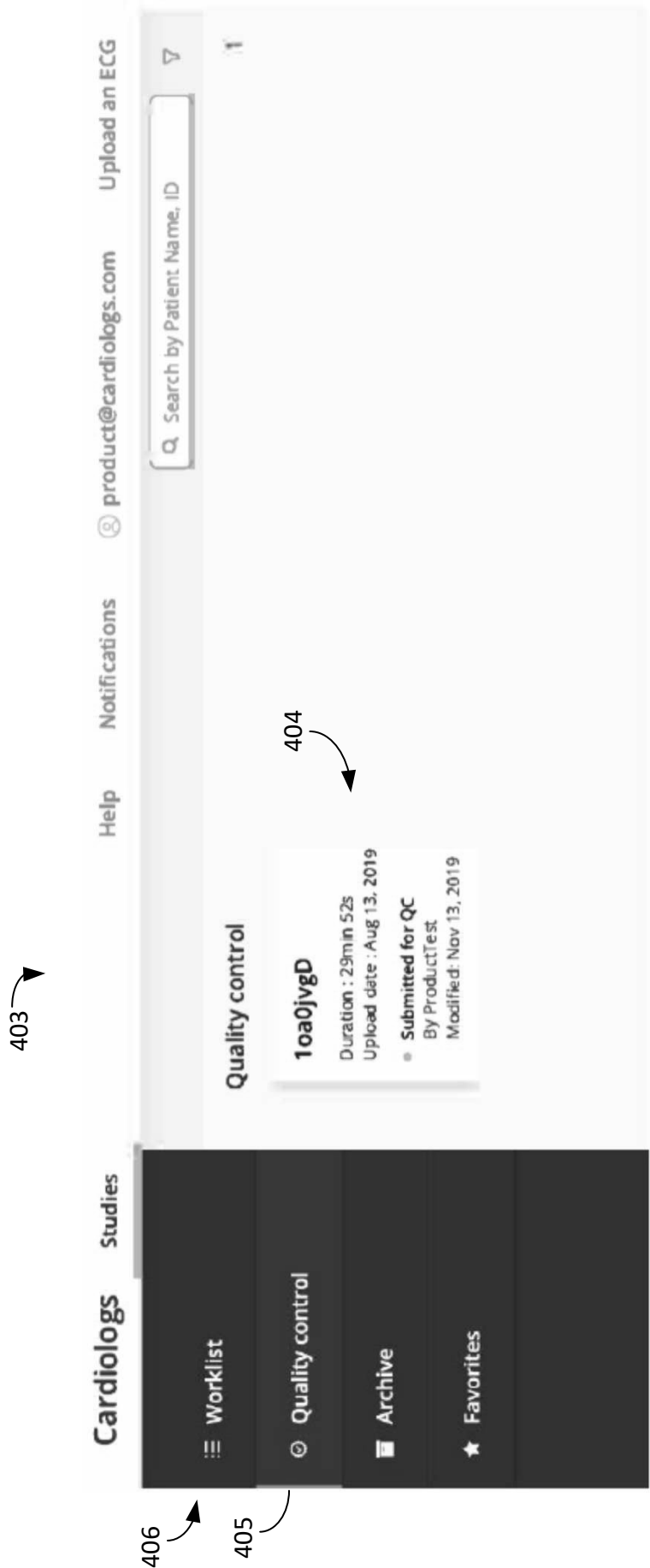


FIG. 24B



FIG. 24C

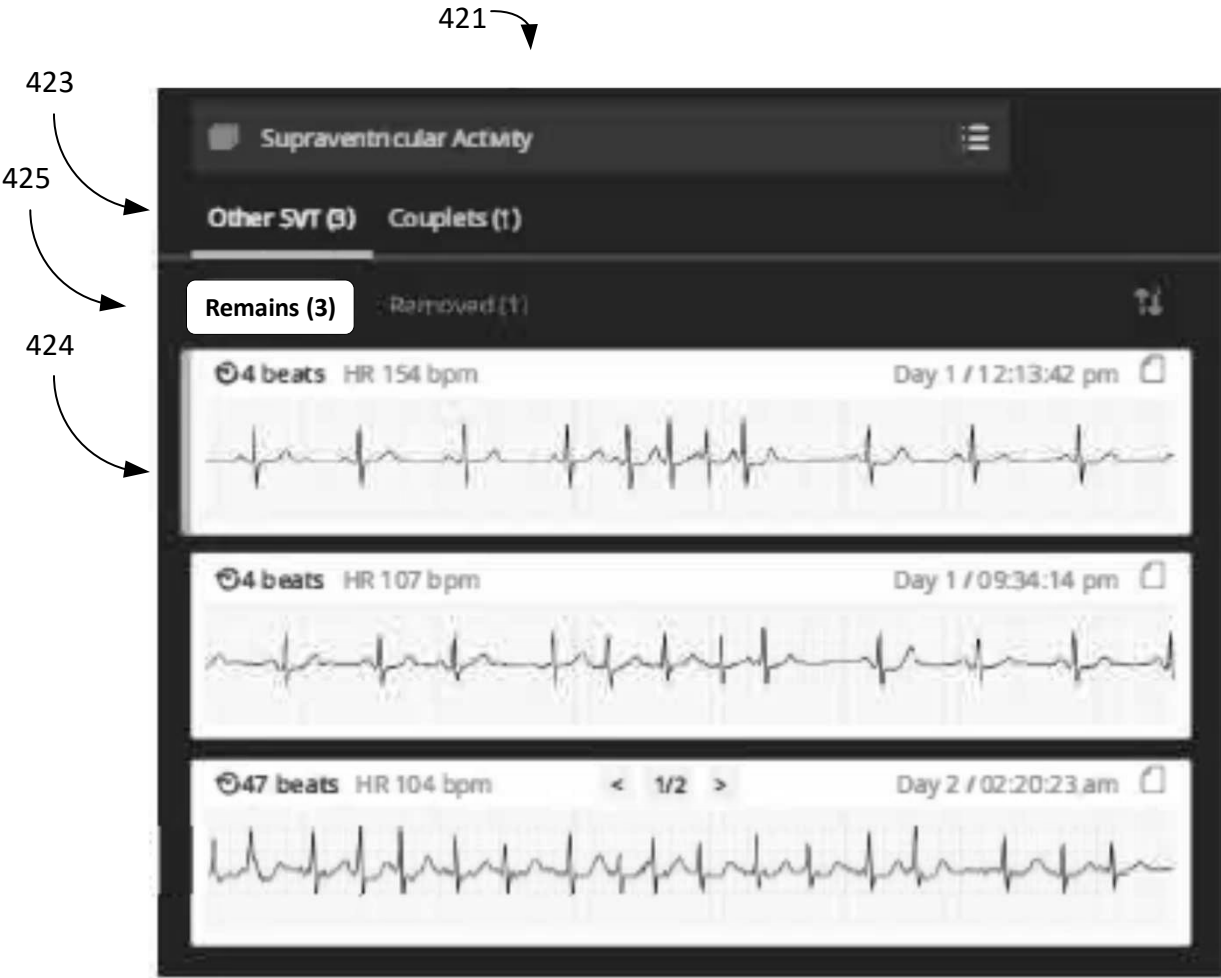


FIG. 24D

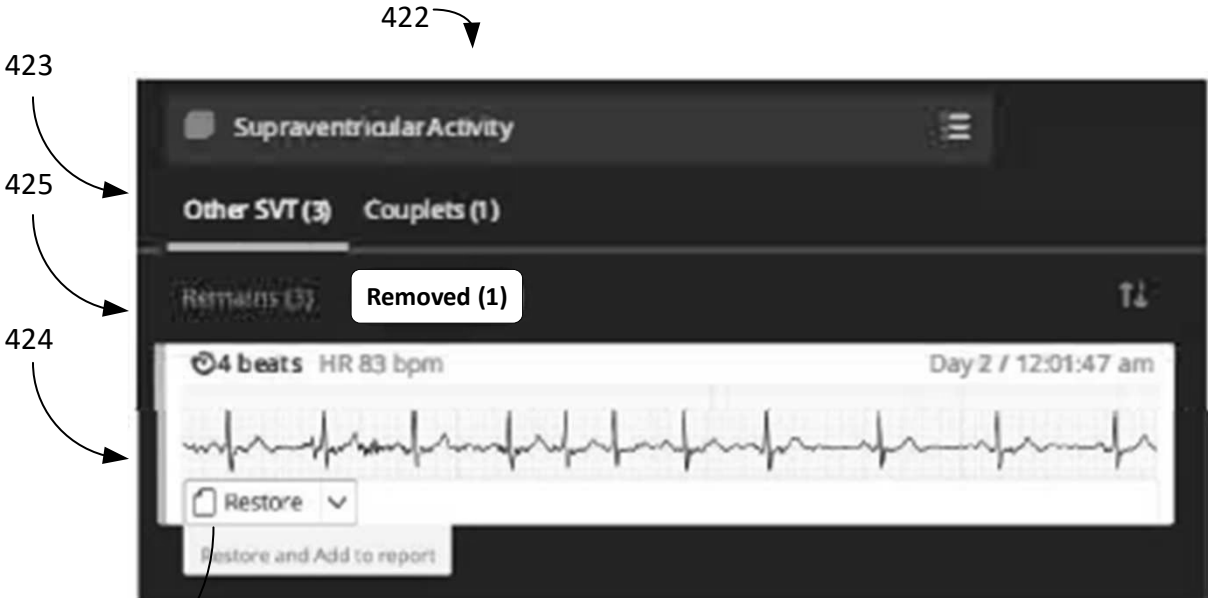


FIG. 24E

431

Cardiologs

flash.dat

Overview

ECG Analysis

Report creation

Report options

Cardiologs

Pick channels to print

LEAD1

LEAD2

LEAD3

Add the full disclosure

Patient Information

Last Name

First Name

Patient ID

Primary Indication

Date of Birth

Pacemaker

Gender

Clinical Information

Analysis By

Date

Name of Institute

Results

Choose template

Insert metric

Clear Template

Quality Control

Status

Pending

Passed

Return for Analysis

432

433

434

435

436

437

738

Generate report

Patient Metrics

Adjusted duration

Total monitoring time: 2d 1h

Total time analyzed: 7h 17min

Heart Rate

Max: --

Min: --

Avg: 68 bpm

Premature Supraventricular Complexes

PSVC Count: 6 (< 0.01%)

No. couplets: --

Premature Ventricular Complexes

PVC Count: 4 (< 0.01%)

No. morphologies: 3

No. couplets: --

No. bigeminy: --

No. trigeminy: --

Patient Events

Count: --

Patient Episodes

Pause

Occurrences: --

FIG. 24F