

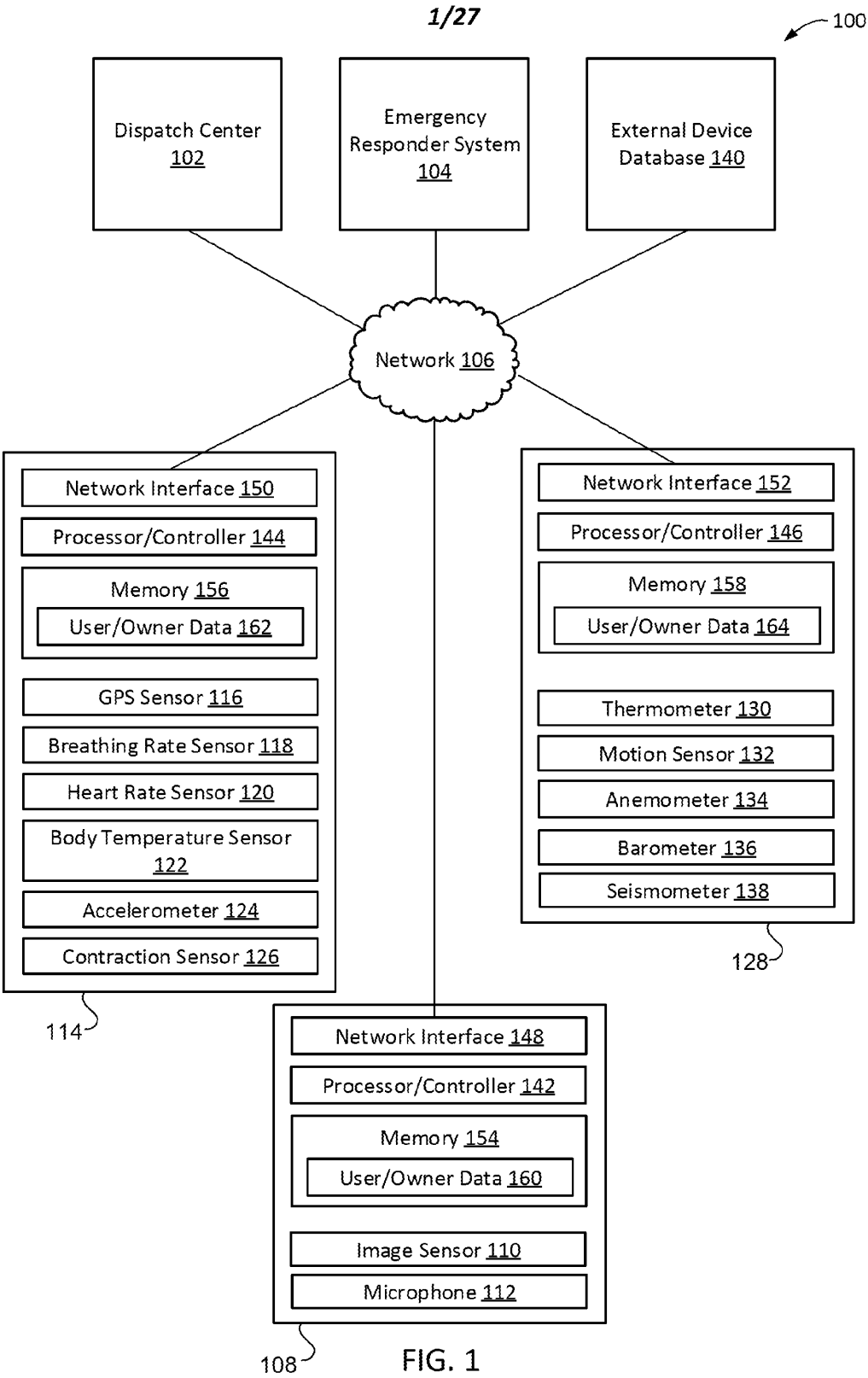


FIG. 1

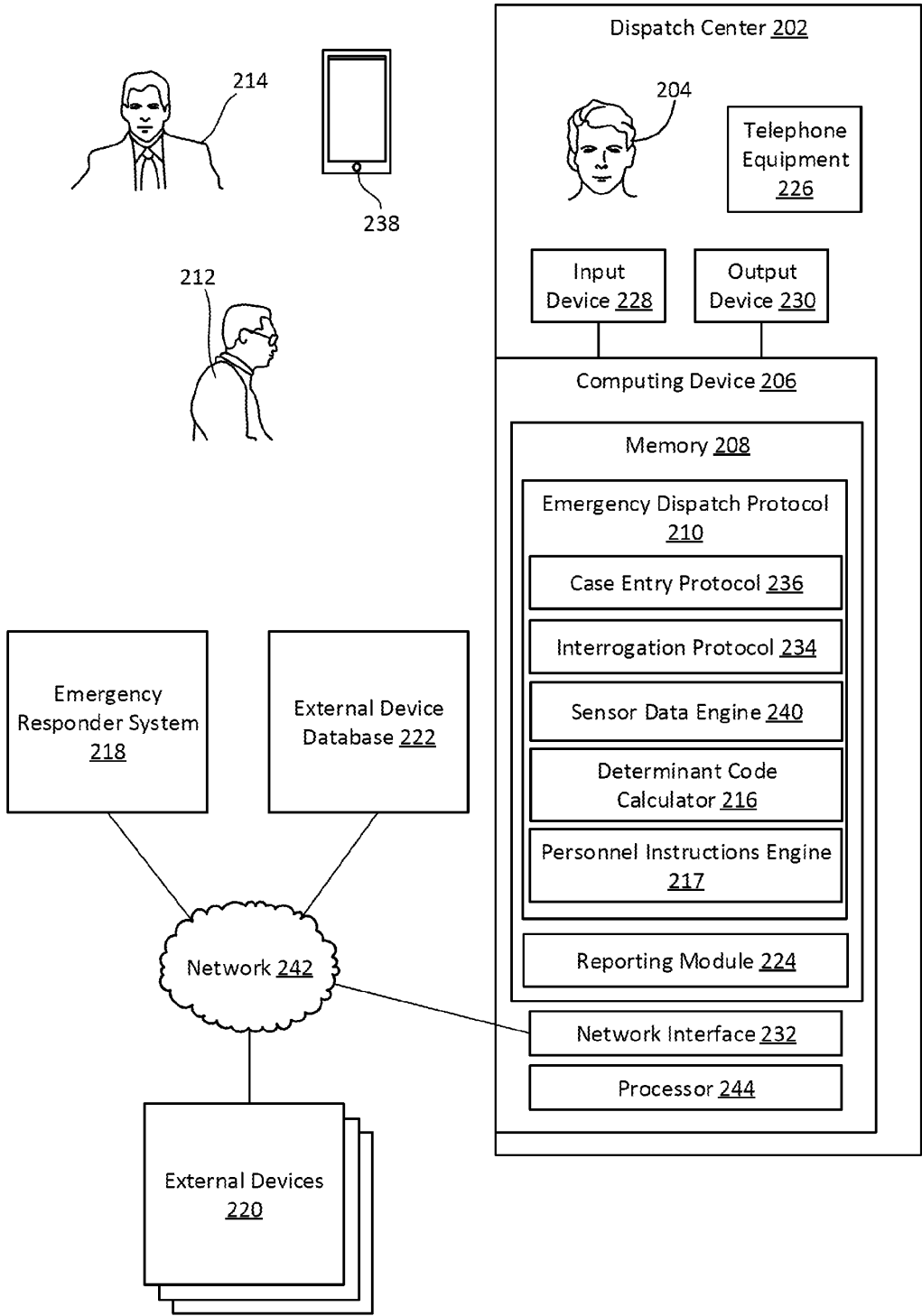


FIG. 2

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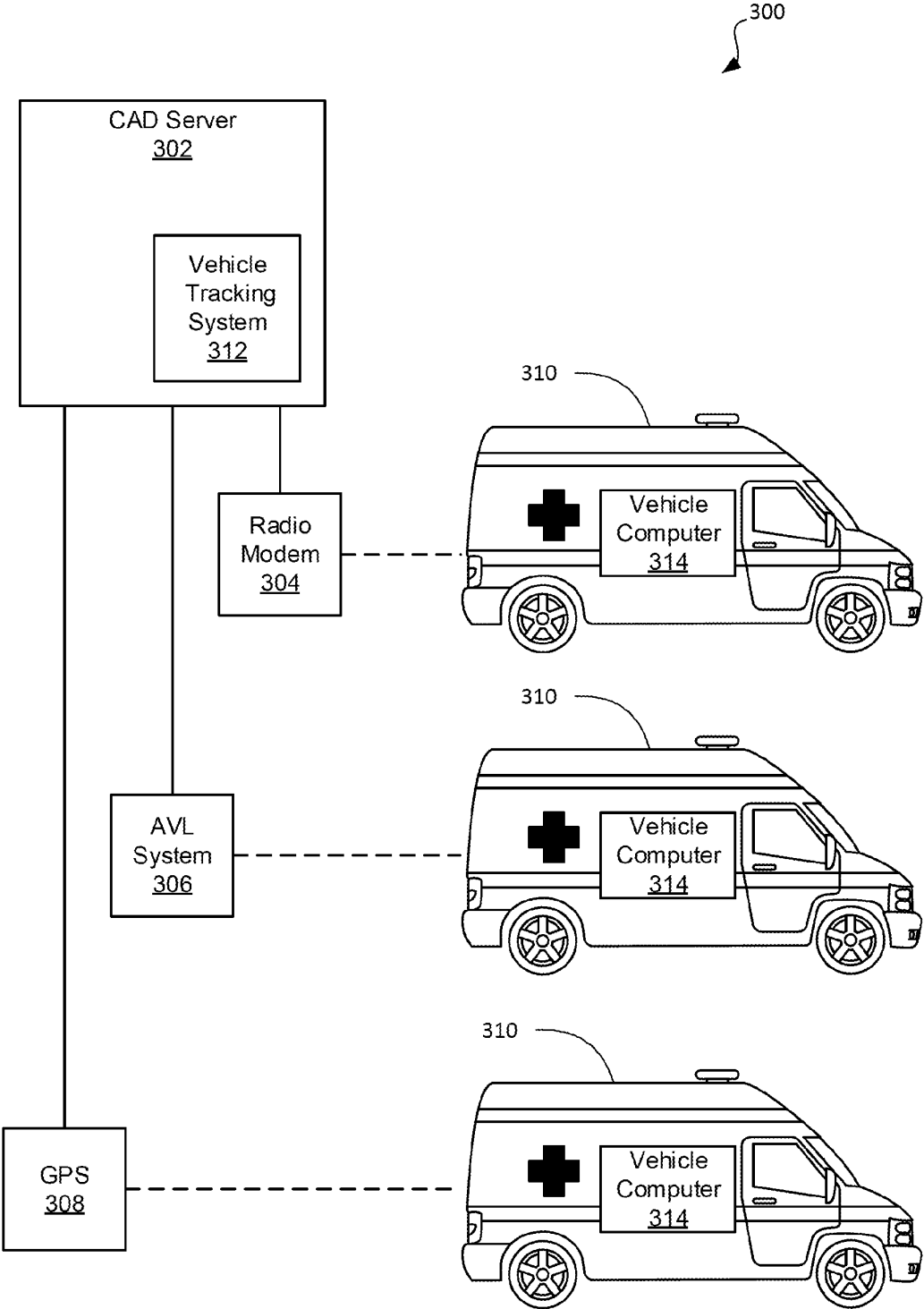


FIG. 3

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- 400

Paramount for Emergencies

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6:36

Case Entry Additional Information

Location is: [402](#)

Phone number is: [404](#)

Chief Complaint: [406](#)

Device Identifier: [408](#)

[410](#)

O: NAE
 C: NAE

FIG. 4

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Paramount for Emergencies

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4:00

Entry KQ PDI/CEI DLS Summary

Sensor Search 512

1. Describe the situation. 502

506 501

Question Answers Additional Information Problem Suffi

Injuries (TRAUMA)
Bleeding (TRAUMA)
MEDICAL
Bleeding (non-traumatic)
Traffic/Transportation incident
EXCITED DELIRIUM
Tasered
Unknown

POSSIBLY DANGEROUS Body Area

- Abdomen
- Amputation (excluding finger/toe)
- Back
- Chest (breathing normally)
- Genitalia
- Groin
- Head (alert) 504
- Hip/Pelvis
- Leg, upper
- Neck (breathing normally)

NOT DANGEROUS Body Area

- Ankle
- Arm, upper
- Collar bone (clavicle)
- Elbow
- Foot
- Forearm
- Hand
- Knee
- Leg, lower
- Shoulder
- Tailbone (coccyx)
- Toe
- Wrist

INEFFECTIVE BREATHING

The following, or reasonable equivalents, when volunteered at any point during case Entry (code as ECHO on 2,6,9,11,15,31):

- "Barely breathing"
- "Can't breathe at all"
- "Fighting for air"
- "Gasping for air" (AGONAL BREATHING)
- "Just a little" (AGONAL BREATHING)
- "Making funny noises" (AGONAL BREATHING)

O: NAE
C: NAE Person Collapsed

FIG. 5A

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500

Paramount for Emergencies

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19:37

Entry	KQ	PDI/CEI	DLS	Summary
Sensor Search 512				
2. Ø Type/location of injuries: 510 503 502 NOT DANGEROUS body area POSSIBLY DANGEROUS body area Chest Neck Head Fall (ground level) Minor hemorrhage Minor injuries Critical injuries				
1. The problem category is injuries (TRAUM)				
508				
O: NAE		Person Collapsed		
C: NAE				

FIG. 5B

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500

[illegible]

FIG. 5C

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Paramount for Emergencies

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24:07

Entry	KQ	PDI/CEI	DLS	Summary
Sensor Search 512				
4. Is he having any difficulty breathing? 502 507 No Yes Unknown				
Question Answers	Additional Information	Problem Suffixes	Determinants w/ Suffixes	Det. Codes
