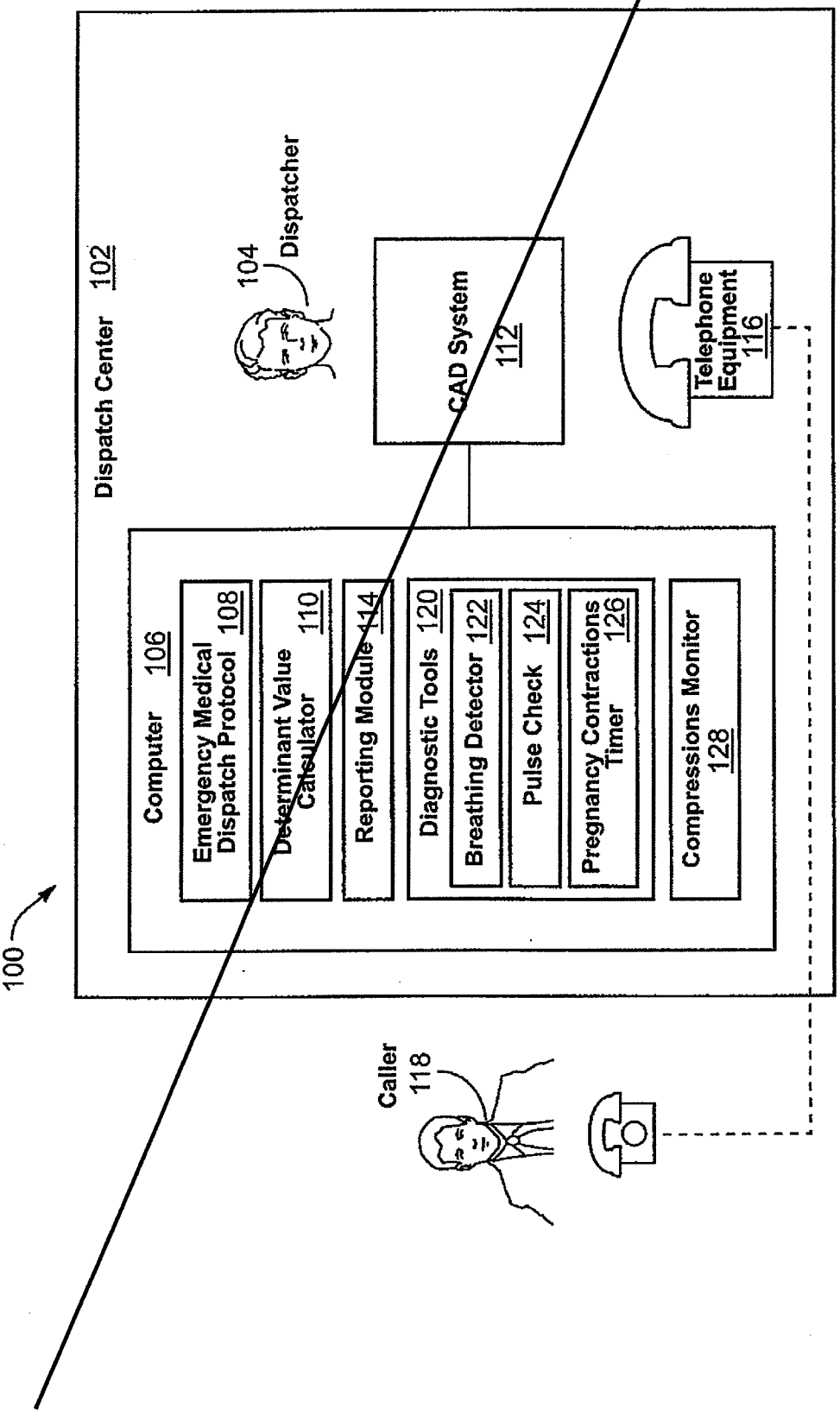

100
Dispatch Center 102
Computer 106
Emergency Medical Dispatch Protocol 108
Determinant Value Calculator 110
Reporting Module 114
Diagnostic Tools 120
Breathing Detector 122
Pulse Check 124
Pregnancy Contractions Timer 126
Compressions Monitor 128
104 Dispatcher
CAD System 112
Telephone Equipment 116
Caller 118

FIG. 1

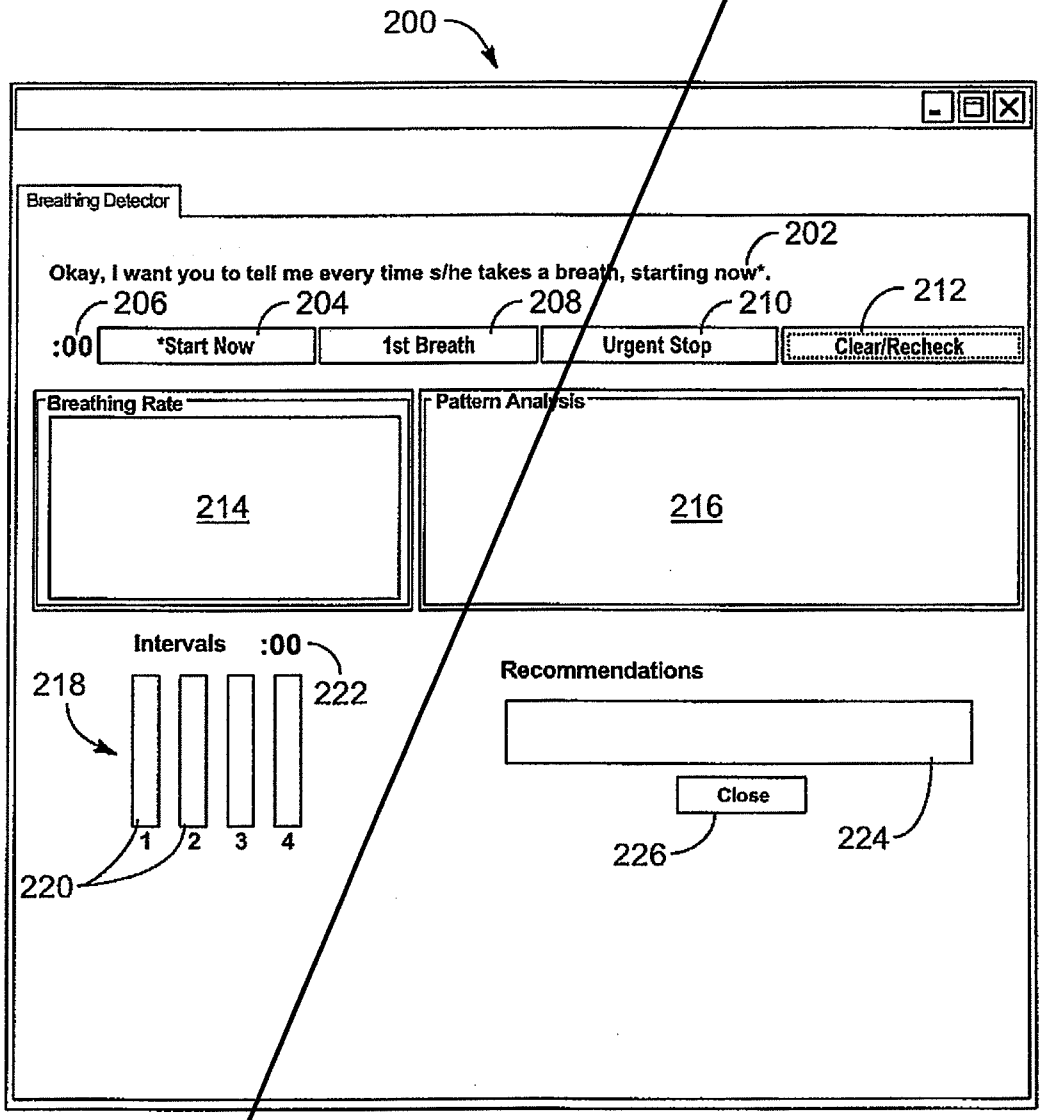

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:00
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
214
Pattern Analysis
216
Intervals
:00
218
222
Recommendations
Close
1
2
3
4
220
226
224

FIG. 2A

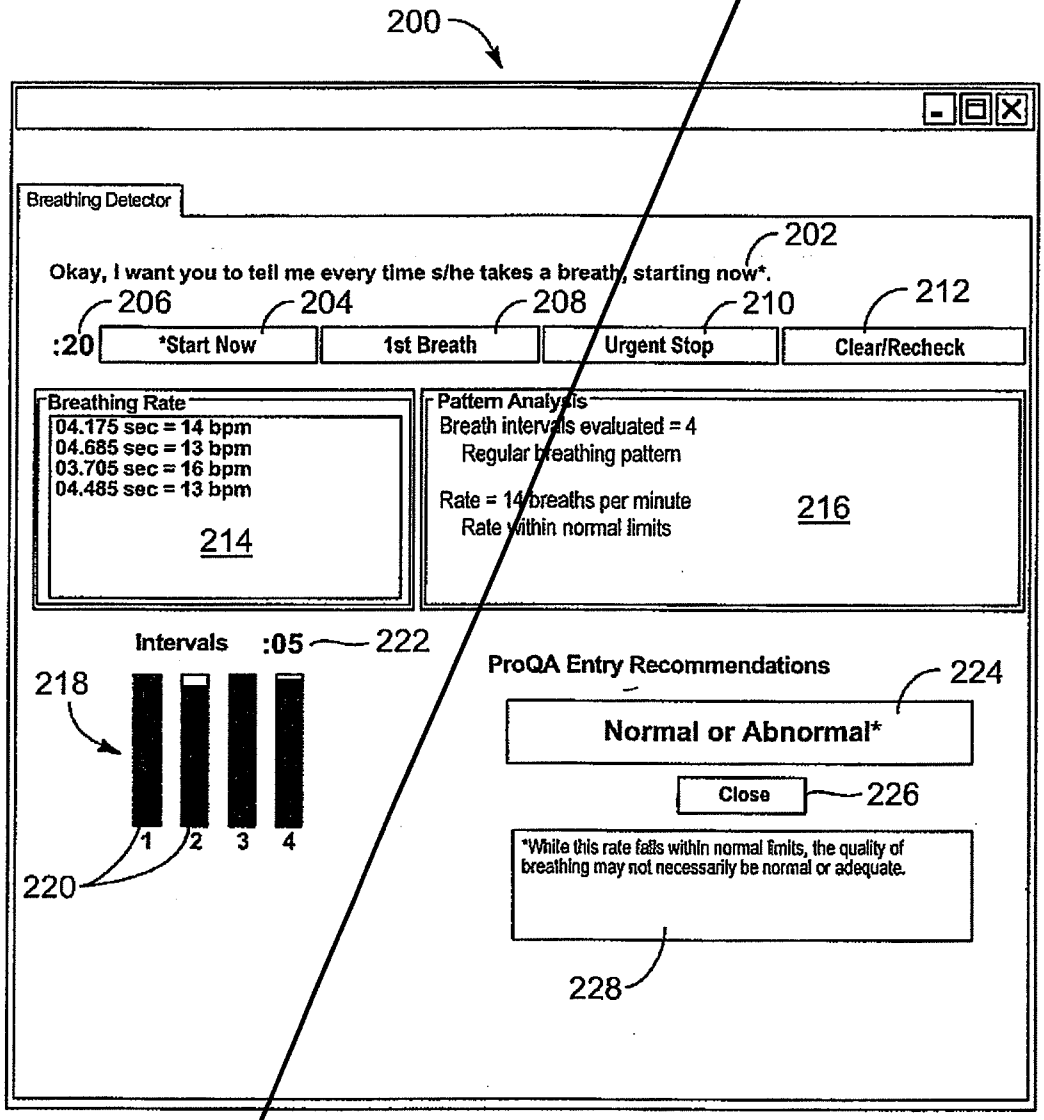

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:20
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
04.175 sec = 14 bpm
04.685 sec = 13 bpm
03.705 sec = 16 bpm
04.485 sec = 13 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Regular breathing pattern
Rate = 14 breaths per minute
Rate within normal limits
216
Intervals :05
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Normal or Abnormal*
Close
226
*While this rate falls within normal limits, the quality of breathing may not necessarily be normal or adequate.
228

FIG. 2B

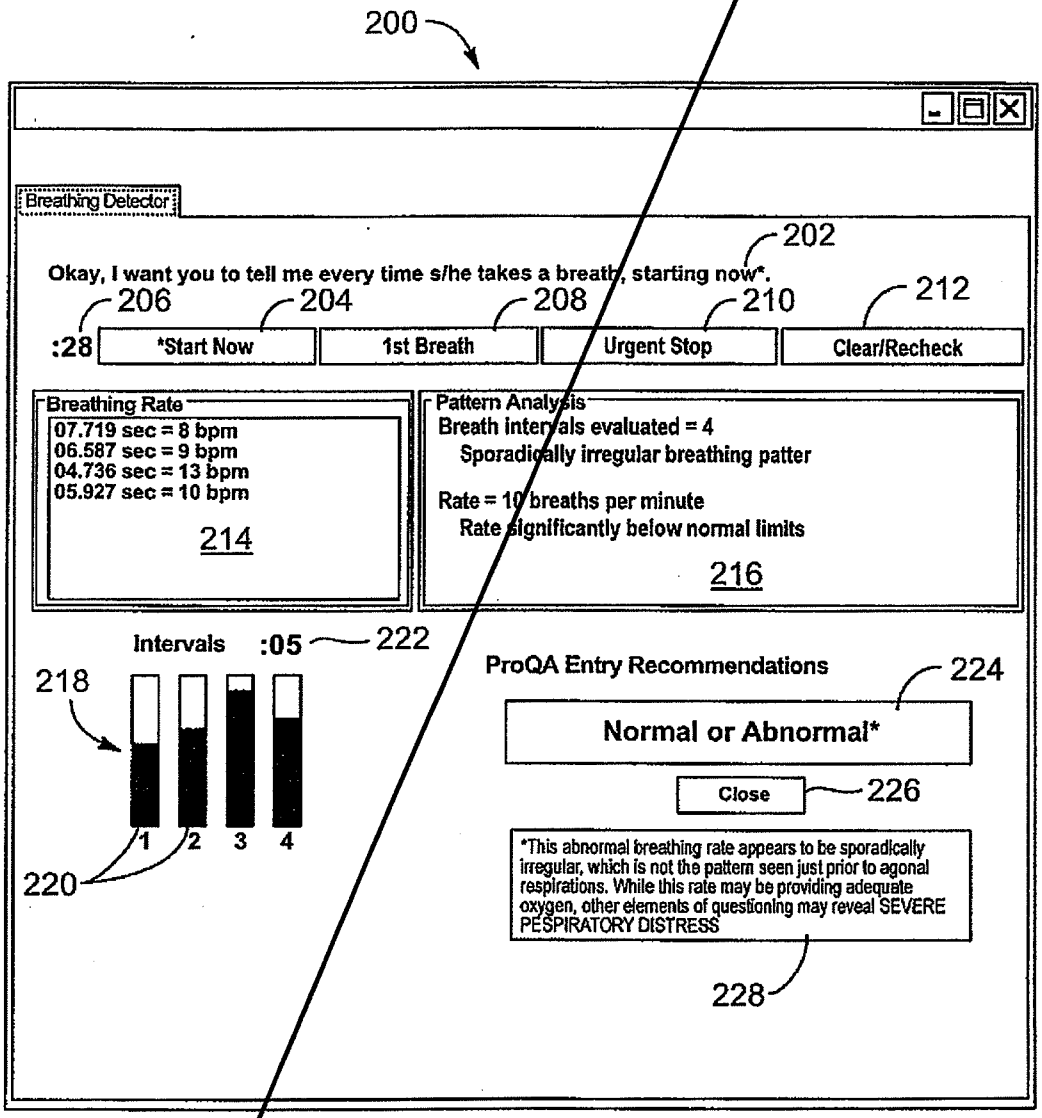

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:28
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
07.719 sec = 8 bpm
06.587 sec = 9 bpm
04.736 sec = 13 bpm
05.927 sec = 10 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Sporadically irregular breathing patter
Rate = 10 breaths per minute
Rate significantly below normal limits
216
Intervals :05
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Normal or Abnormal*
Close
226
*This abnormal breathing rate appears to be sporadically irregular, which is not the pattern seen just prior to agonal respirations. While this rate may be providing adequate oxygen, other elements of questioning may reveal SEVERE RESPIRATORY DISTRESS
228