1. The problem category is injuries (TRAUMA). 2. An information provider reports an injury to a POSSIBLY DANGEROUS body area. 3. An information provider reports he is completely alert (responding appropriately). 508				
O: NAE C: NAE		Person Collapsed		

FIG. 5D

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500

Paramount for Emergencies				
File View Spec Logs Options Go to Language Tabs Version About ProQA				
24:41				
Entry	KQ	PDI/CEI	DLS	Summary
Sensor Search 512				
5. Is there any SERIOUS bleeding (spurting or pouring)? 509		502 ☐ No bleeding now ☒ Yes, SERIOUS ☐ Unknown ☐ Bleeding, not serious		
Question Answers	Additional Information	Problem Suffixes	Determinants w/ Suffixes	Det. Codes
1. The problem category is injuries (TRAUMA). 2. An information provider reports an injury to a POSSIBLY DANGEROUS body area. 3. An information provider reports he is completely alert (responding appropriately). 4. He is having difficulty breathing.				
508				
		O: NAE C: NAE	Person Collapsed	

FIG. 5E

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~ 600

Paramount for Emergencies

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24:41

Location: 123 Cherry Tree Lane, Chicago, IL 55555 602

Name/User ID: 606

Search Results

626	628	630	632	608
Sentinel EA-RG7532	img/vid/mic	3b38:19d3:c4ff:e77e:39f5:eb5e:afb7:9f47	0.1 mi	
AccuStorm 5001 v.5	temp/bar/hum	c3:3537:ff92:bba1:855b:4587:8195:1b8a	0.5 mi	

624

610

Sensor Readings

Sentinel EA-RG7532 reports:

- Impact Detected
- Noise level at 98 decibels

634

612

Add Selected to Collection: 614

Collected Results

- Impact Detected

634

616

Chief Complaint Likelihood

LIKELY

618

Determinant Code

B-2

620

Use Data and Return: 622

O: NAE
C: NAE

Person Collapsed

636

FIG. 6A

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~ 600

Paramount for Emergencies

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+ X [Clock] [Moon] [Document] [Target] [Up/Down] [Lightbulb] [X] [Radioactive] [Gears] [V] [Headset] [Question] [Heart] [Download] [Hand] [Refresh] [Circle] [Person]

24:41

Location: 123 Cherry Tree Lane, Chicago IL 55555 602

Name/User ID: D.Jones 5487 606

Daves_VitalWatch pul/btemp/breath/acc/user 36d4:9630:17bd:2972:849:e4dc:6713:b885 0.0 m
DJones_yPhone vid/mic/acc/user c708:42e9:3b31:79c2:63ad:b05c:ffb6:82ea 0.0 m

Daves_VitalWatch reports:

- 0 breaths per minute
- Sudden drop .76 minutes ago
- Pulse at 22 BPM

- IMPACT DETECTED
- 0 breaths per minute

HIGHLY LIKELY

A-1

- Name: Daniel Jones
- Allergies: None
- Diabetic

☒ Include Personal Info?

Use Data and Return:

O: NAE
C: NAE Person Collapsed

Search Results

Sensor Readings

Collected Results

Likelihood

Determinant Chief Complaint

Code

Personal Information

604

608

640

642

644

646

638

610

612

614

616

618

620

650

622

636

FIG. 6B

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- 600

Paramount for Emergencies			
File View Spec Logs Options Go to Language Tabs Version About ProQA			
24:41 604			
Location: 123 Cherry Tree Lane, Chicago, IL 55555 602			
Name/User ID: 606			
Search Results	626	624	628
	Sentinel EA-RG7532	img/vid/mic	3b38:19d3:c4ff:e77e:39f5:eb5e:afb7:9f47
	AccuStorm 5001 v.5	temp/bar/hum	c3:3537:ff92:bba1:855b:4587:8195:1b8a
	SentryCam 6903RY	aud	4864:420d:764d:296c:cee1:9877:aaa5:ff35
654			610
Sensor Readings	634		
	Sentinel EA-RG7532 reports:		
	○ Impact Detected		
	SentryCam 6903RY reports:		
○ Impact Detected			612
656			612
Add Selected to Collection: ⊖ 614			
Collected Results	○ Impact Detected		
	658		
			616
Chief Complaint Likelihood	HIGHLY LIKELY		
	618		
Determinant Code	A-1		
	620		
Use Data and Return: ⊕ 622			
		O: NAE C: NAE	Person Collapsed 636

FIG. 6C

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- 680

Paramount for Emergencies			
File View Spec Logs Options Go to Language Tabs Version About ProQA			
24:41			
Location:		123 Cherry Tree Lane, Chicago IL 55555 602	
Name/User ID:		D.Jones 5487 606	
Search Results	Daves_VitalWatch pul/btemp/breath/acc/user 36d4:9630:17bd:2972:849:e4dc:6713:b885 0.0 m Sentinel EA-RG7532 lmg/vid/mic 3b38:19d3:c4ff:eTle:39f5:eb5e... 0.1 m		
	610		
Sensor Readings	Daves_VitalWatch reports: 0 breaths per minute - Sudden drop .76 minutes ago - Pulse at 22 BPM Sentinel EA-RG7532 reports: Impact Detected		
	612		
Collected Results	- IMPACT DETECTED 0 breaths per minute - Sudden Drop .76 minutes ago - Pulse at 22 BPM		
	616		
Chief Complaint Likelihood	HIGHLY LIKELY		
	618		
Determinant Code	A-1		
	620		
Personal Information	- Name: Daniel Jones - Allergies: None - Diabetic		
	650		
		O: NAE C: NAE	Person Collapsed 636

FIG. 6D

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- 700

706

Paramount for Emergencies					
File View Spec Logs Options Go to Language Tabs Version About ProQA					
27:05					
Entry	KQ				
PDI/CEI	DLS				
Summary					
Send: 38-D-2					
Chief Complaint: Person Collapsed 710					
KQ Answers	1. The problem category is injuries (TRAUMA). 2. An caller reports an injury to a POSSIBLY DANGEROUS body area. 3. An caller reports he is completely alert (responding appropriately). 4. He is having difficulty breathing. 5. There is no bleeding now. 702				
Sensor Data	○ 33 people in area ○ 0 breaths per minute 704				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Determinants</th> <th style="width: 30%; padding: 5px;">Responses (user-defined)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"> 3 Seizure 4 STROKE 5 Serious illness 6 Unknown status (MEDICAL) D 0 Override 1 Reported EXCITED DELIRIUM 2 HIGH VELOCITY impact 3 Critical injuries 4 Multiple victims 5 Unconscious 6 Not alert 7 Difficulty breathing </td> <td style="padding: 5px; vertical-align: bottom;"> 708 Delta </td> </tr> </tbody> </table>		Determinants	Responses (user-defined)	3 Seizure 4 STROKE 5 Serious illness 6 Unknown status (MEDICAL) D 0 Override 1 Reported EXCITED DELIRIUM 2 HIGH VELOCITY impact 3 Critical injuries 4 Multiple victims 5 Unconscious 6 Not alert 7 Difficulty breathing	708 Delta
Determinants	Responses (user-defined)				
3 Seizure 4 STROKE 5 Serious illness 6 Unknown status (MEDICAL) D 0 Override 1 Reported EXCITED DELIRIUM 2 HIGH VELOCITY impact 3 Critical injuries 4 Multiple victims 5 Unconscious 6 Not alert 7 Difficulty breathing	708 Delta				
O: NAE C: NAE	Person Collapsed				