FIG. 2C

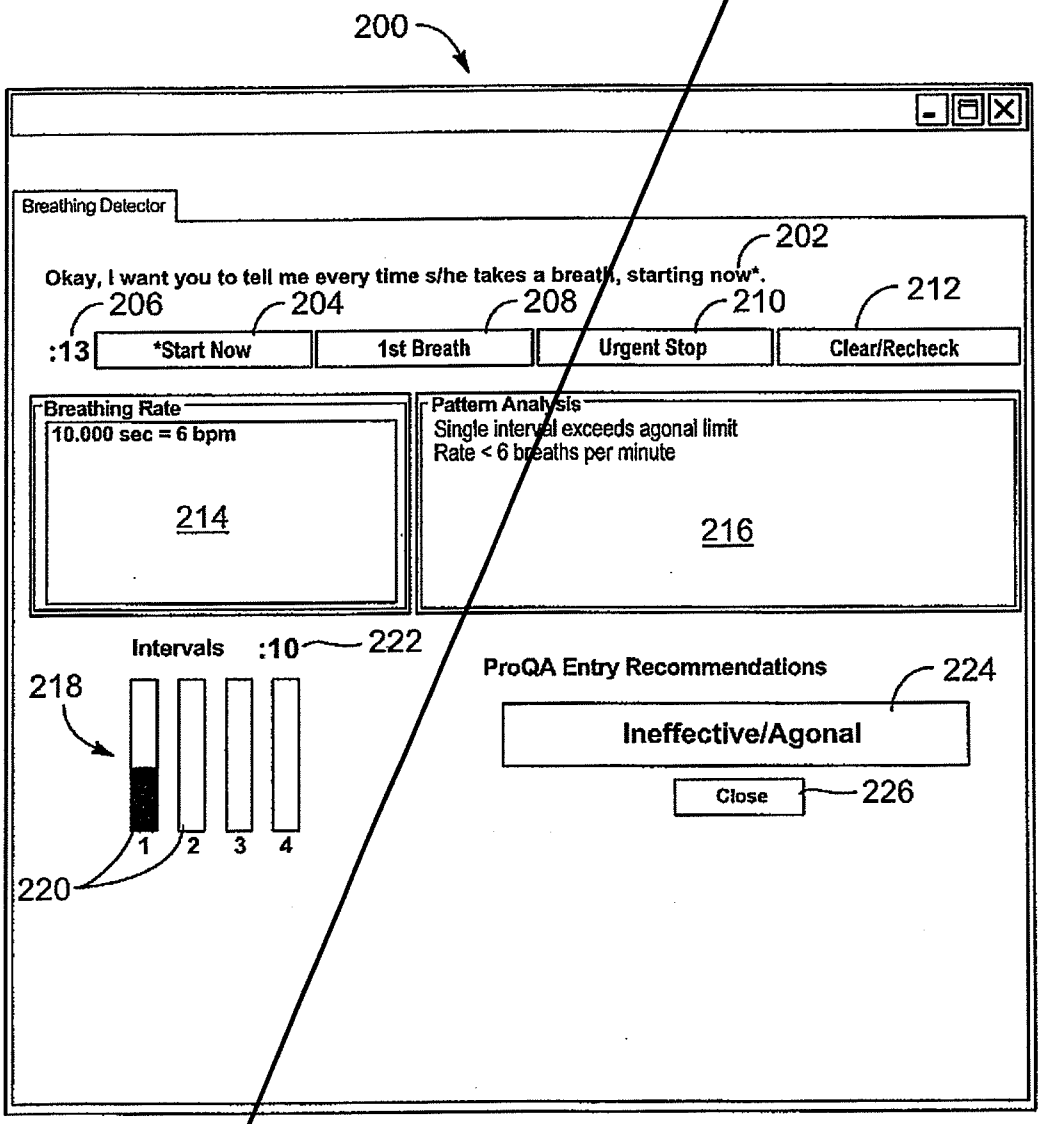

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:13
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
10.000 sec = 6 bpm
214
Pattern Analysis
Single interval exceeds agonal limit
Rate < 6 breaths per minute
216
Intervals
:10
222
218
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226
1
2
3
4
220

FIG. 2D

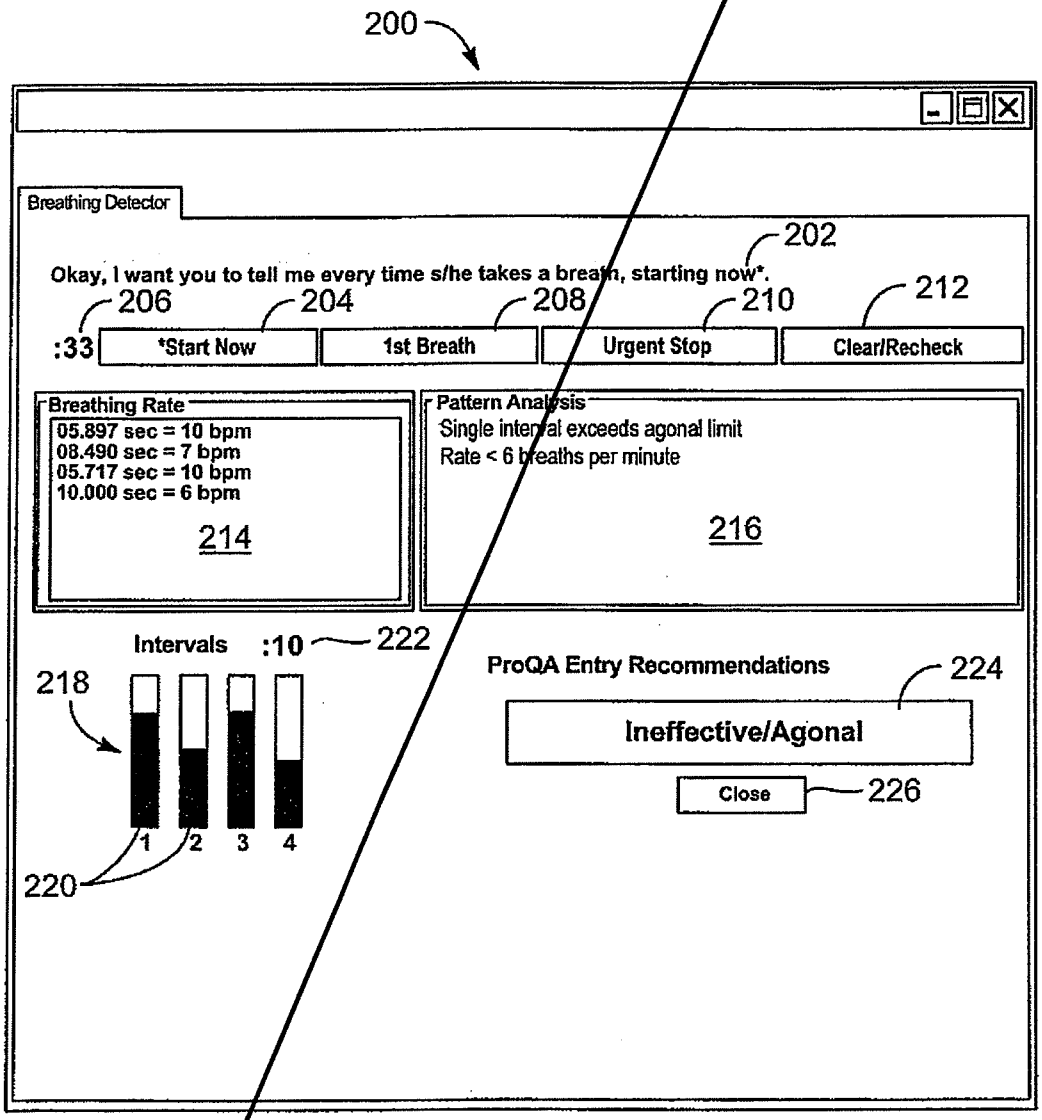

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:33
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
05.897 sec = 10 bpm
08.490 sec = 7 bpm
05.717 sec = 10 bpm
10.000 sec = 6 bpm
214
Pattern Analysis
Single interval exceeds agonal limit
Rate < 6 breaths per minute
216
Intervals :10
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226

FIG. 2E

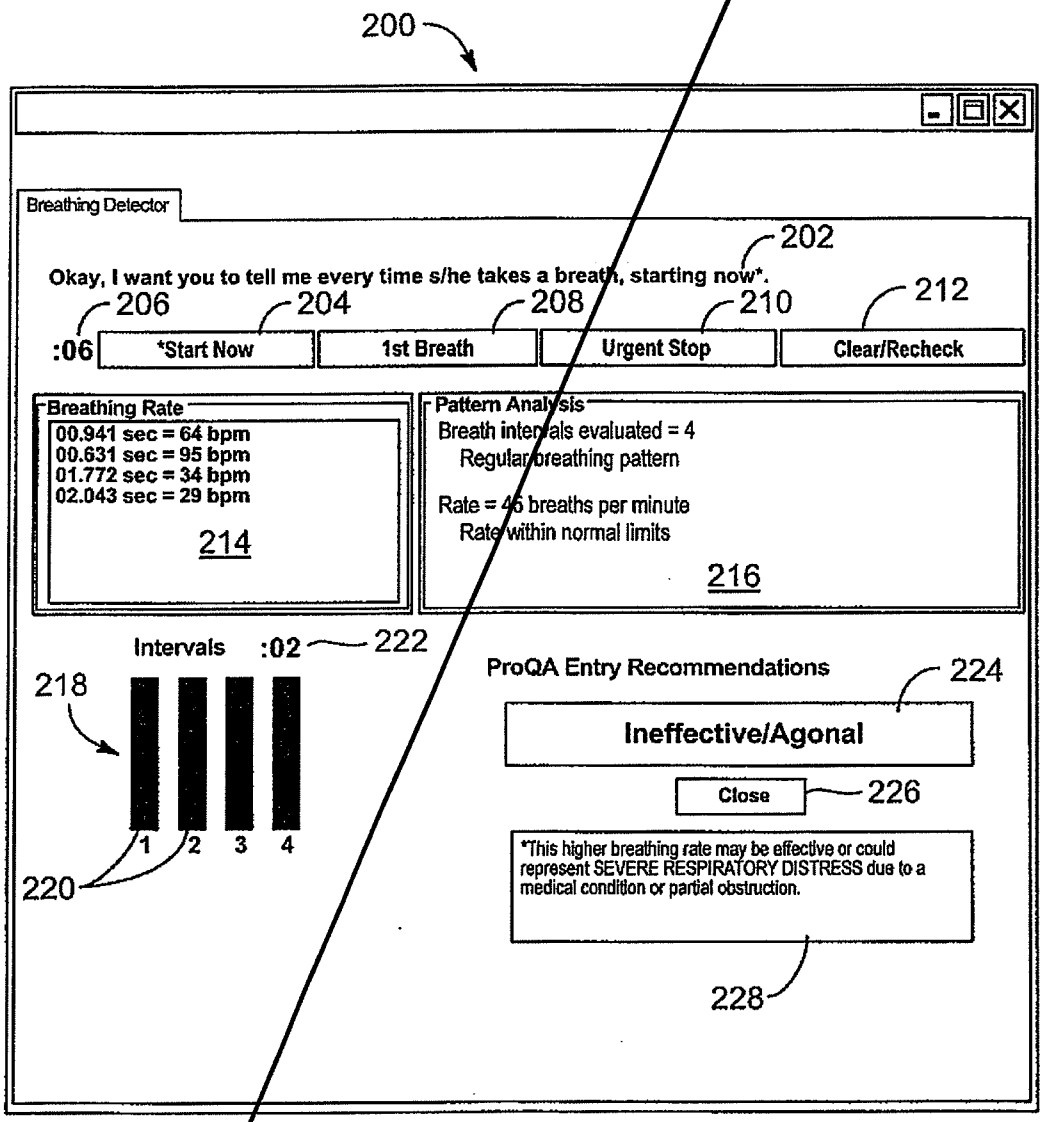

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:06
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
00.941 sec = 64 bpm
00.631 sec = 95 bpm
01.772 sec = 34 bpm
02.043 sec = 29 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Regular breathing pattern
Rate = 46 breaths per minute
Rate within normal limits
216
Intervals :02
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226
*This higher breathing rate may be effective or could represent SEVERE RESPIRATORY DISTRESS due to a medical condition or partial obstruction.
228

FIG. 2F

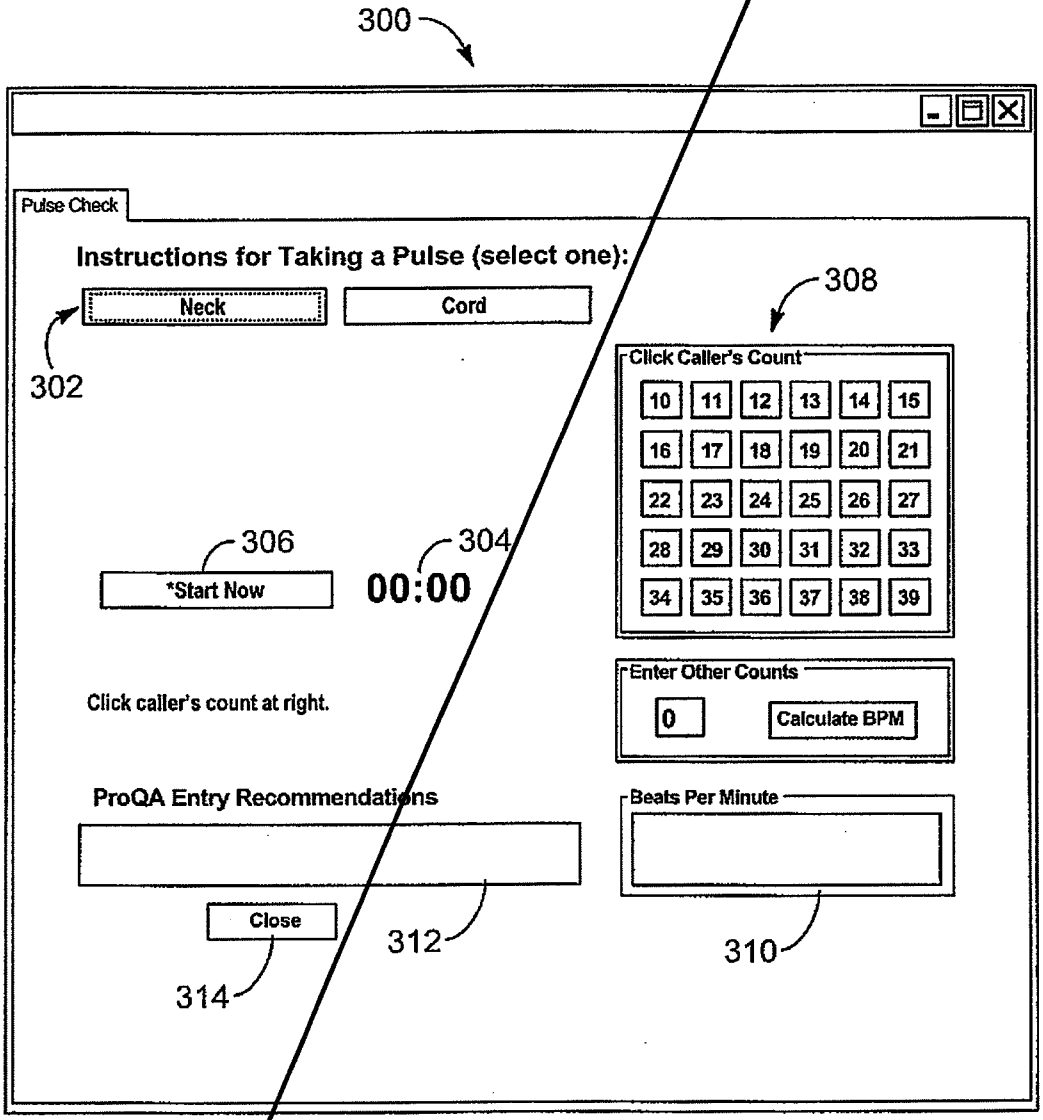

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
302
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
306
*Start Now
304
00:00
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Beats Per Minute
Close
312
310
314

FIG. 3A

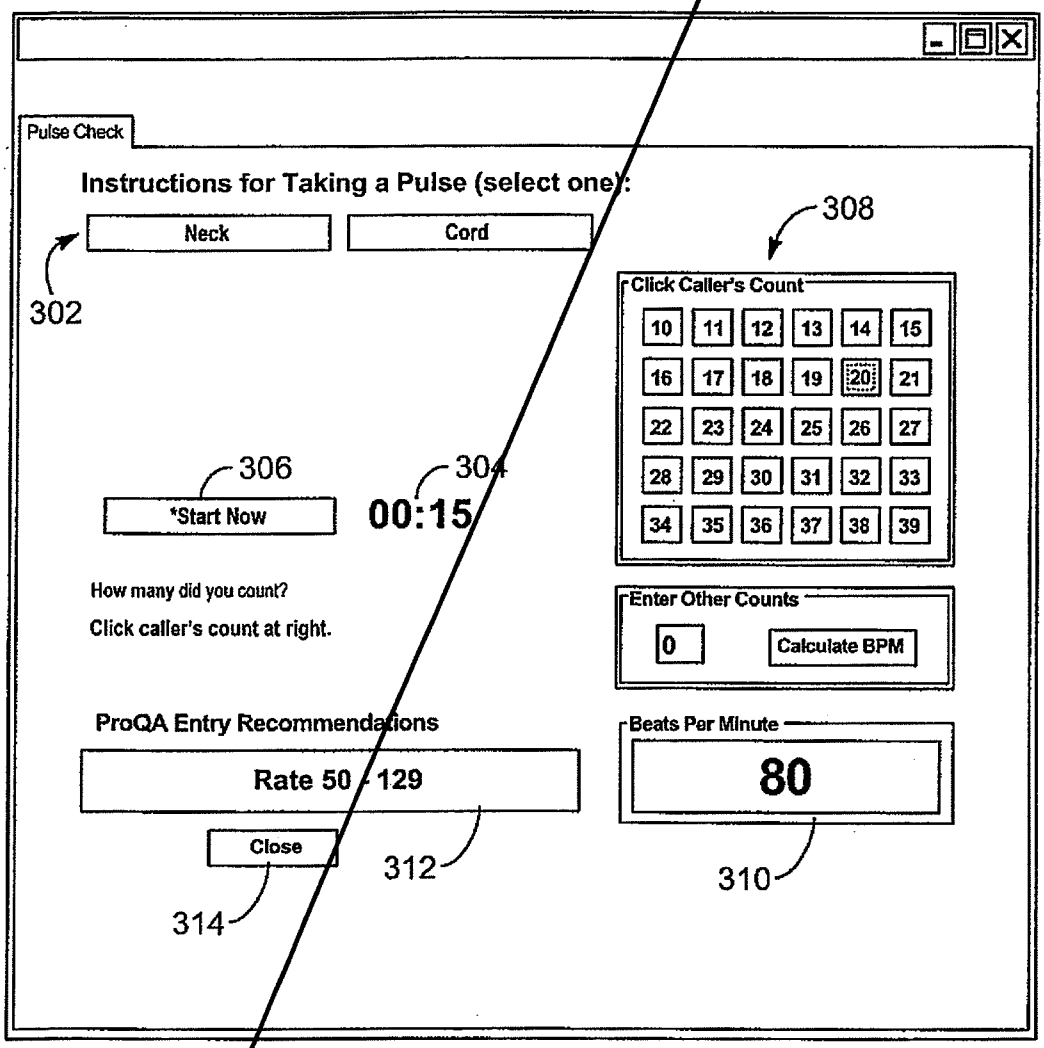

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
302
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
306
304
*Start Now
00:15
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate 50 - 129
Beats Per Minute
80
Close
312
310
314

FIG. 3B

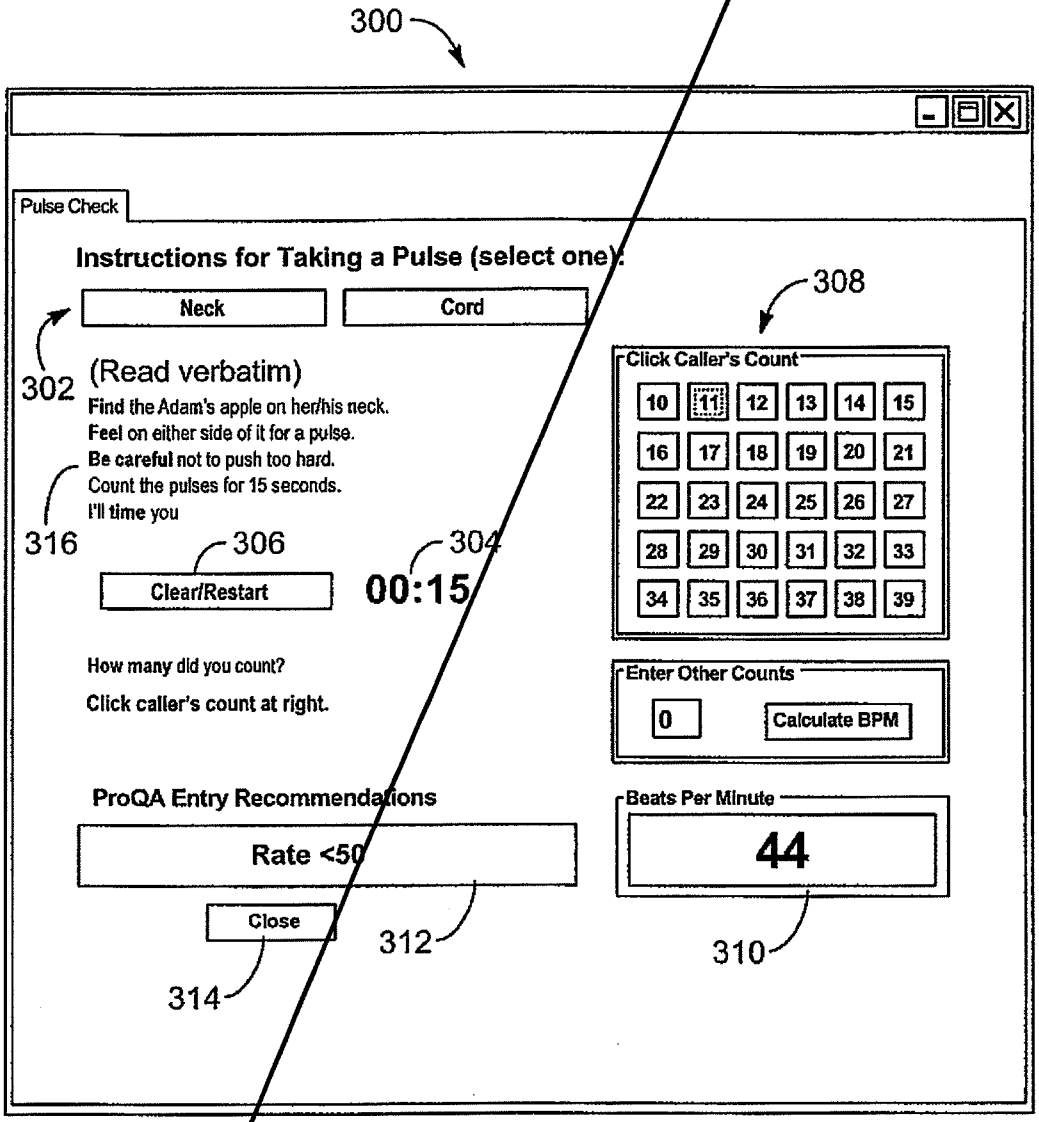

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
302
(Read verbatim)
Find the Adam's apple on her/his neck.
Feel on either side of it for a pulse.
Be careful not to push too hard.
Count the pulses for 15 seconds.
I'll time you
316
306
Clear/Restart
304
00:15
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate <50
Beats Per Minute
44
Close
312
310
314

FIG. 3C

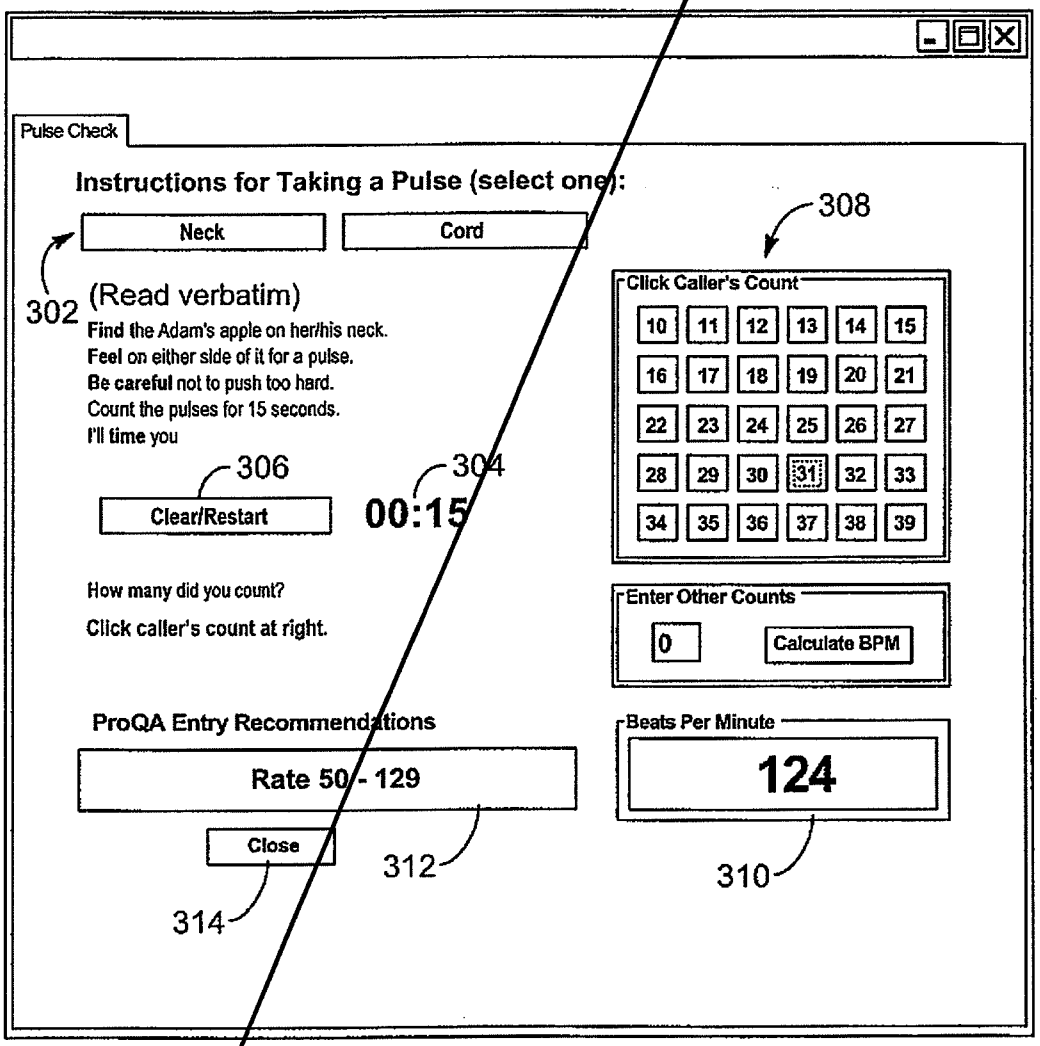

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
302
(Read verbatim)
Find the Adam's apple on her/his neck.
Feel on either side of it for a pulse.
Be careful not to push too hard.
Count the pulses for 15 seconds.
I'll time you
306
Clear/Restart
304
00:15
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate 50 - 129
Beats Per Minute
124
Close
312
310
314

FIG. 3D

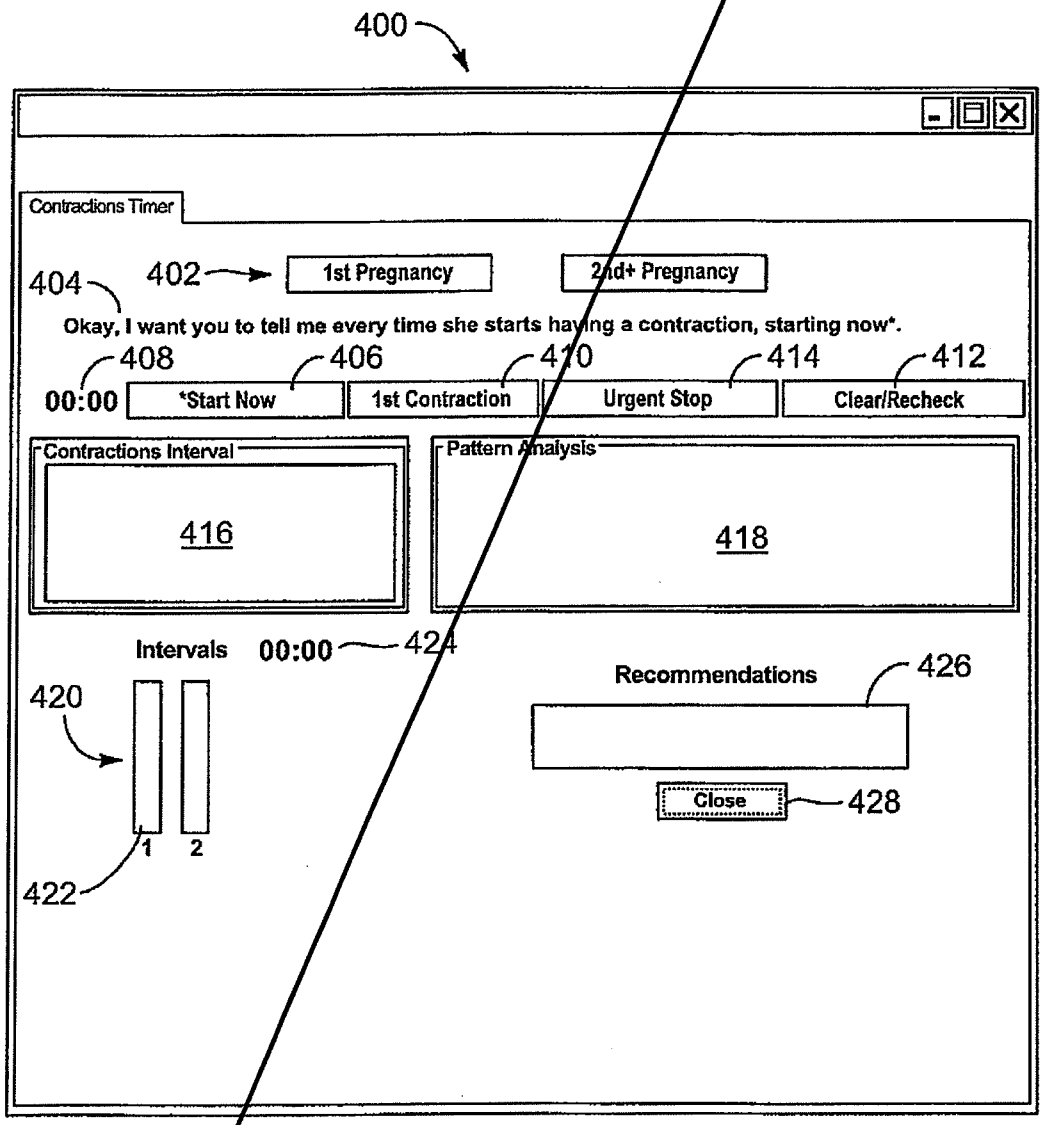

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
00:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
416
Pattern Analysis
418
Intervals
00:00
424
Recommendations
426
420
Close
428
1
2
422