FIG. 7

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800

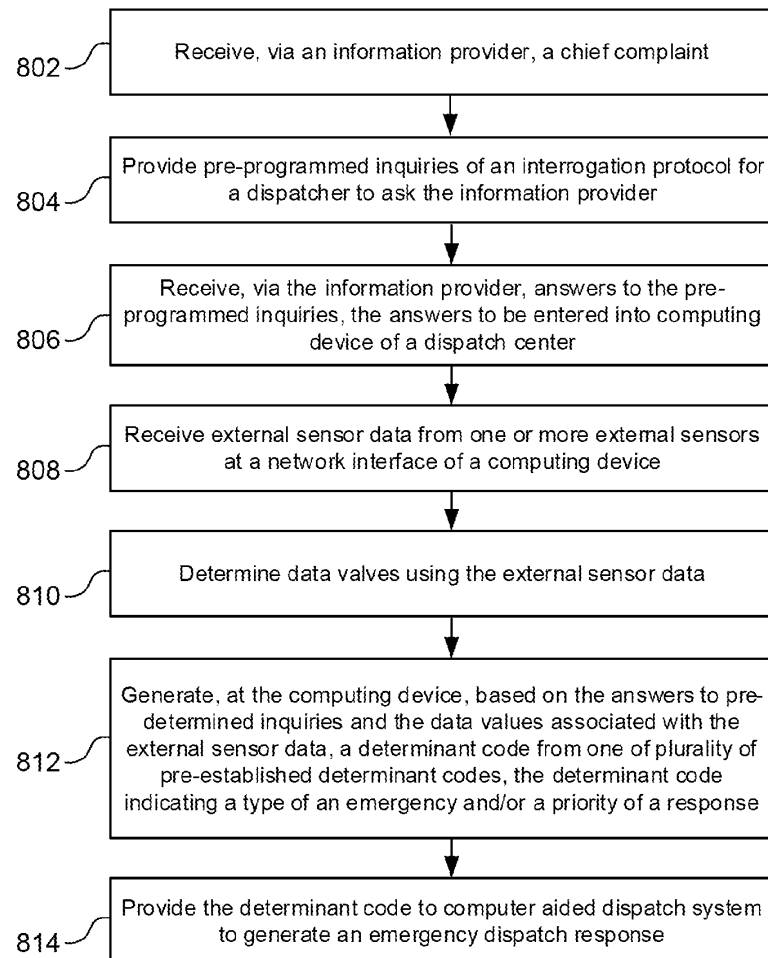


FIG. 8

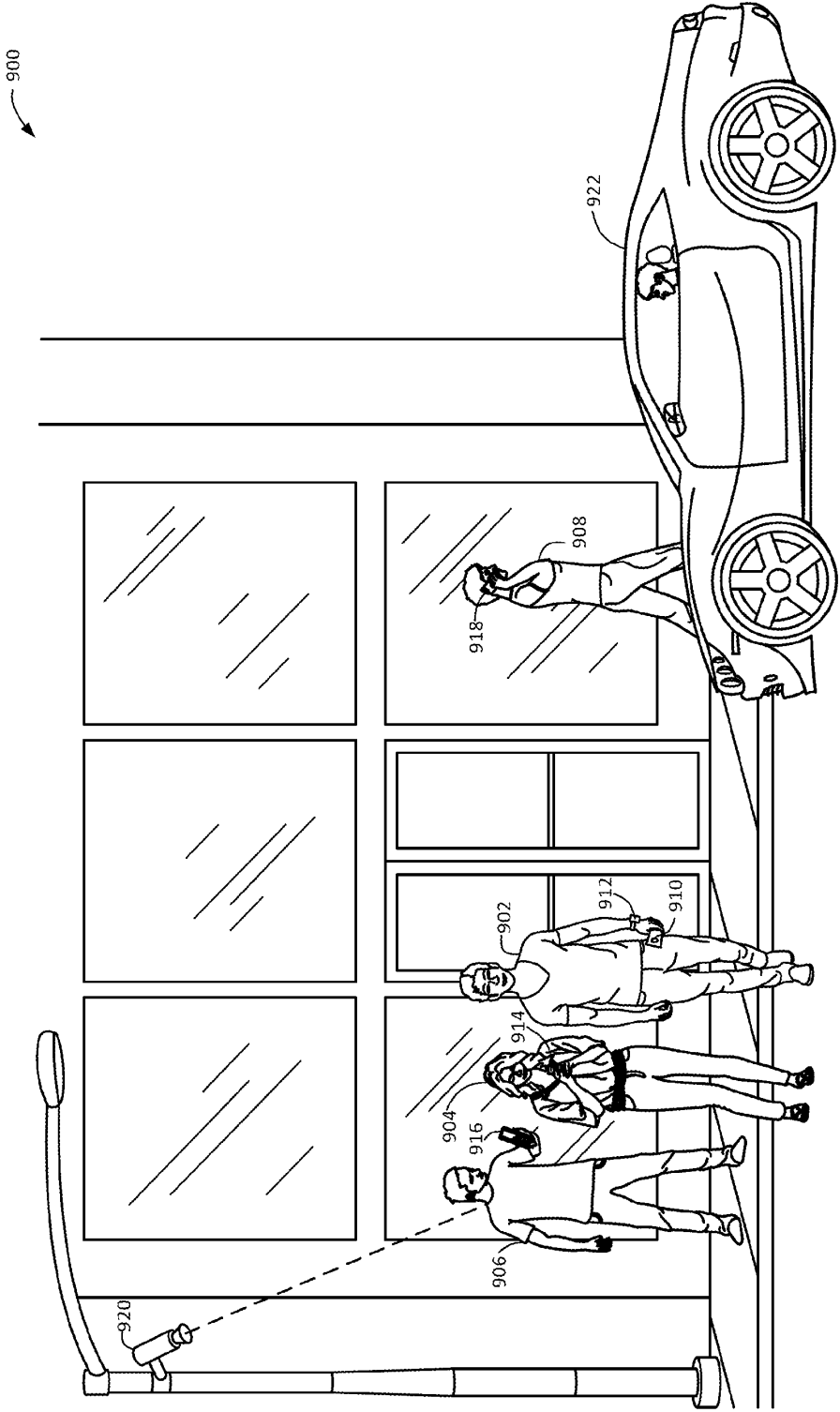