FIG. 4A

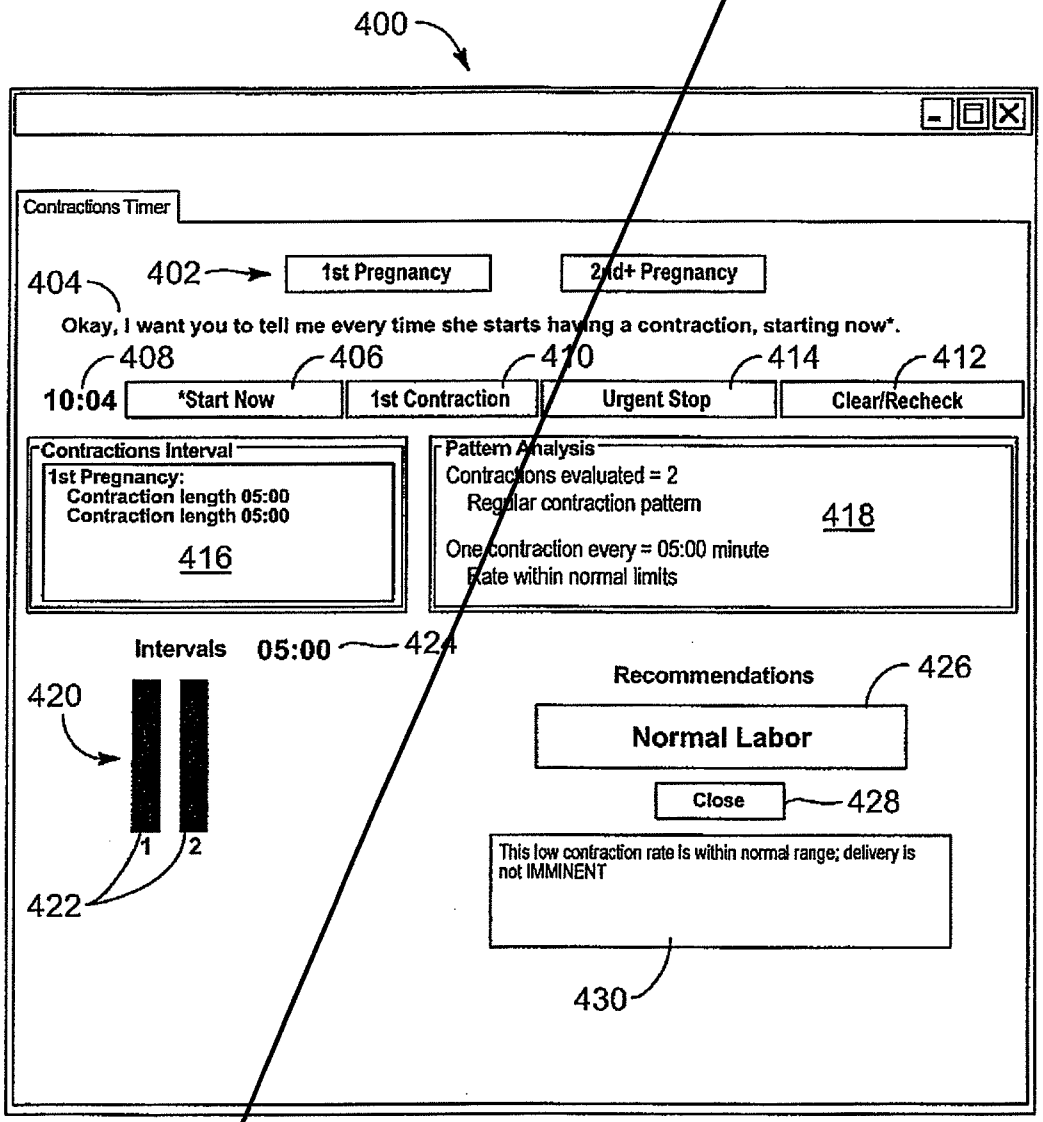

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
10:04
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 05:00
Contraction length 05:00
416
Pattern Analysis
Contractions evaluated = 2
Regular contraction pattern
418
One contraction every = 05:00 minute
Rate within normal limits
Intervals
05:00
424
420
1
2
422
Recommendations
426
Normal Labor
Close
428
This low contraction rate is within normal range; delivery is not IMMINENT
430

FIG. 4B

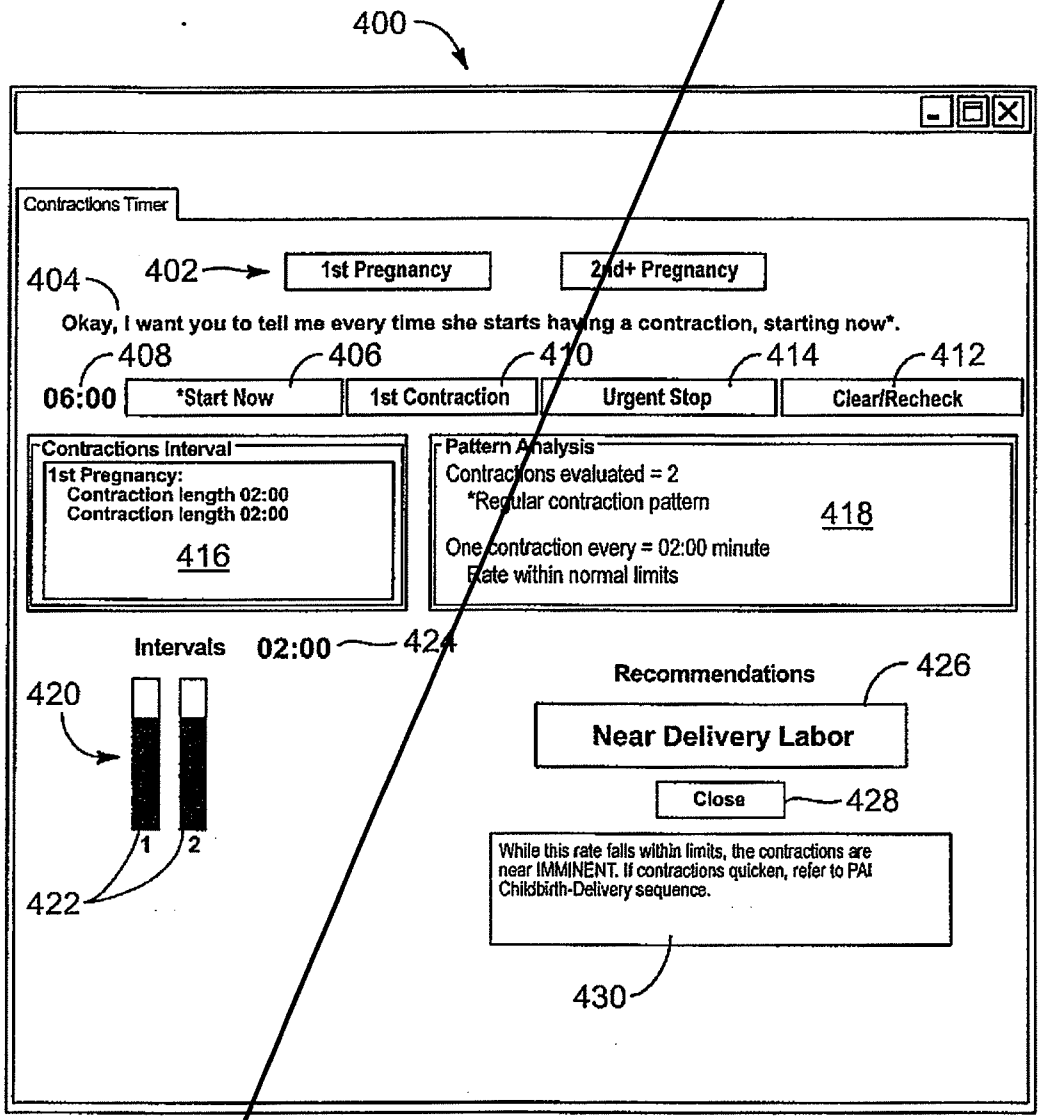

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
06:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 02:00
Contraction length 02:00
416
Pattern Analysis
Contractions evaluated = 2
*Regular contraction pattern
418
One contraction every = 02:00 minute
Rate within normal limits
Intervals
02:00
424
420
1
2
422
Recommendations
426
Near Delivery Labor
Close
428
While this rate falls within limits, the contractions are near IMMINENT. If contractions quicken, refer to PAI Childbirth-Delivery sequence.
430

FIG. 4C

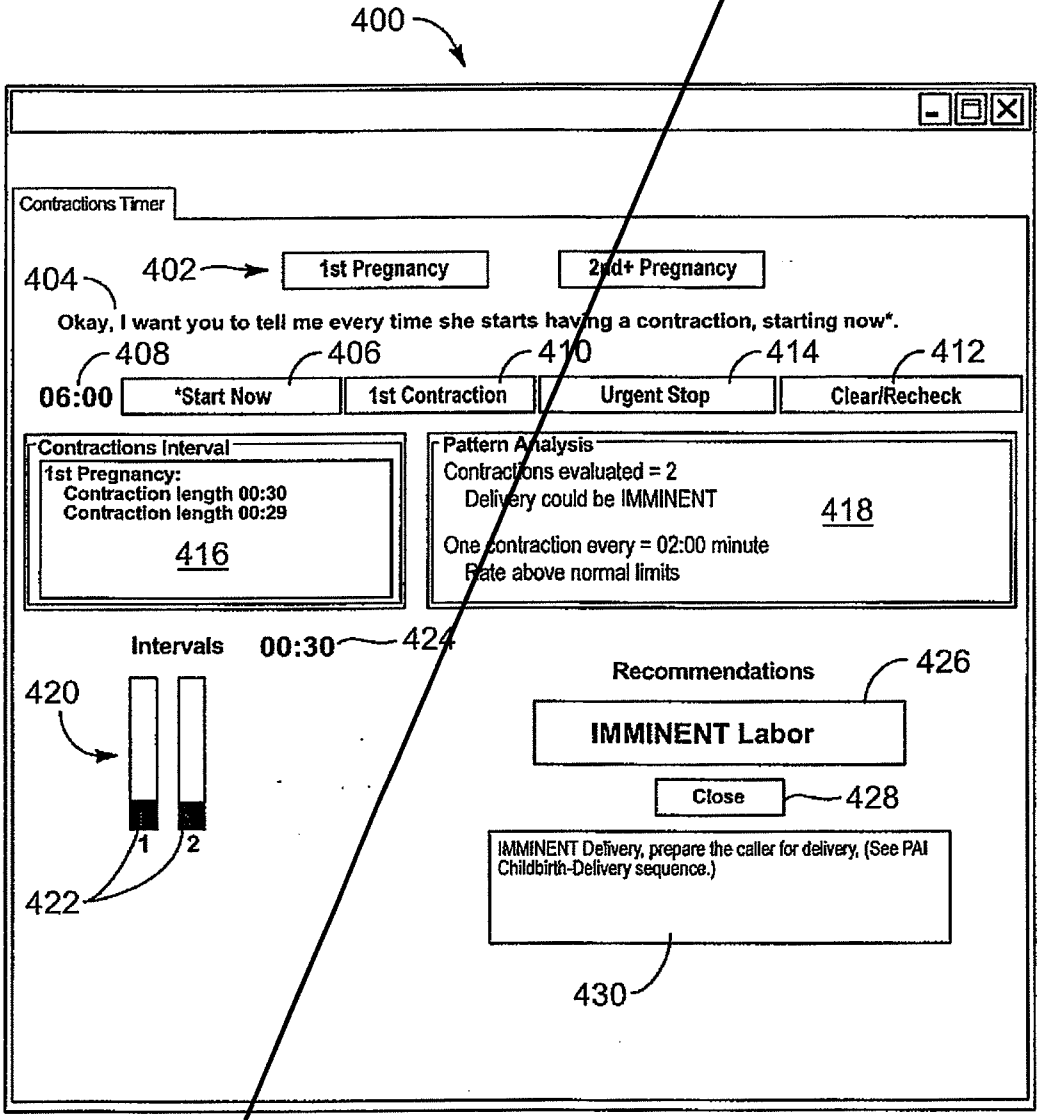

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
06:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 00:30
Contraction length 00:29
416
Pattern Analysis
Contractions evaluated = 2
Delivery could be IMMINENT
418
One contraction every = 02:00 minute
Rate above normal limits
Intervals
00:30
424
Recommendations
426
420
IMMINENT Labor
Close
428
1
2
422
IMMINENT Delivery, prepare the caller for delivery, (See PAI Childbirth-Delivery sequence.)
430

FIG. 4D

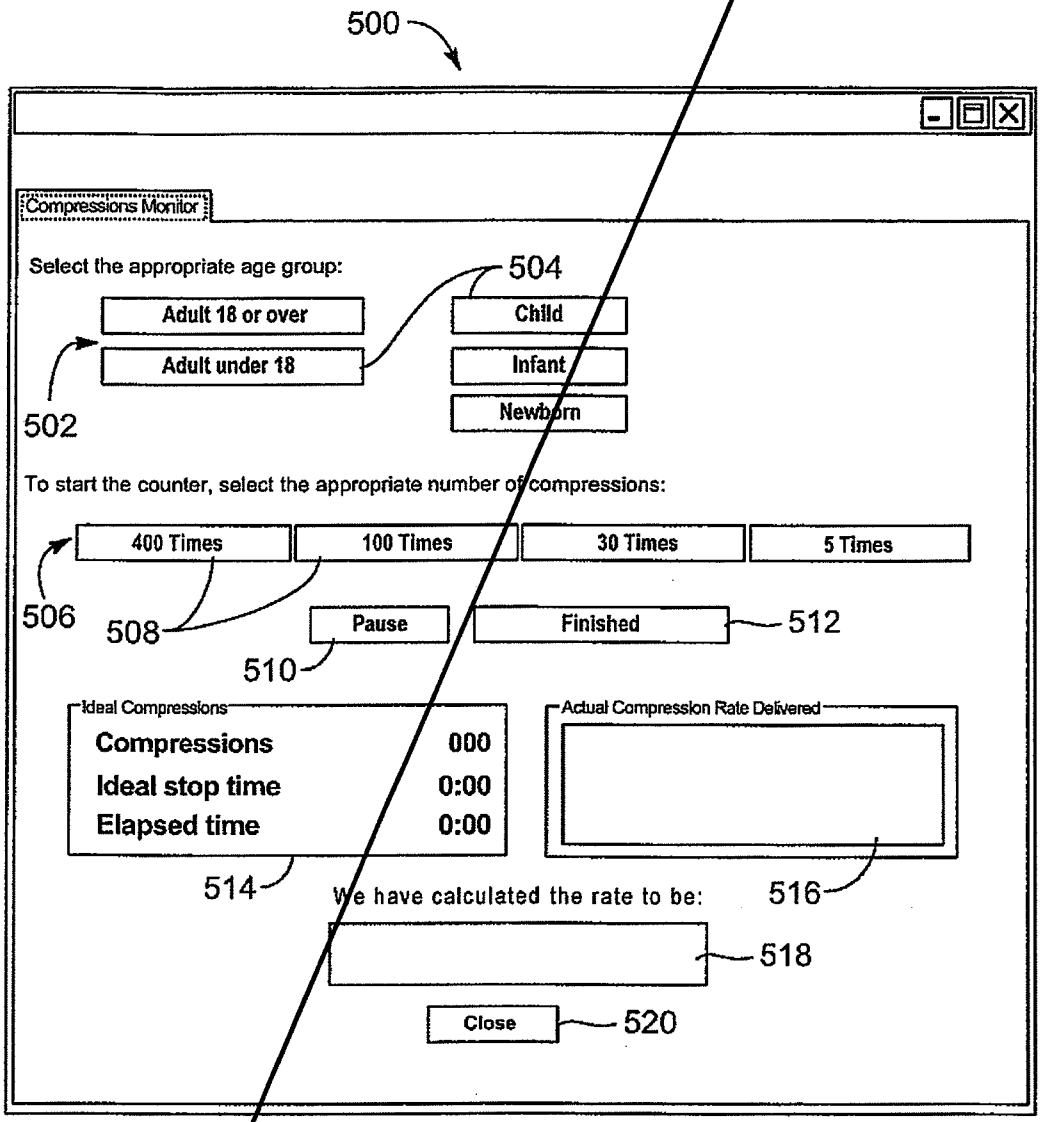

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
100 Times
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 000
Ideal stop time 0:00
Elapsed time 0:00
514
Actual Compression Rate Delivered
516
We have calculated the rate to be:
518
Close
520

FIG. 5A

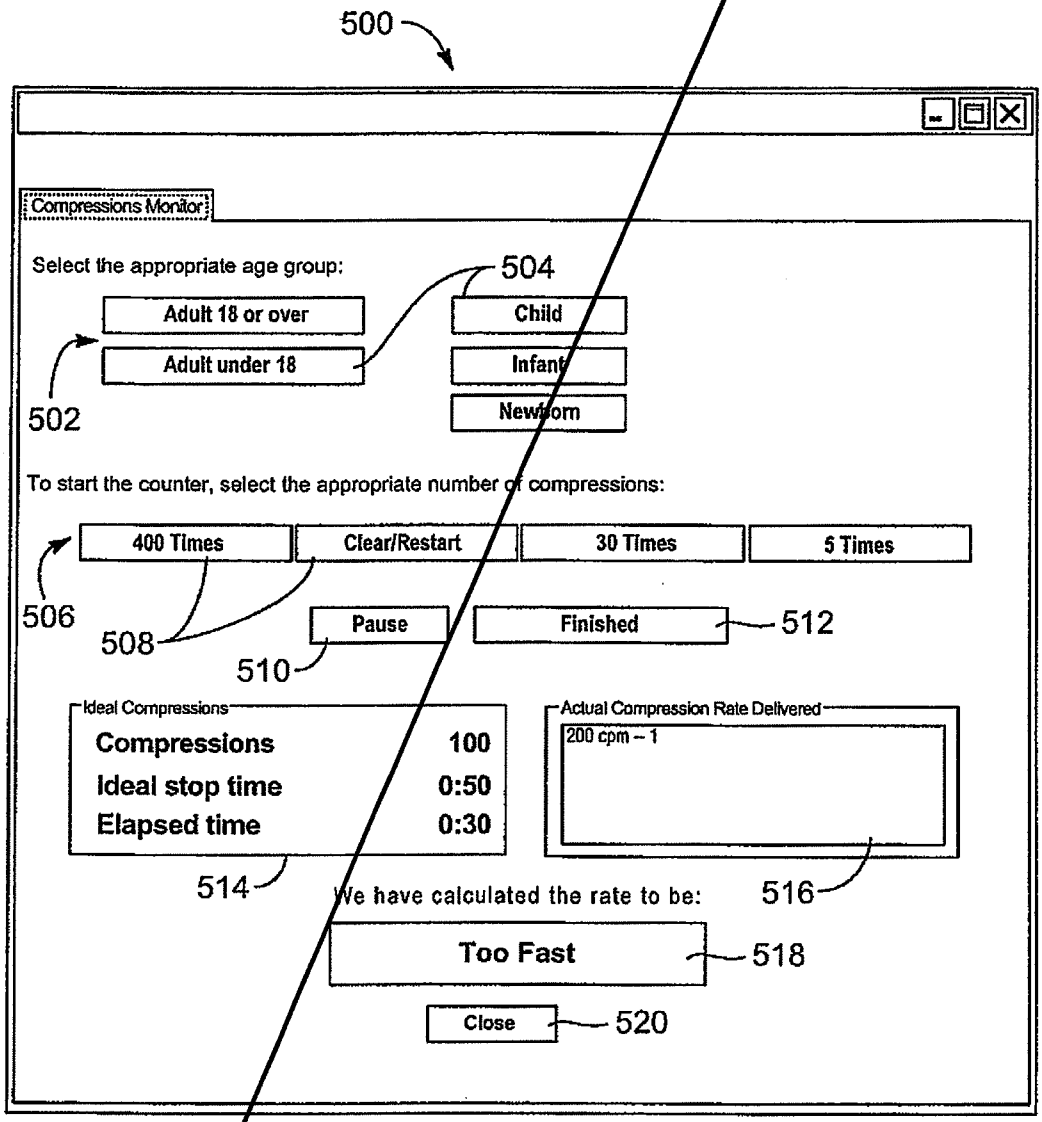

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
510
Pause
Finished
512
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 0:30
514
Actual Compression Rate Delivered
200 cpm – 1
516
We have calculated the rate to be:
Too Fast
518
Close
520

FIG. 5B

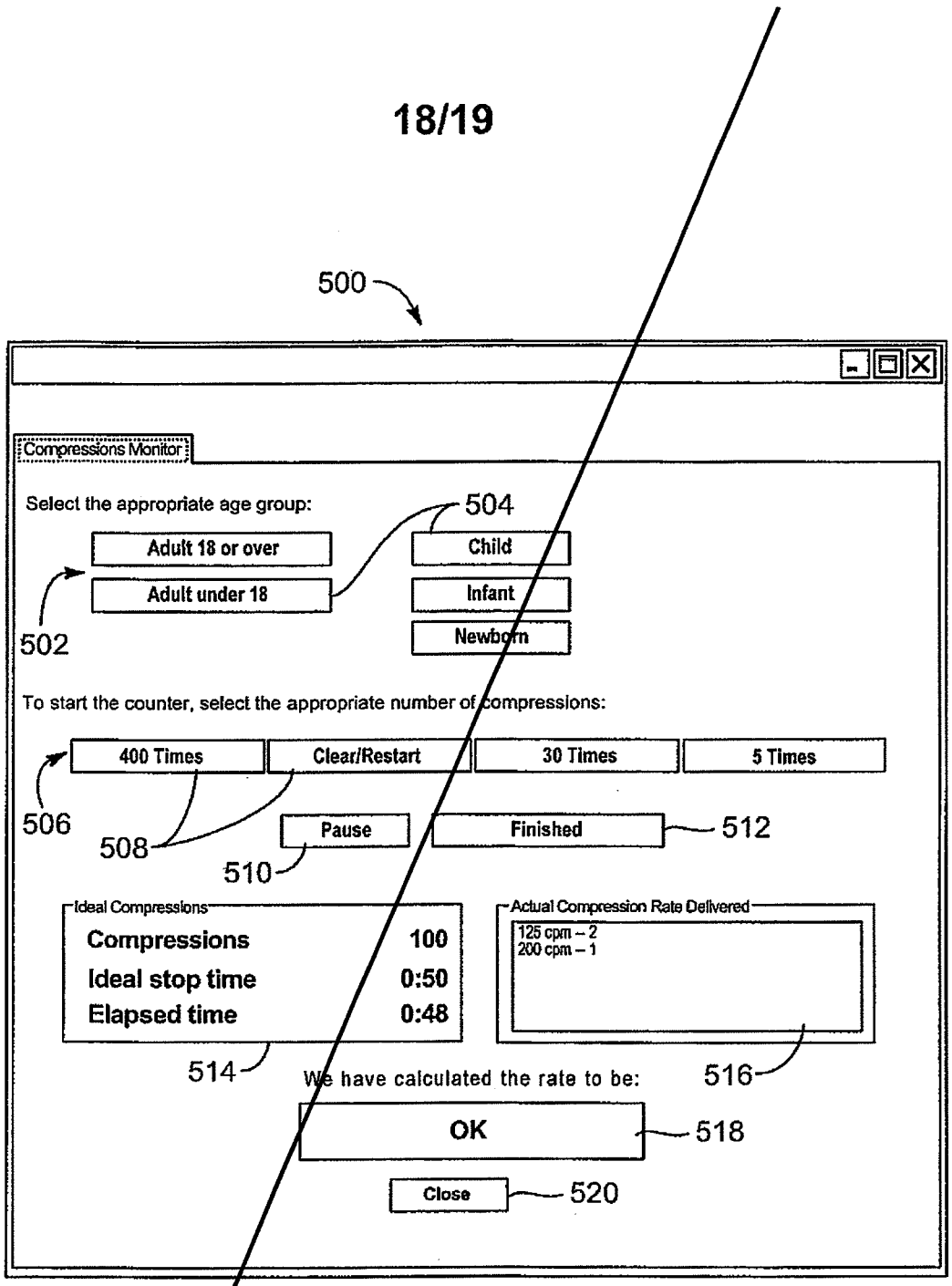

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 0:48
Actual Compression Rate Delivered
125 cpm – 2
200 cpm – 1
514
516
We have calculated the rate to be:
OK
518
Close
520

FIG. 5C

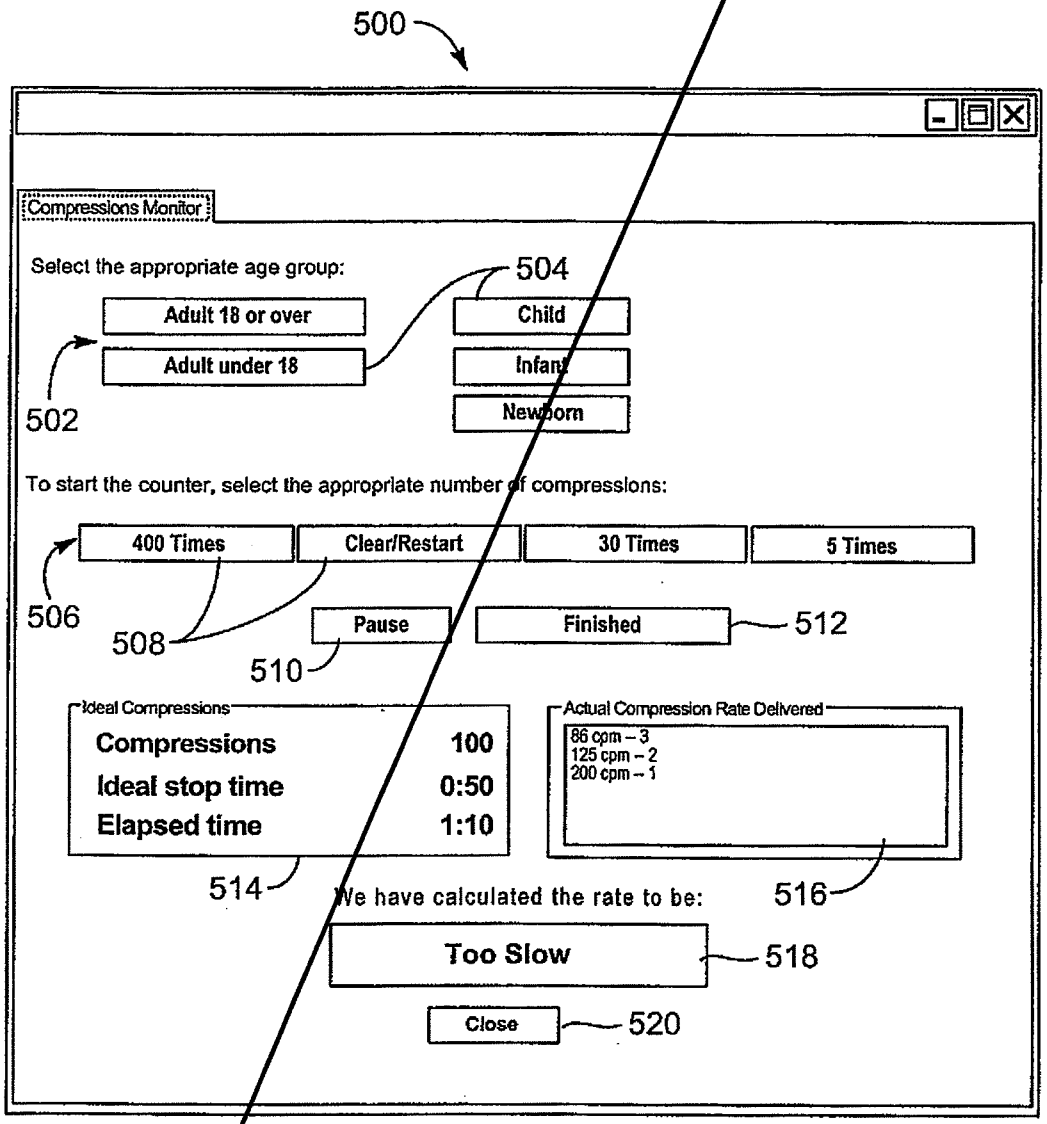

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 1:10
Actual Compression Rate Delivered
86 cpm – 3
125 cpm – 2
200 cpm – 1
514
516
We have calculated the rate to be:
Too Slow
518
Close
520

FIG. 5D

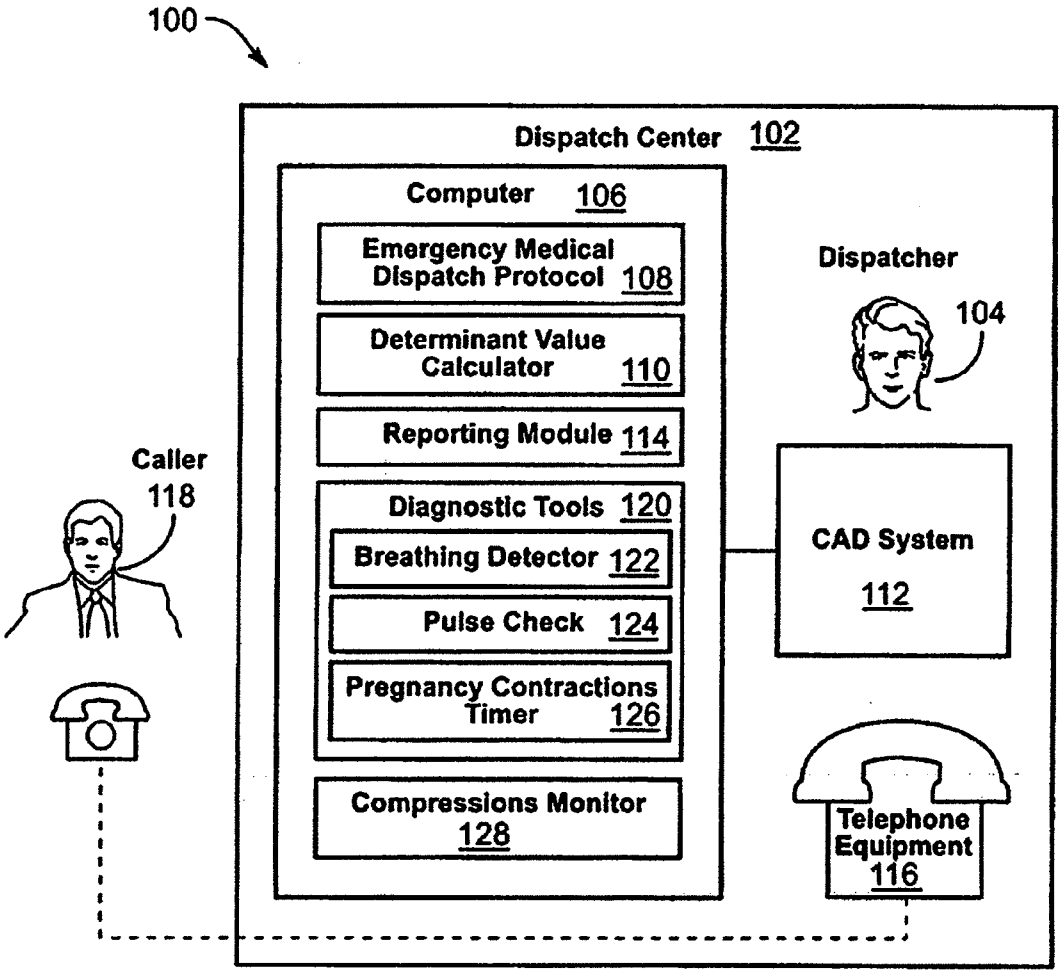

100
Dispatch Center 102
Computer 106
Emergency Medical Dispatch Protocol 108
Determinant Value Calculator 110
Reporting Module 114
Diagnostic Tools 120
Breathing Detector 122
Pulse Check 124
Pregnancy Contractions Timer 126
Compressions Monitor 128
Dispatcher
104
CAD System 112
Caller 118
Telephone Equipment 116