FIG. 9A

900

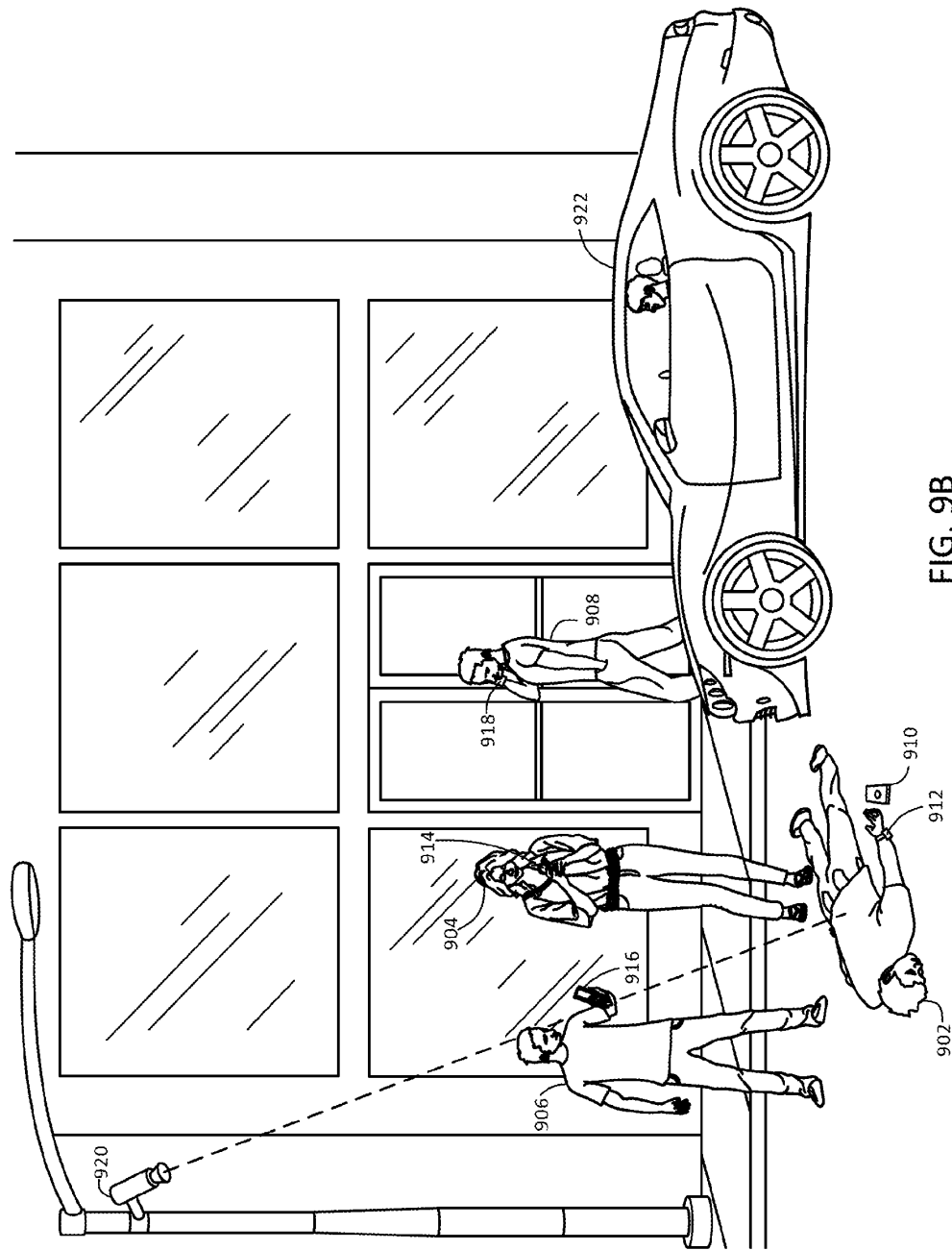


FIG. 9B

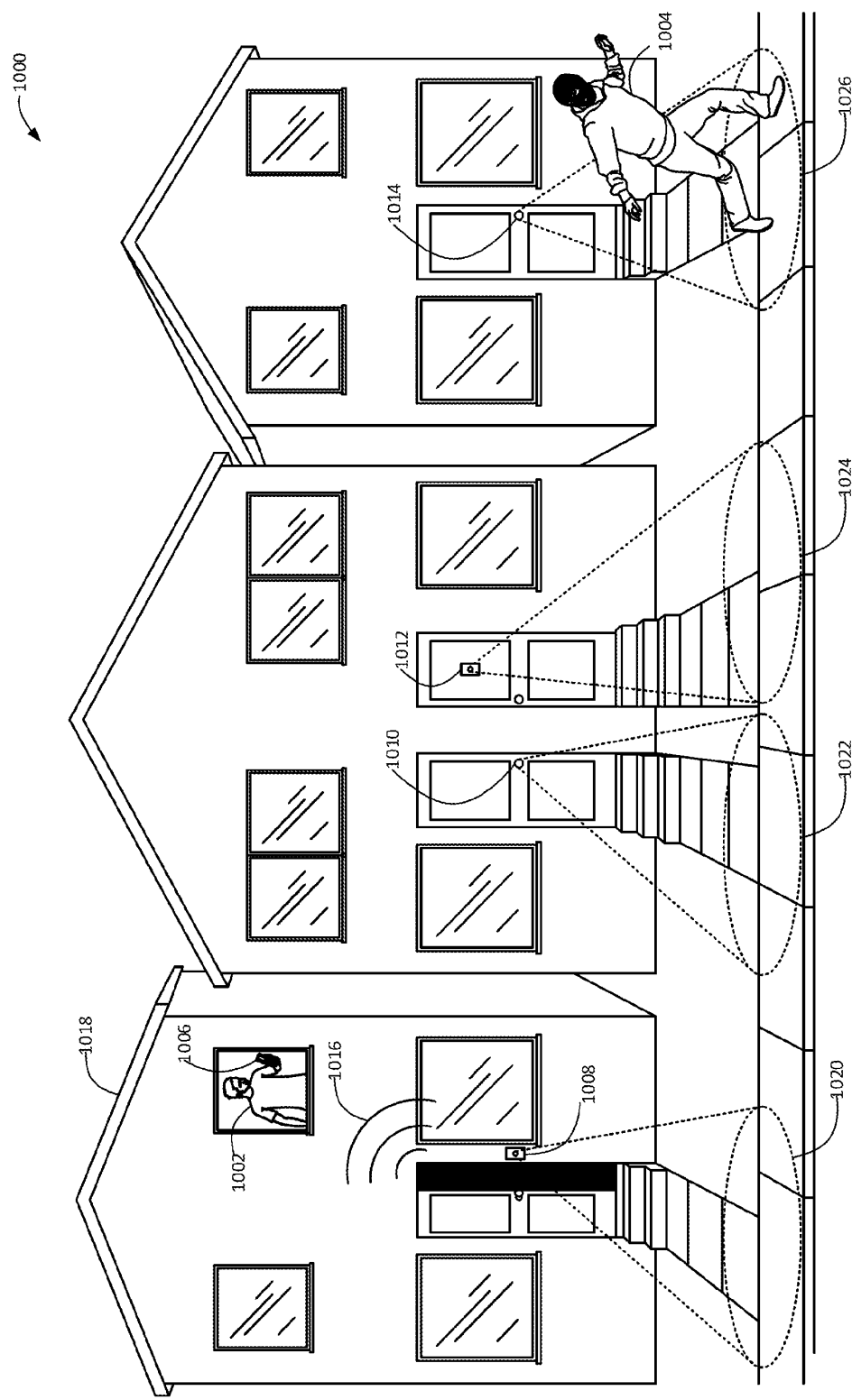


FIG. 10

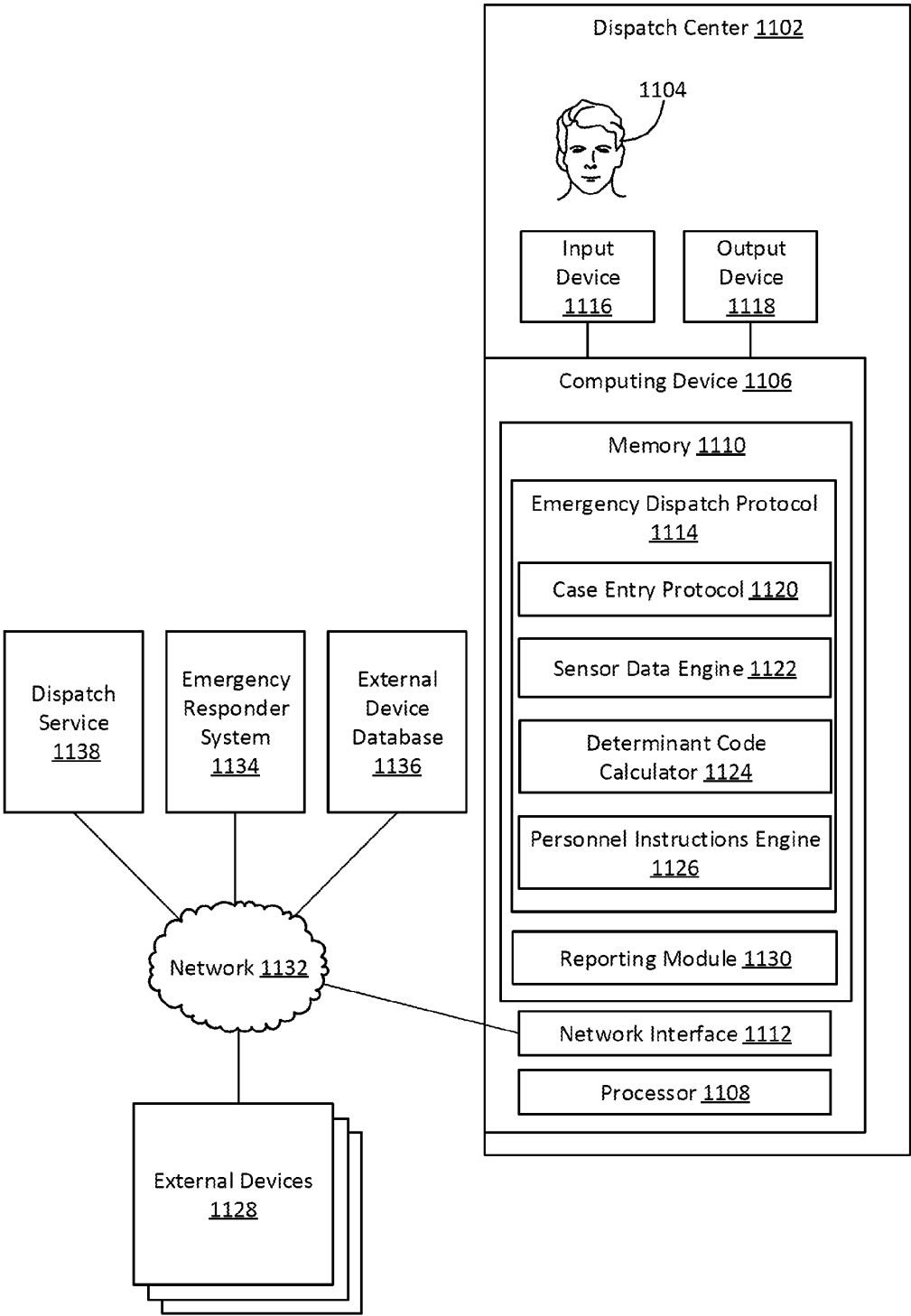