FIG. 1

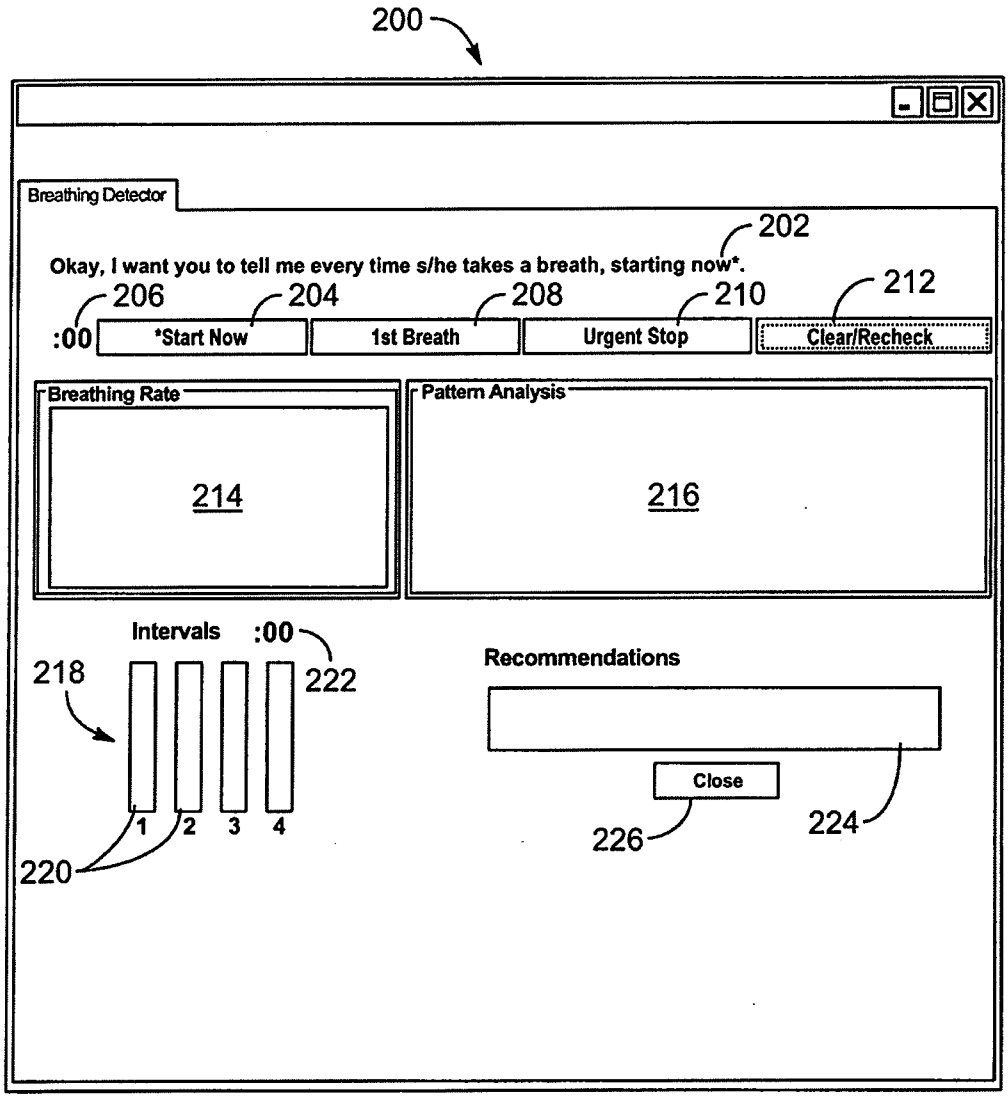

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:00
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
214
Pattern Analysis
216
Intervals
:00
218
222
1
2
3
4
220
Recommendations
Close
226
224

FIG. 2A

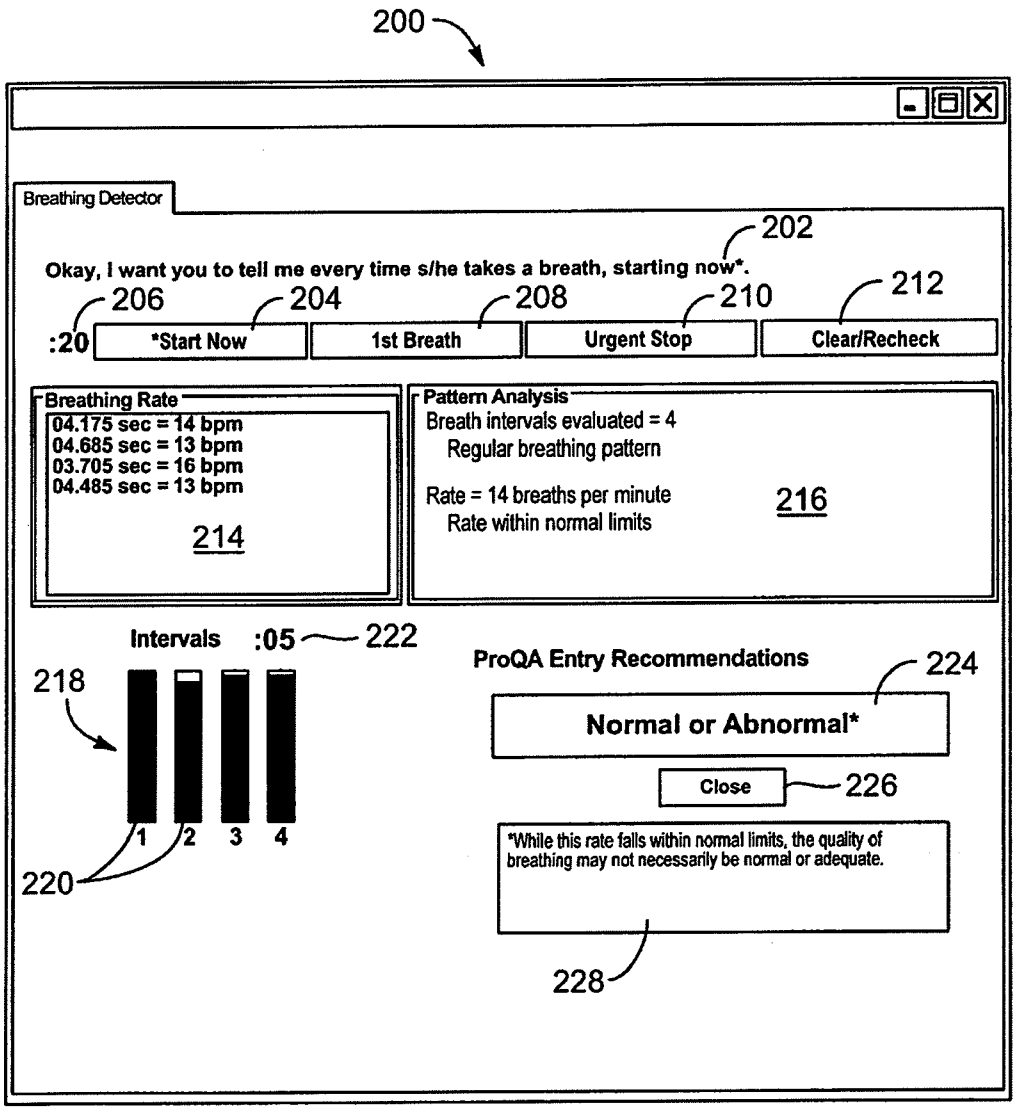

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:20
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
04.175 sec = 14 bpm
04.685 sec = 13 bpm
03.705 sec = 16 bpm
04.485 sec = 13 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Regular breathing pattern
Rate = 14 breaths per minute
Rate within normal limits
216
Intervals :05
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Normal or Abnormal*
Close
226
*While this rate falls within normal limits, the quality of breathing may not necessarily be normal or adequate.
228

FIG. 2B

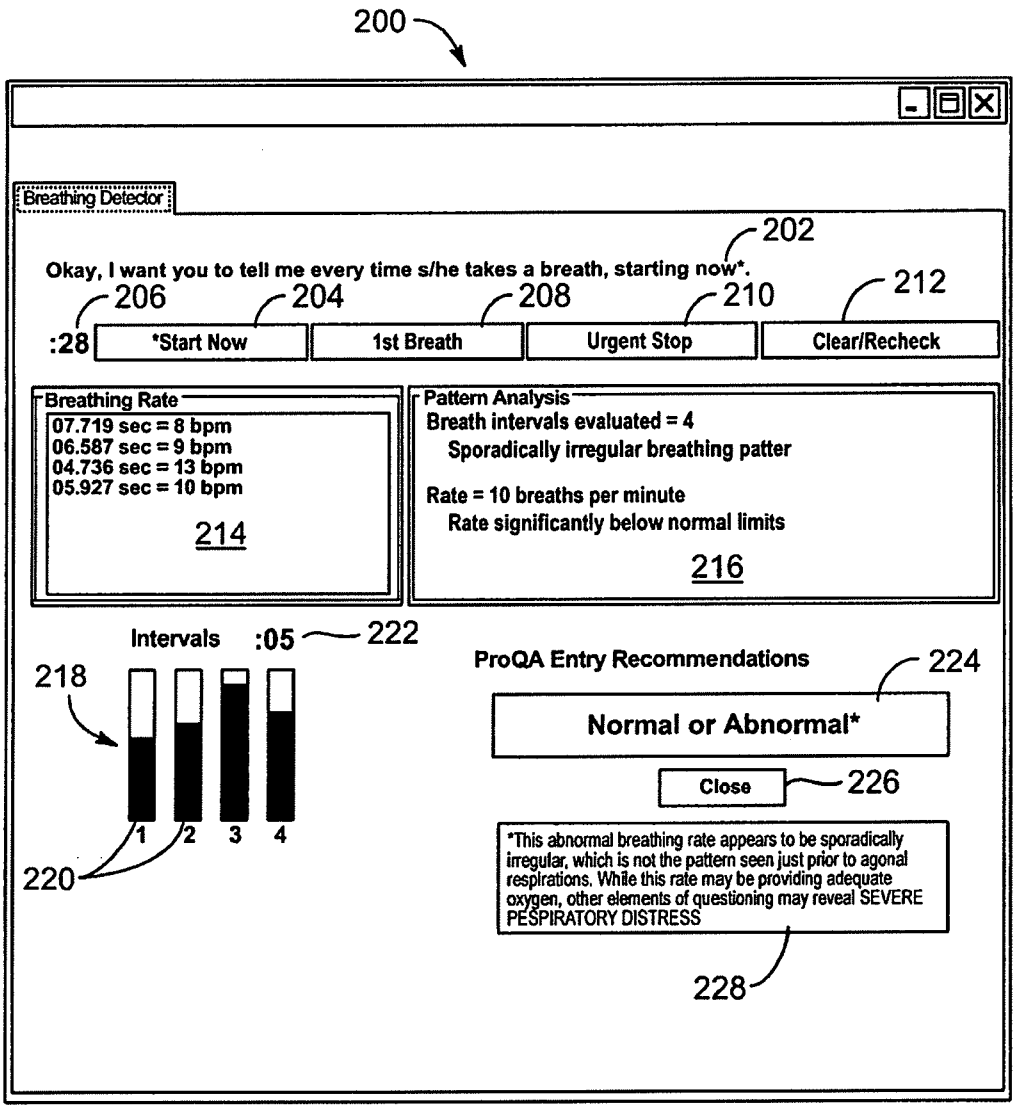

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:28
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
07.719 sec = 8 bpm
06.587 sec = 9 bpm
04.736 sec = 13 bpm
05.927 sec = 10 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Sporadically irregular breathing patter
Rate = 10 breaths per minute
Rate significantly below normal limits
216
Intervals :05
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Normal or Abnormal*
Close
226
*This abnormal breathing rate appears to be sporadically irregular, which is not the pattern seen just prior to agonal respirations. While this rate may be providing adequate oxygen, other elements of questioning may reveal SEVERE PESPIRATORY DISTRESS
228

FIG. 2C

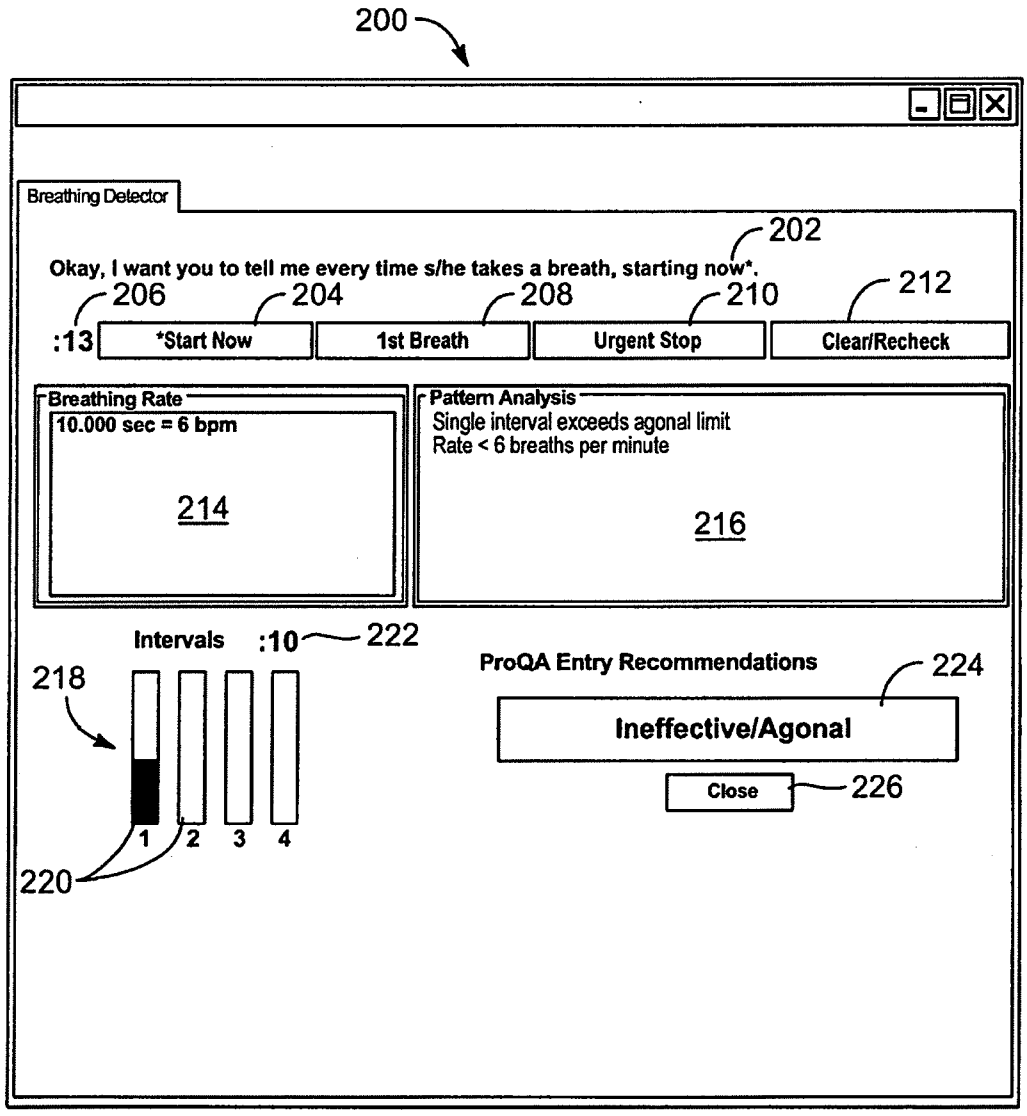

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:13
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
10.000 sec = 6 bpm
214
Pattern Analysis
Single interval exceeds agonal limit
Rate < 6 breaths per minute
216
Intervals
:10
222
218
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226
1
2
3
4
220

FIG. 2D

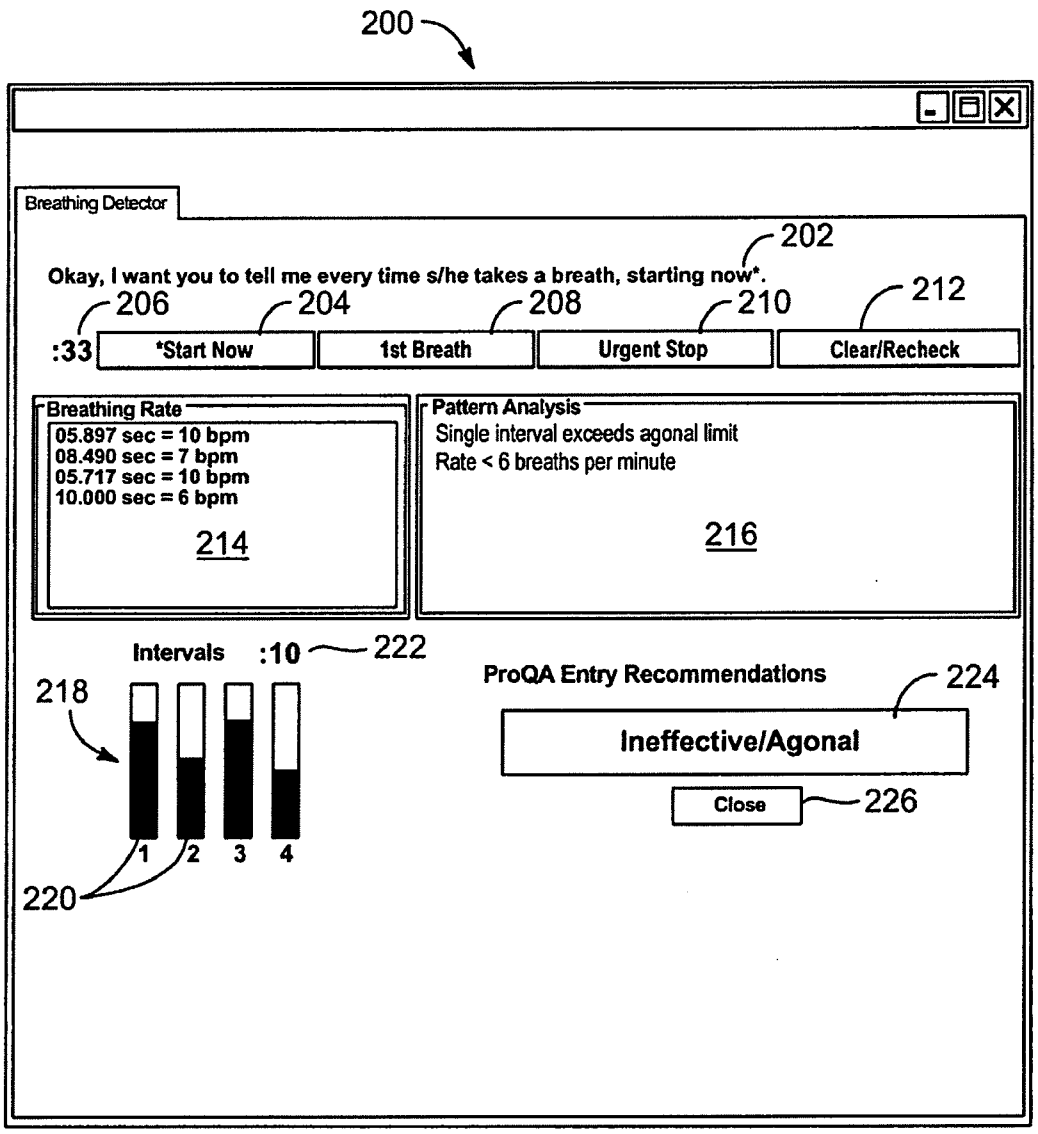

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:33
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
05.897 sec = 10 bpm
08.490 sec = 7 bpm
05.717 sec = 10 bpm
10.000 sec = 6 bpm
214
Pattern Analysis
Single interval exceeds agonal limit
Rate < 6 breaths per minute
216
Intervals :10
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226

FIG. 2E

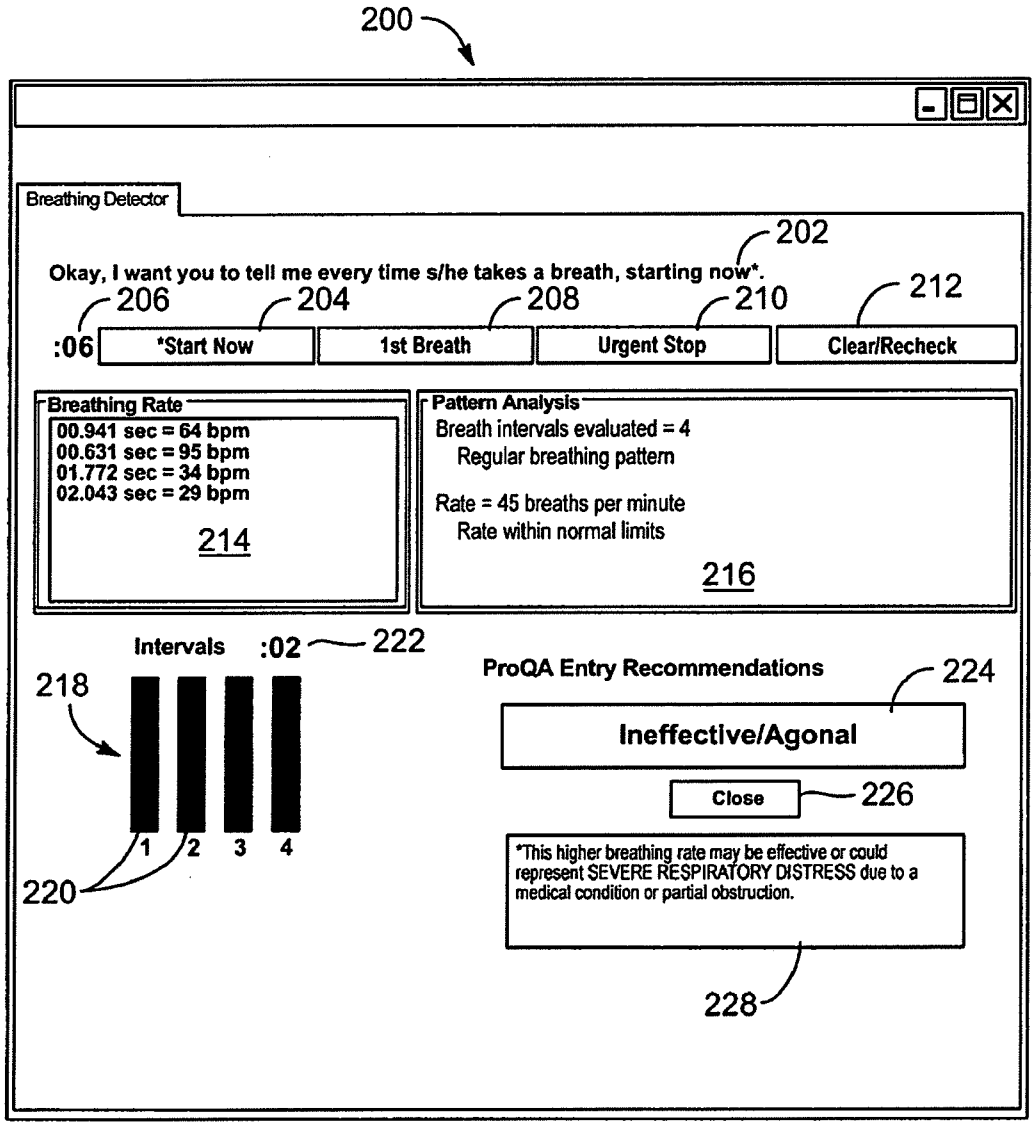

200
Breathing Detector
202
Okay, I want you to tell me every time s/he takes a breath, starting now*.
206
204
208
210
212
:06
*Start Now
1st Breath
Urgent Stop
Clear/Recheck
Breathing Rate
00.941 sec = 64 bpm
00.631 sec = 95 bpm
01.772 sec = 34 bpm
02.043 sec = 29 bpm
214
Pattern Analysis
Breath intervals evaluated = 4
Regular breathing pattern
Rate = 45 breaths per minute
Rate within normal limits
216
Intervals :02
222
218
1
2
3
4
220
ProQA Entry Recommendations
224
Ineffective/Agonal
Close
226
*This higher breathing rate may be effective or could represent SEVERE RESPIRATORY DISTRESS due to a medical condition or partial obstruction.
228

FIG. 2F

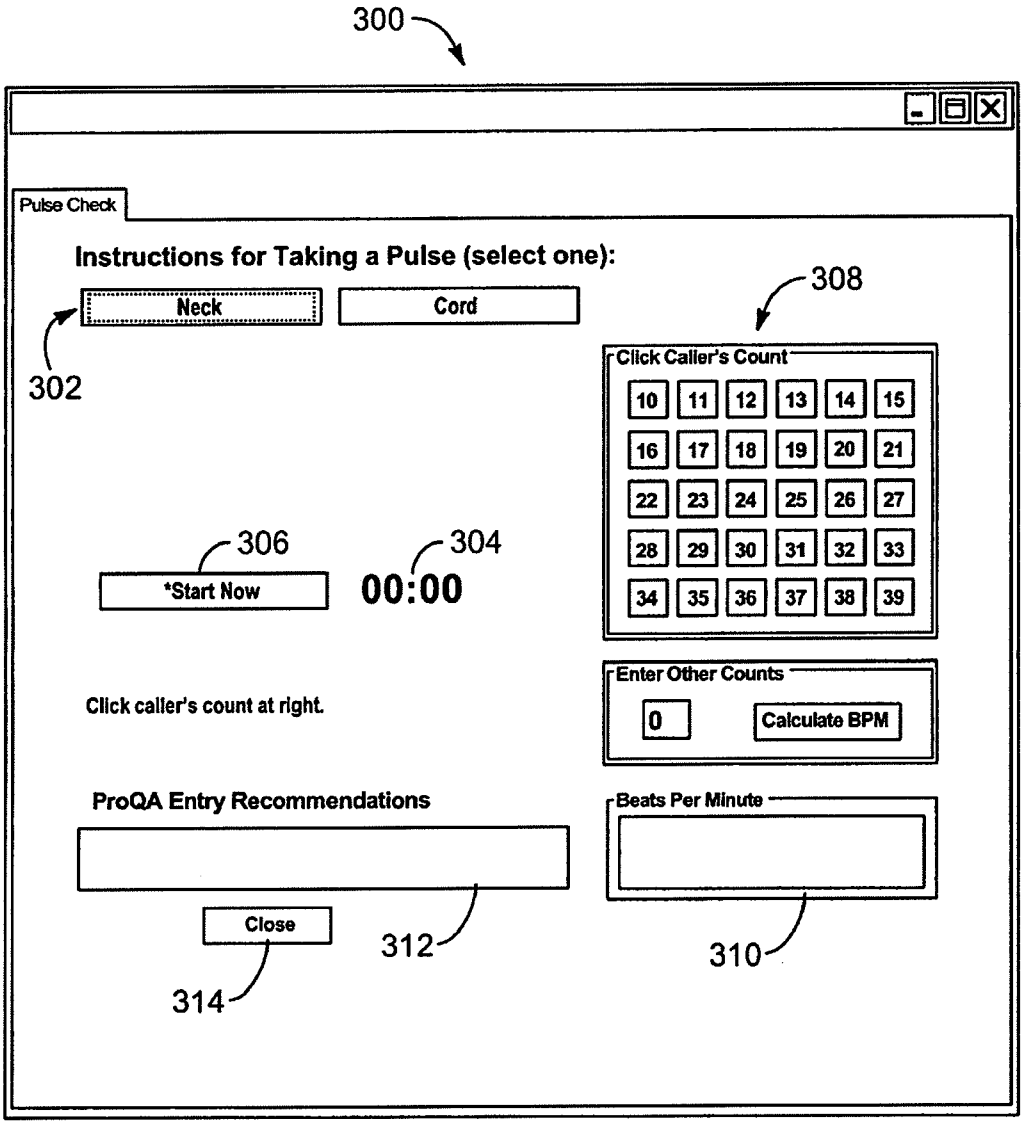

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
302
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
306
*Start Now
304
00:00
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Beats Per Minute
Close
312
310
314

FIG. 3A

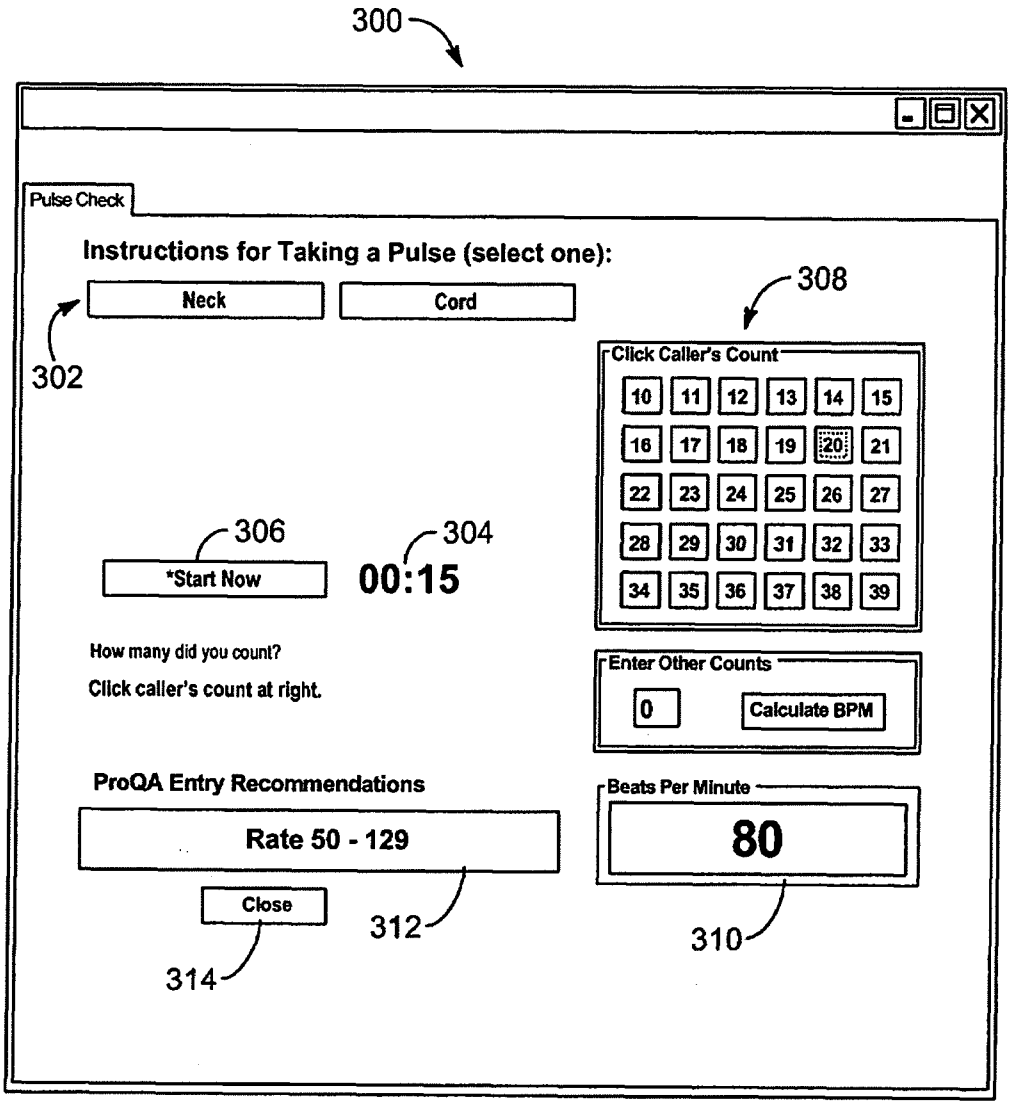

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
302
308
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
306
*Start Now
304
00:15
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate 50 - 129
Beats Per Minute
80
Close
312
310
314