FIG. 11

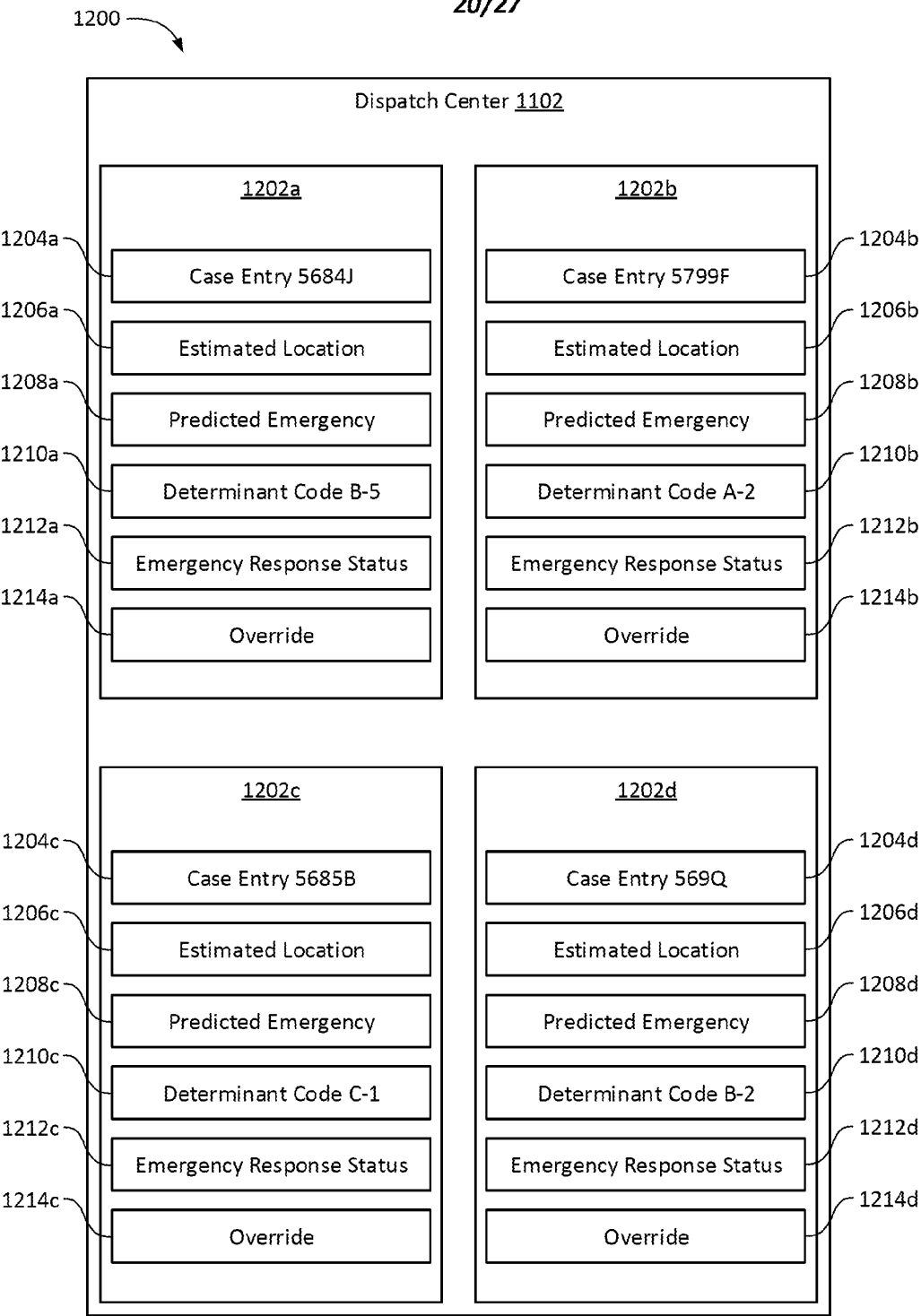


FIG. 12

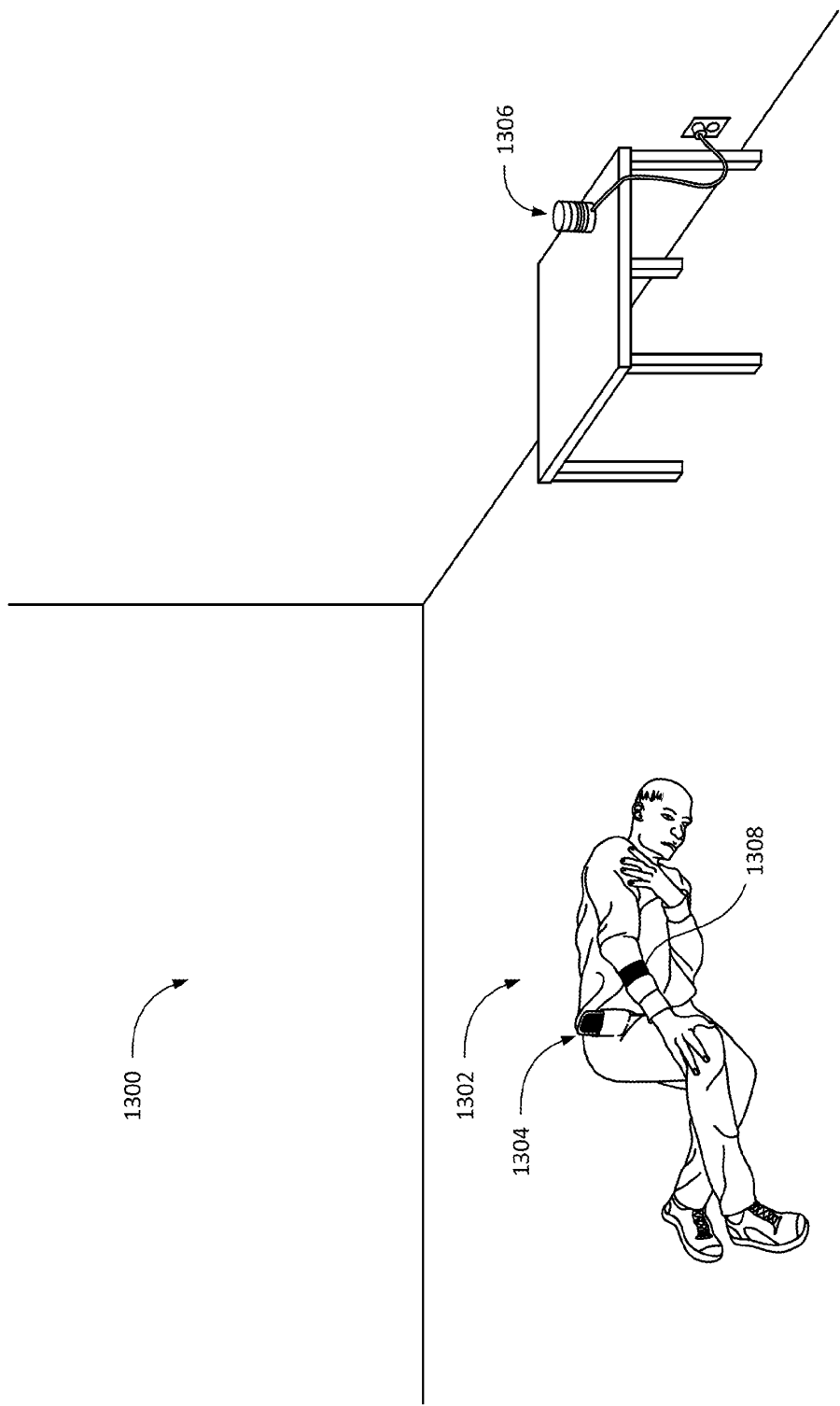


FIG. 13

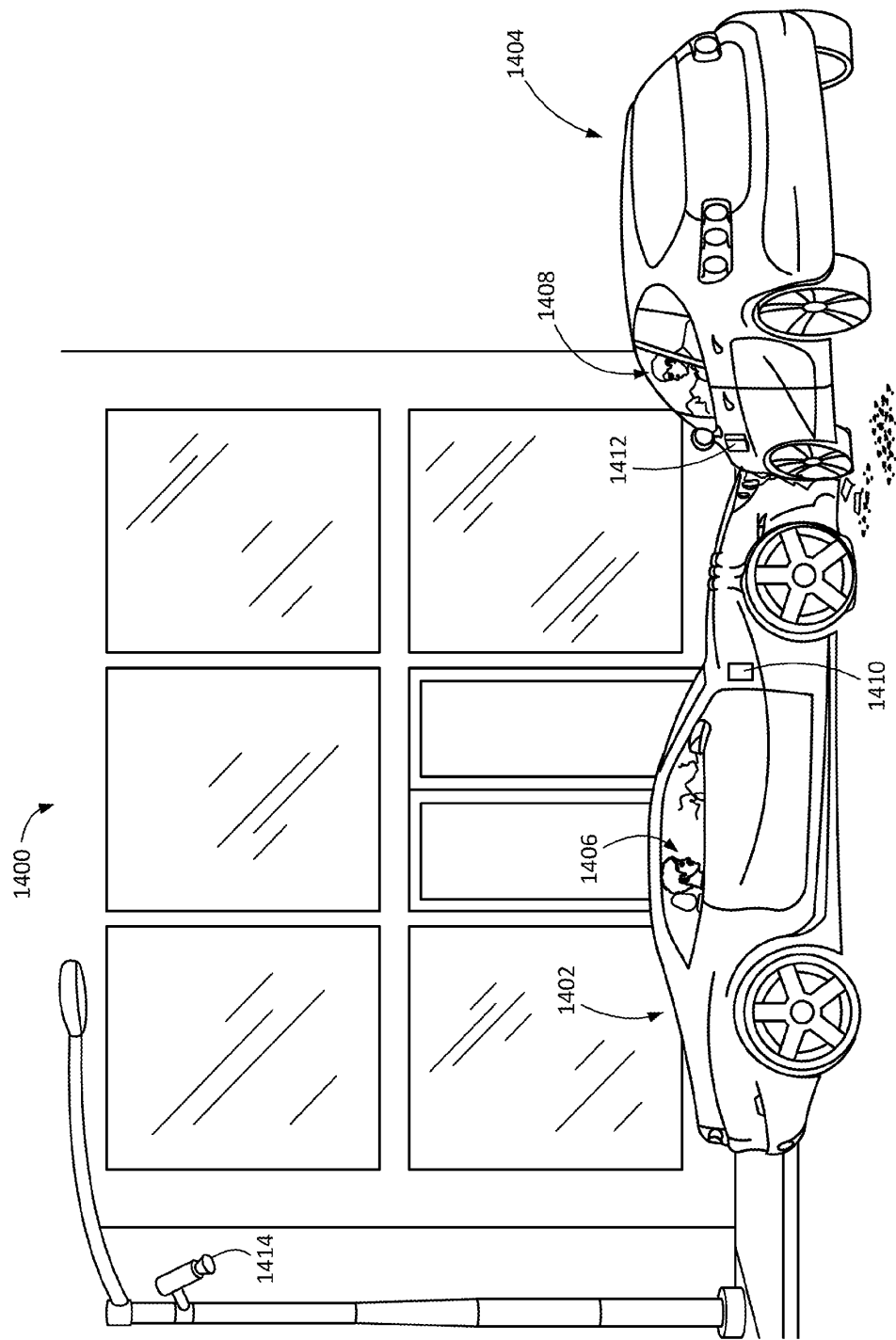


FIG. 14

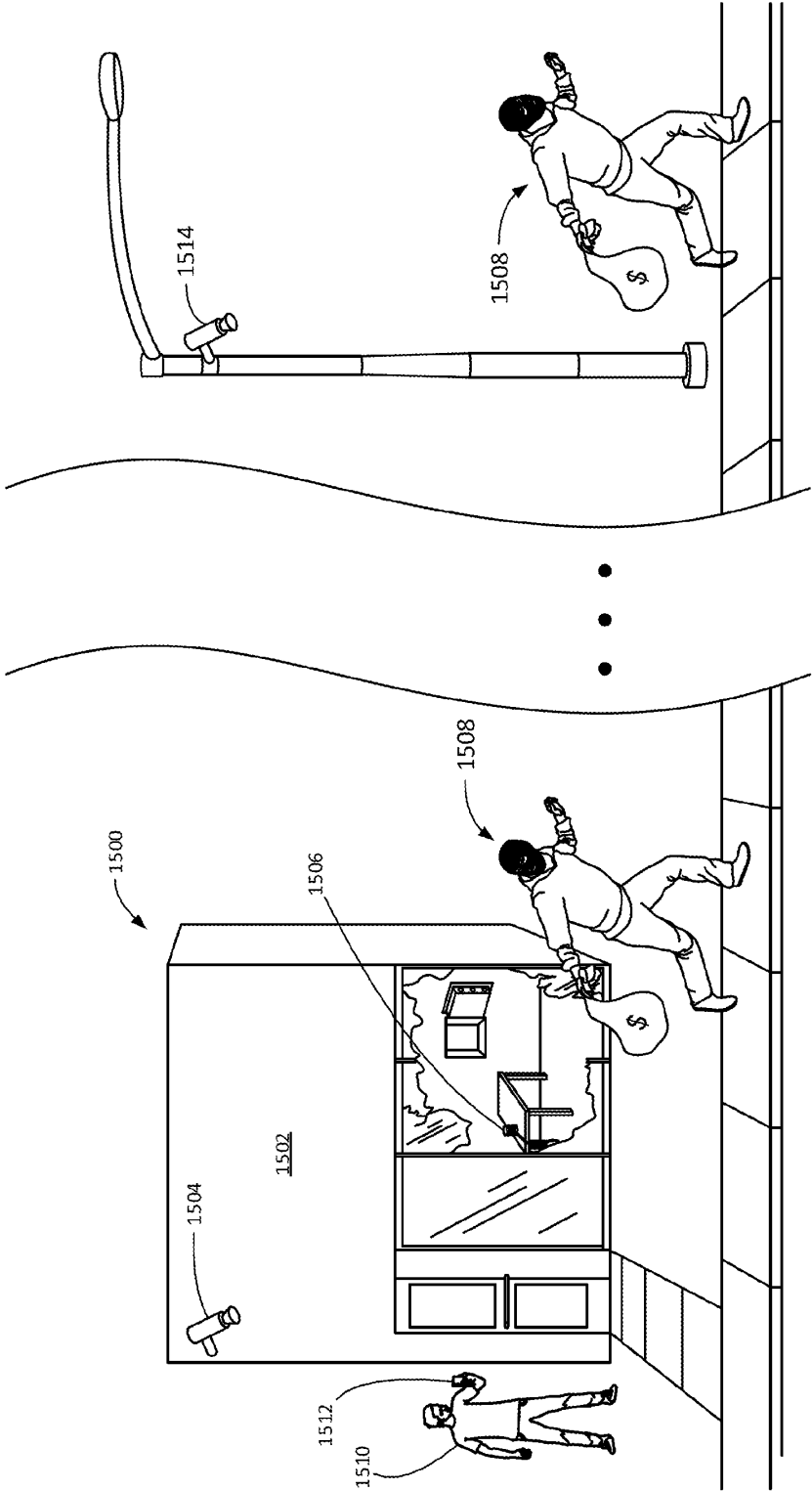


FIG. 15

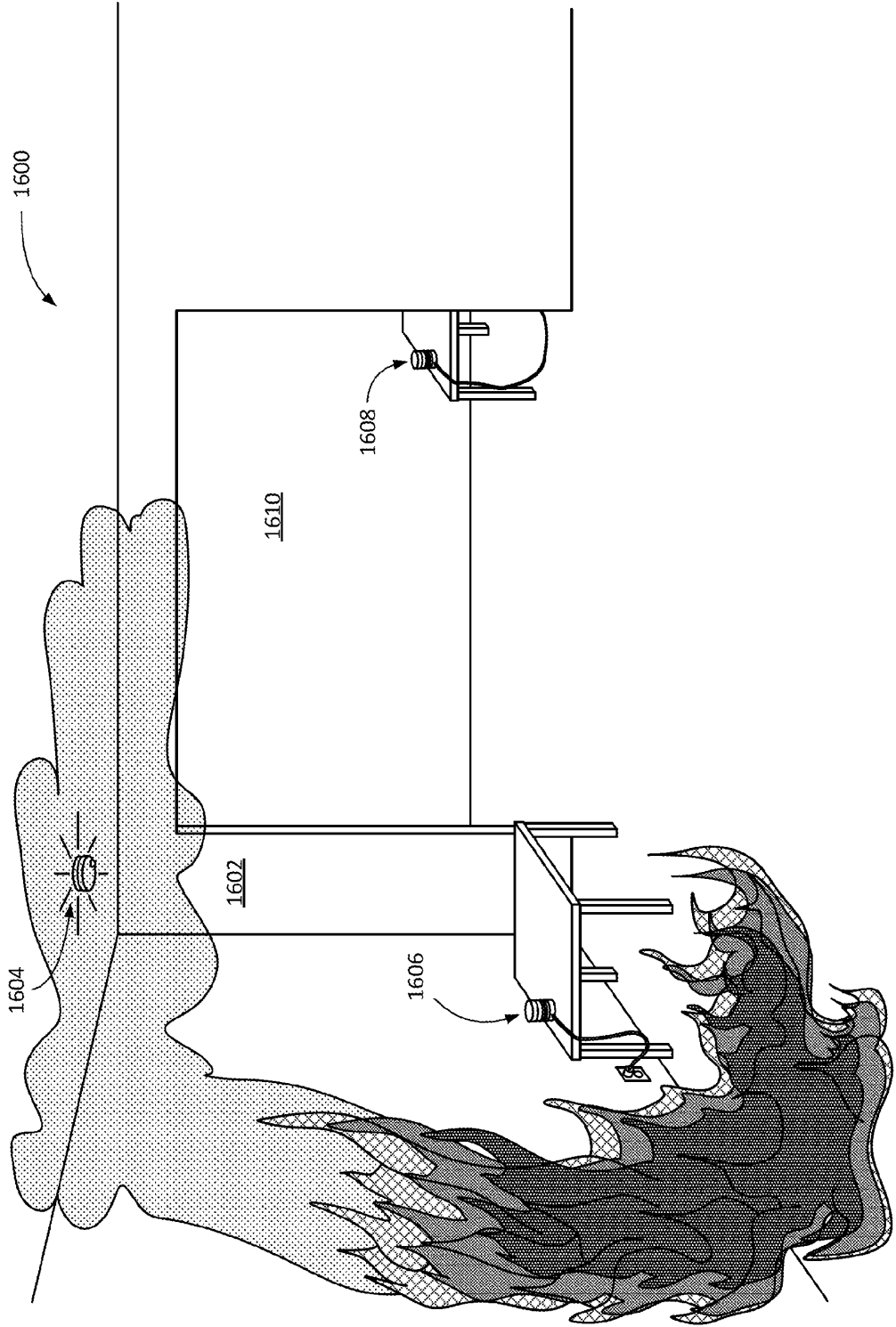


FIG. 16

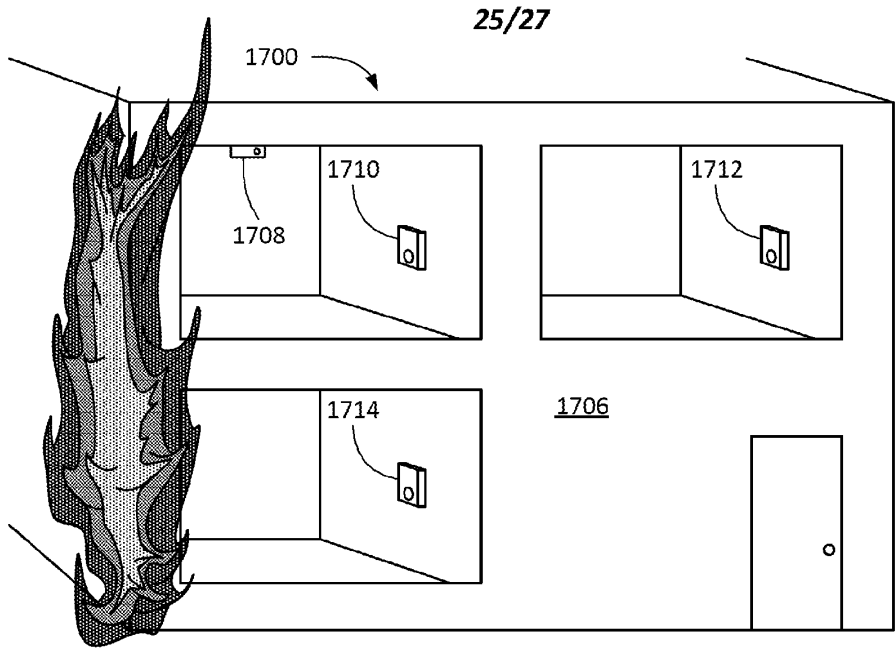


FIG. 17A

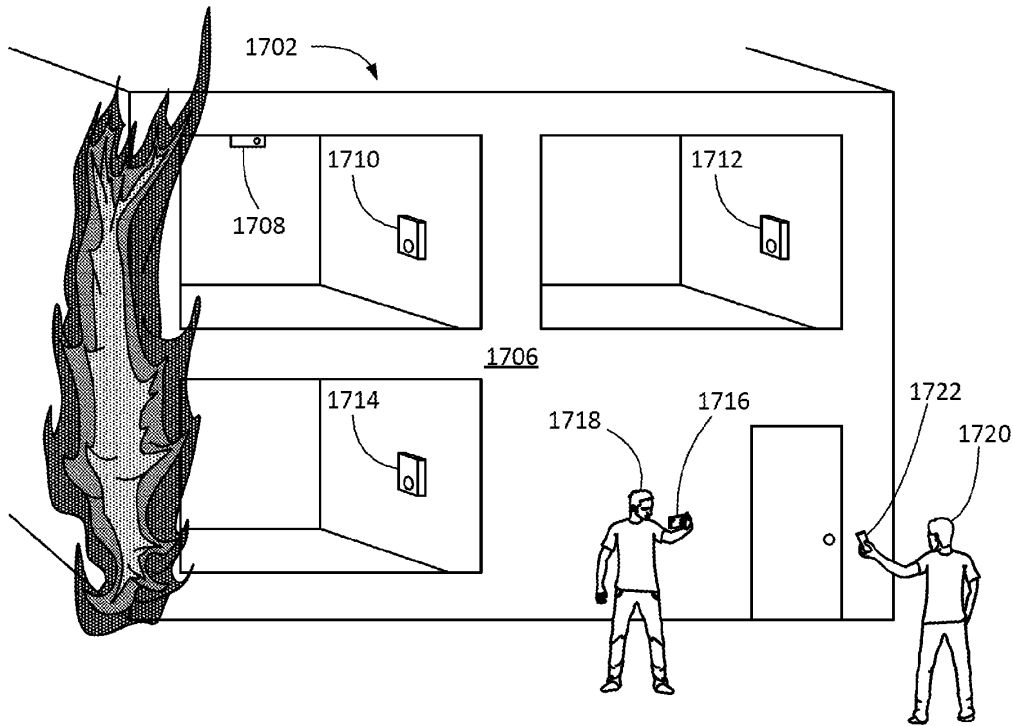


FIG. 17B

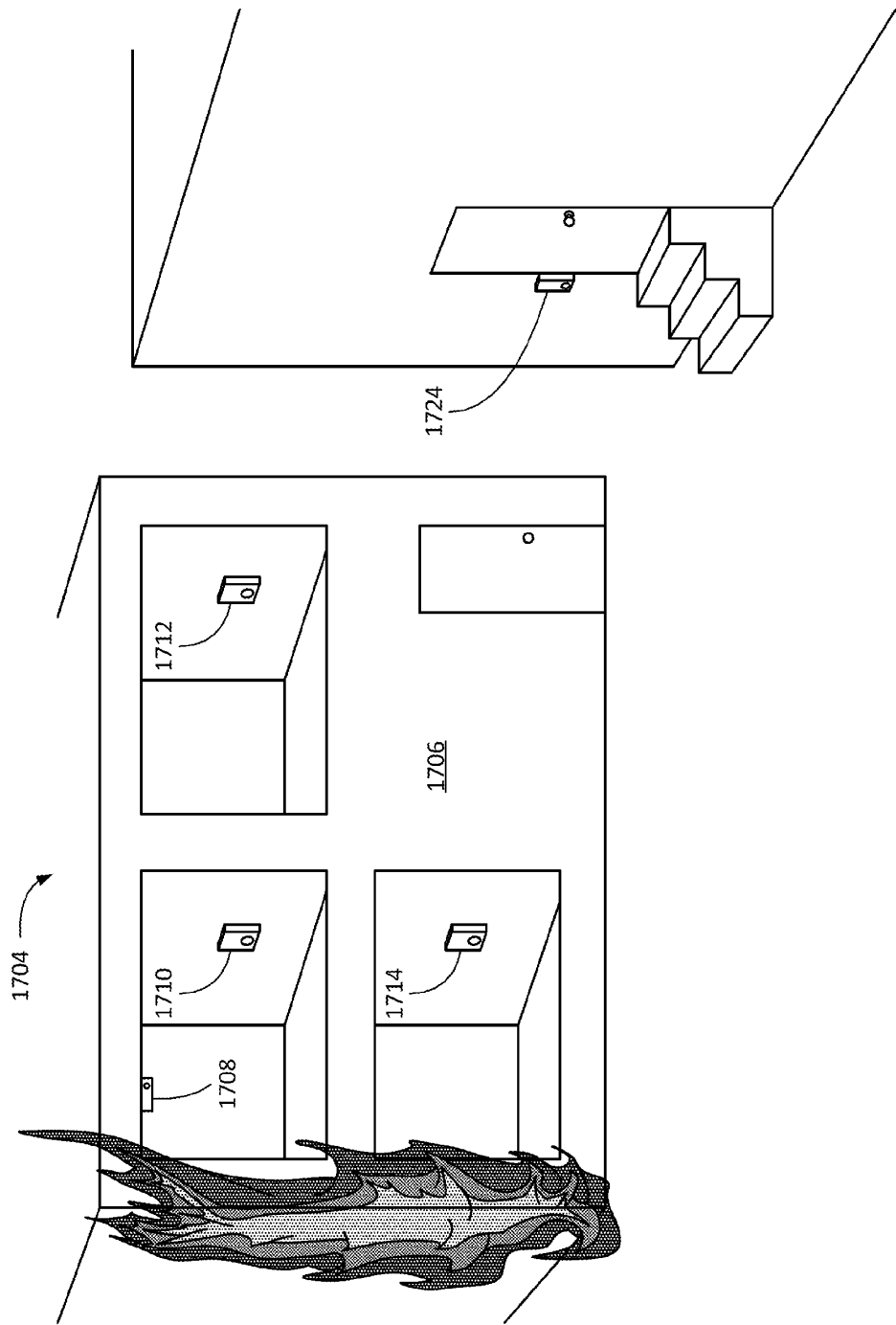


FIG. 17C

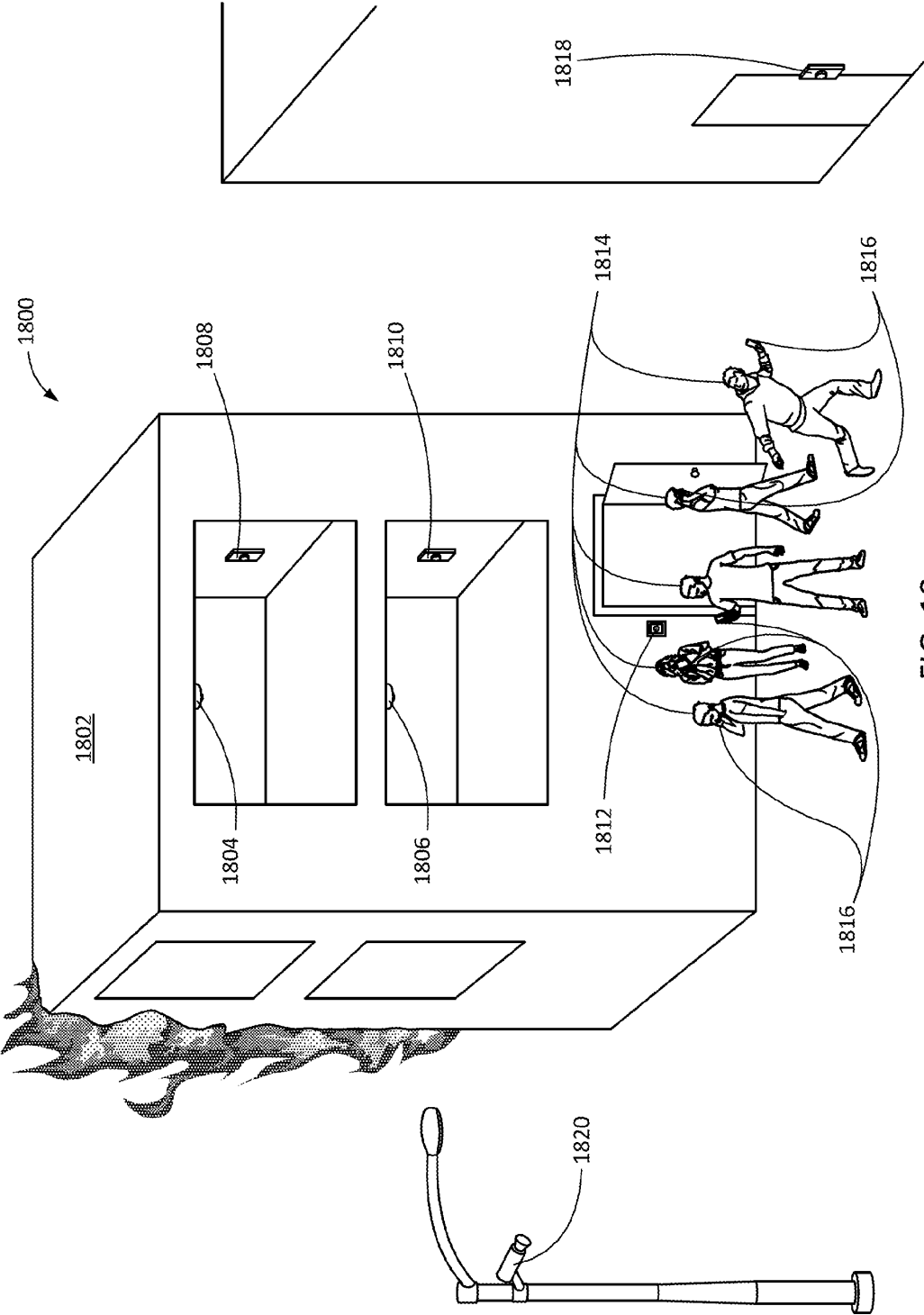


FIG. 18