FIG. 3B

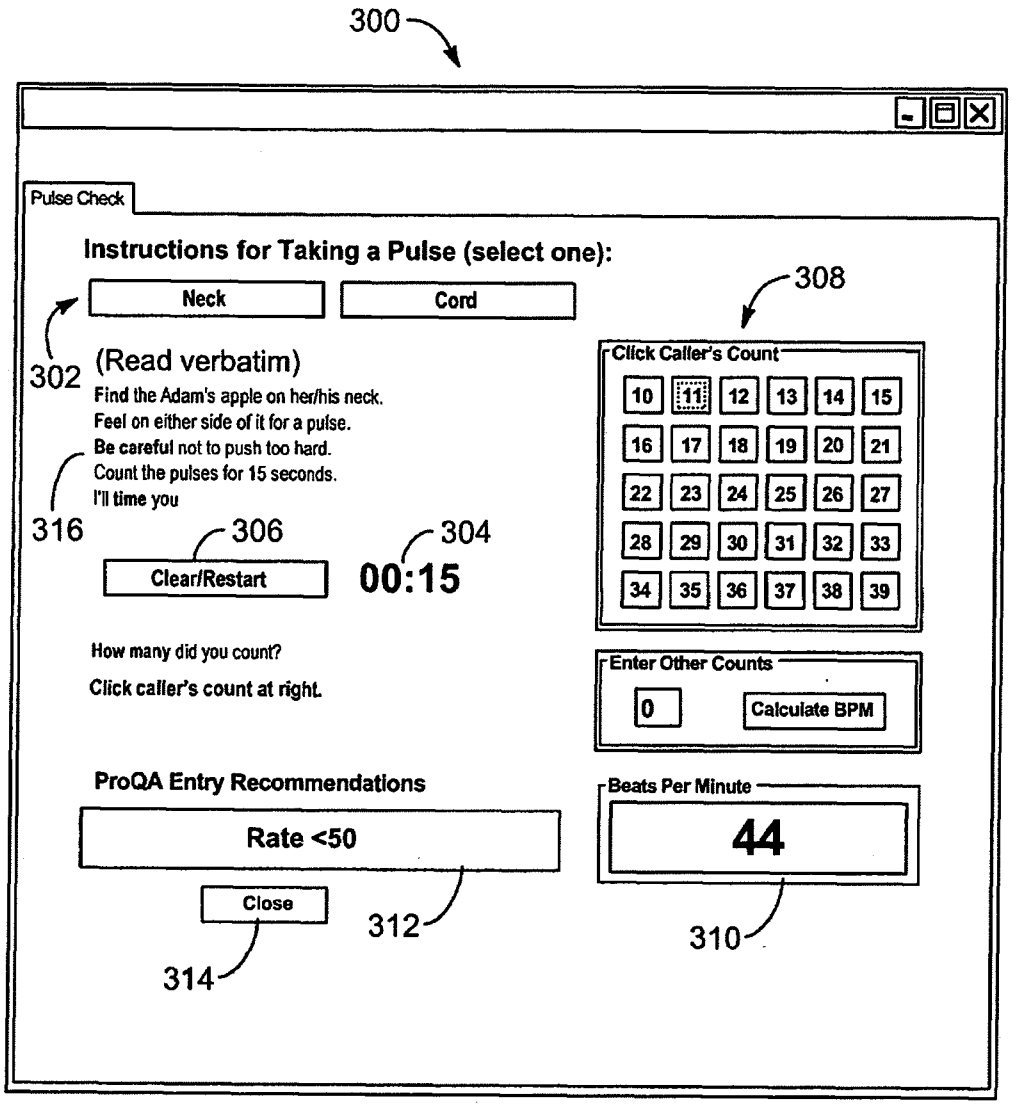

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
308
302
(Read verbatim)
Find the Adam's apple on her/his neck.
Feel on either side of it for a pulse.
Be careful not to push too hard.
Count the pulses for 15 seconds.
I'll time you
316
306
304
Clear/Restart
00:15
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate <50
Beats Per Minute
44
Close
312
310
314

FIG. 3C

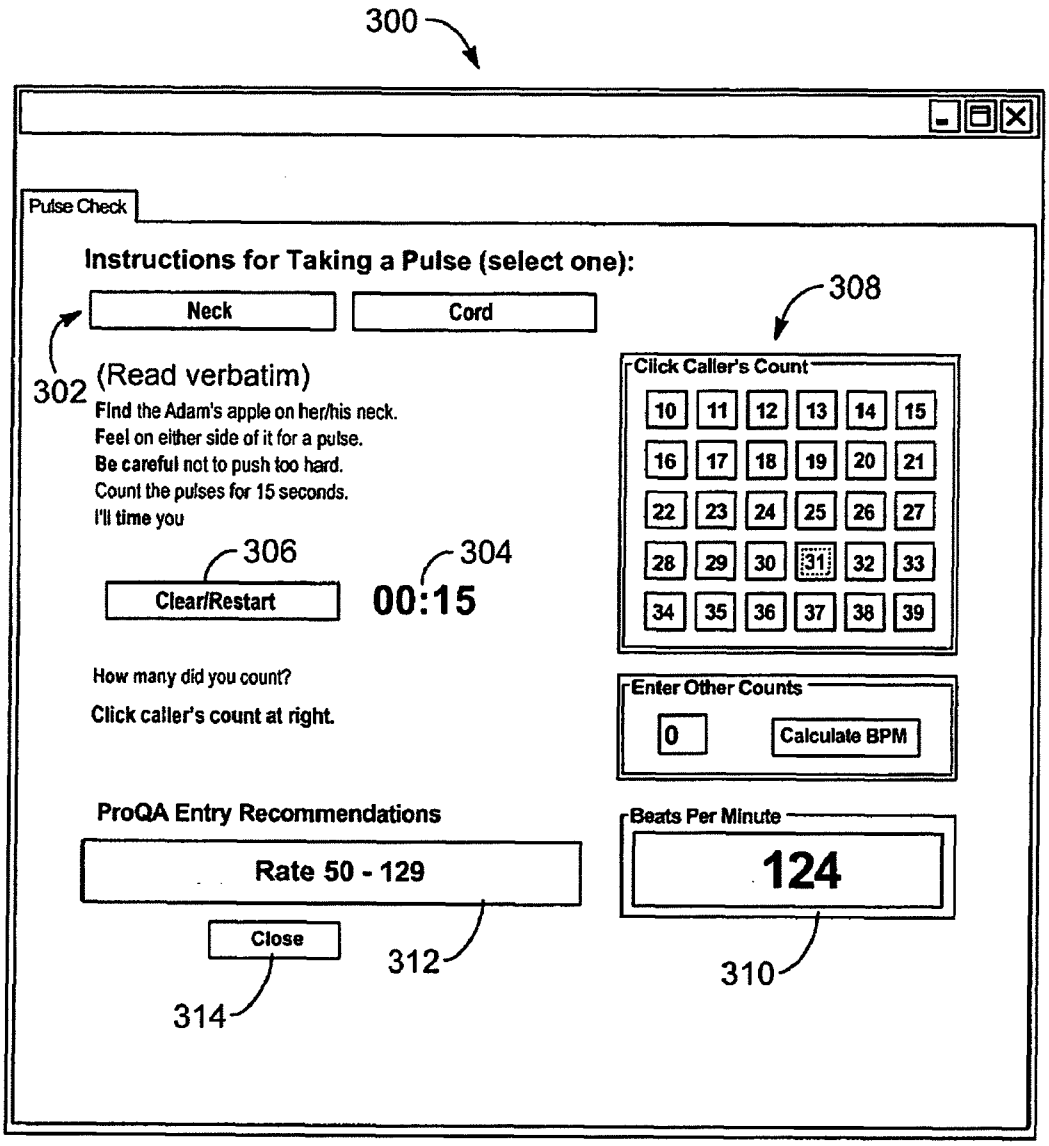

300
Pulse Check
Instructions for Taking a Pulse (select one):
Neck
Cord
308
302
(Read verbatim)
Find the Adam's apple on her/his neck.
Feel on either side of it for a pulse.
Be careful not to push too hard.
Count the pulses for 15 seconds.
I'll time you
306
304
Clear/Restart
00:15
Click Caller's Count
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32 33
34 35 36 37 38 39
How many did you count?
Click caller's count at right.
Enter Other Counts
0
Calculate BPM
ProQA Entry Recommendations
Rate 50 - 129
Beats Per Minute
124
Close
312
310
314

FIG. 3D

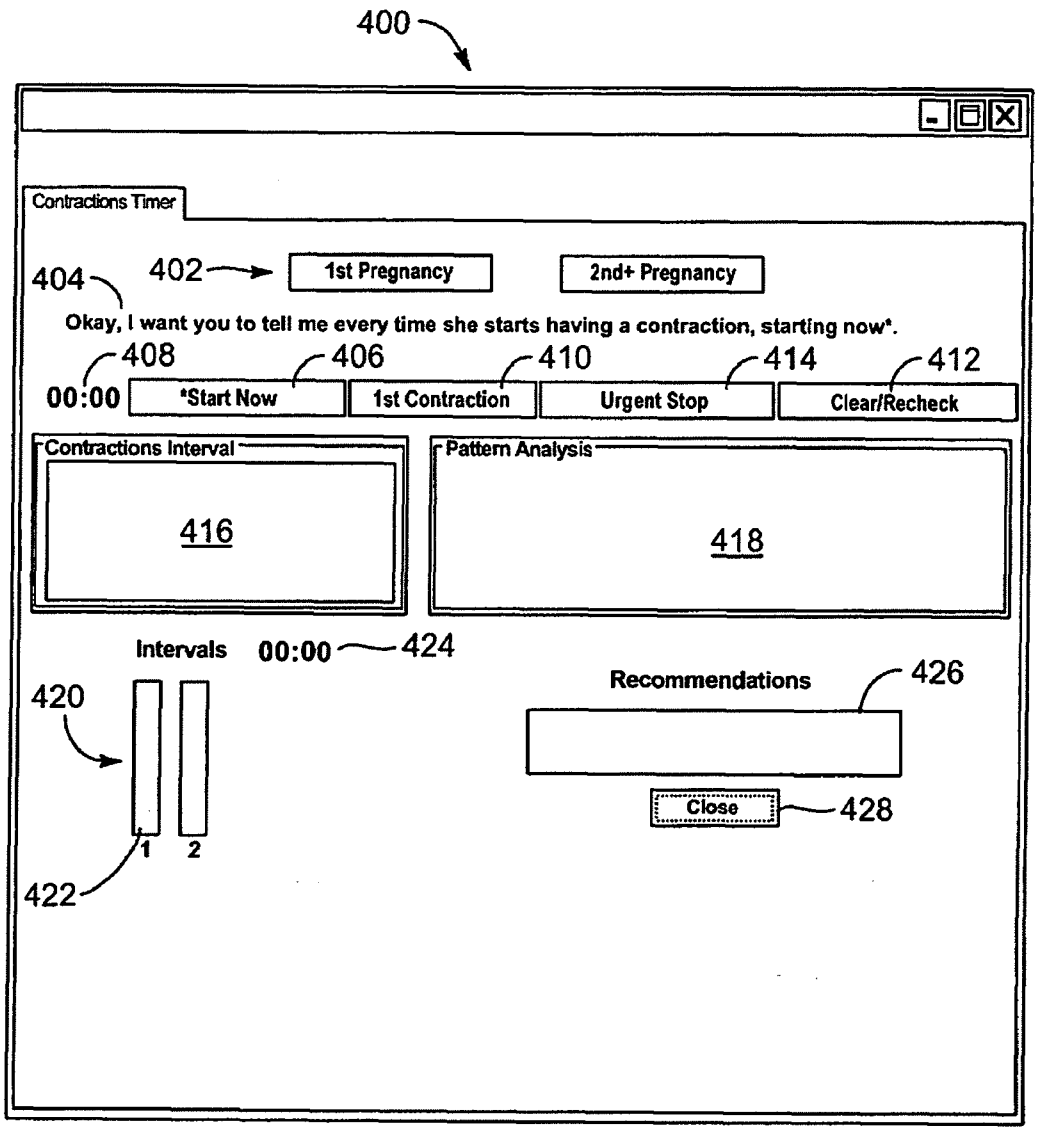

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
00:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
416
Pattern Analysis
418
Intervals
00:00
424
420
Recommendations
426
Close
428
1
2
422

FIG. 4A

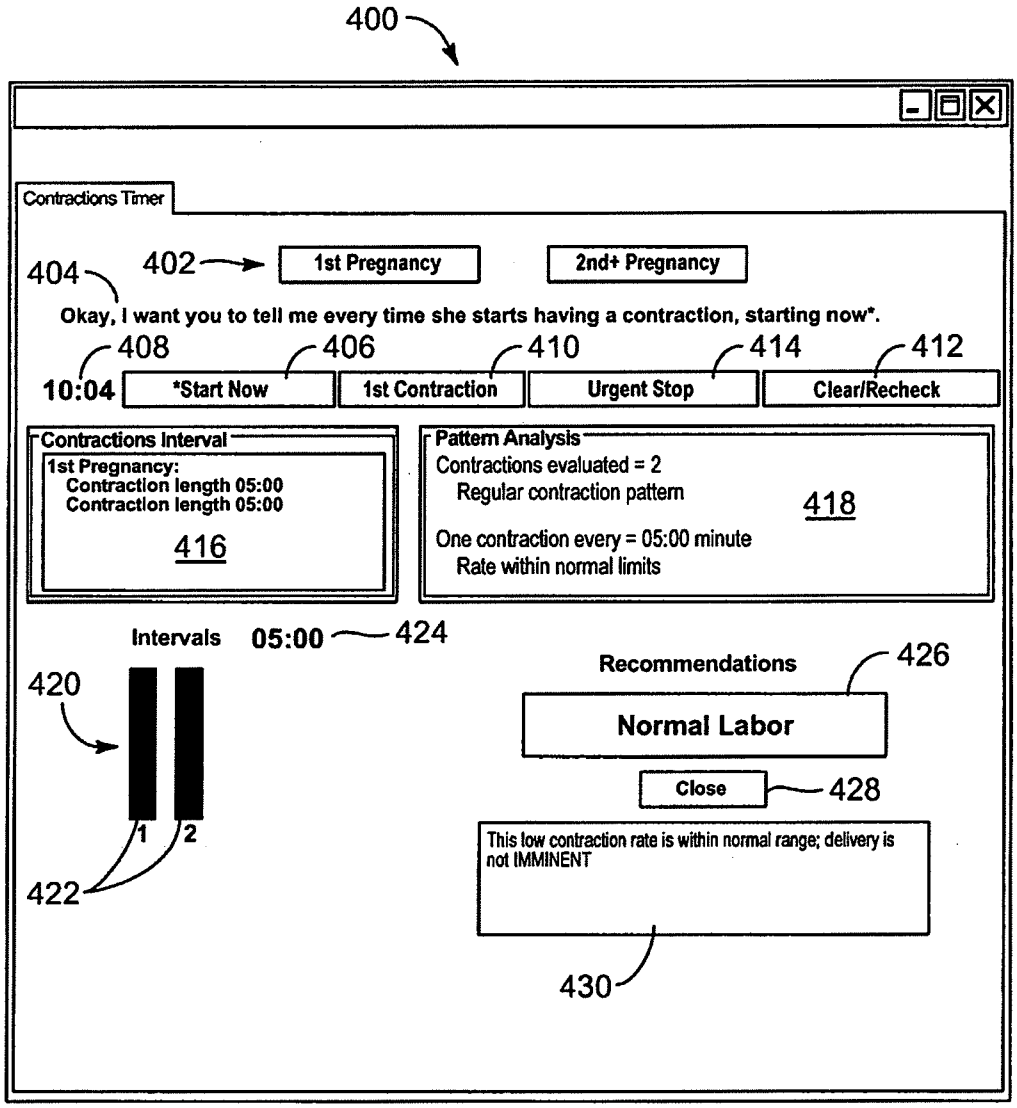

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
10:04
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 05:00
Contraction length 05:00
416
Pattern Analysis
Contractions evaluated = 2
Regular contraction pattern
418
One contraction every = 05:00 minute
Rate within normal limits
Intervals
05:00
424
420
1
2
422
Recommendations
426
Normal Labor
Close
428
This low contraction rate is within normal range; delivery is not IMMINENT
430

FIG. 4B

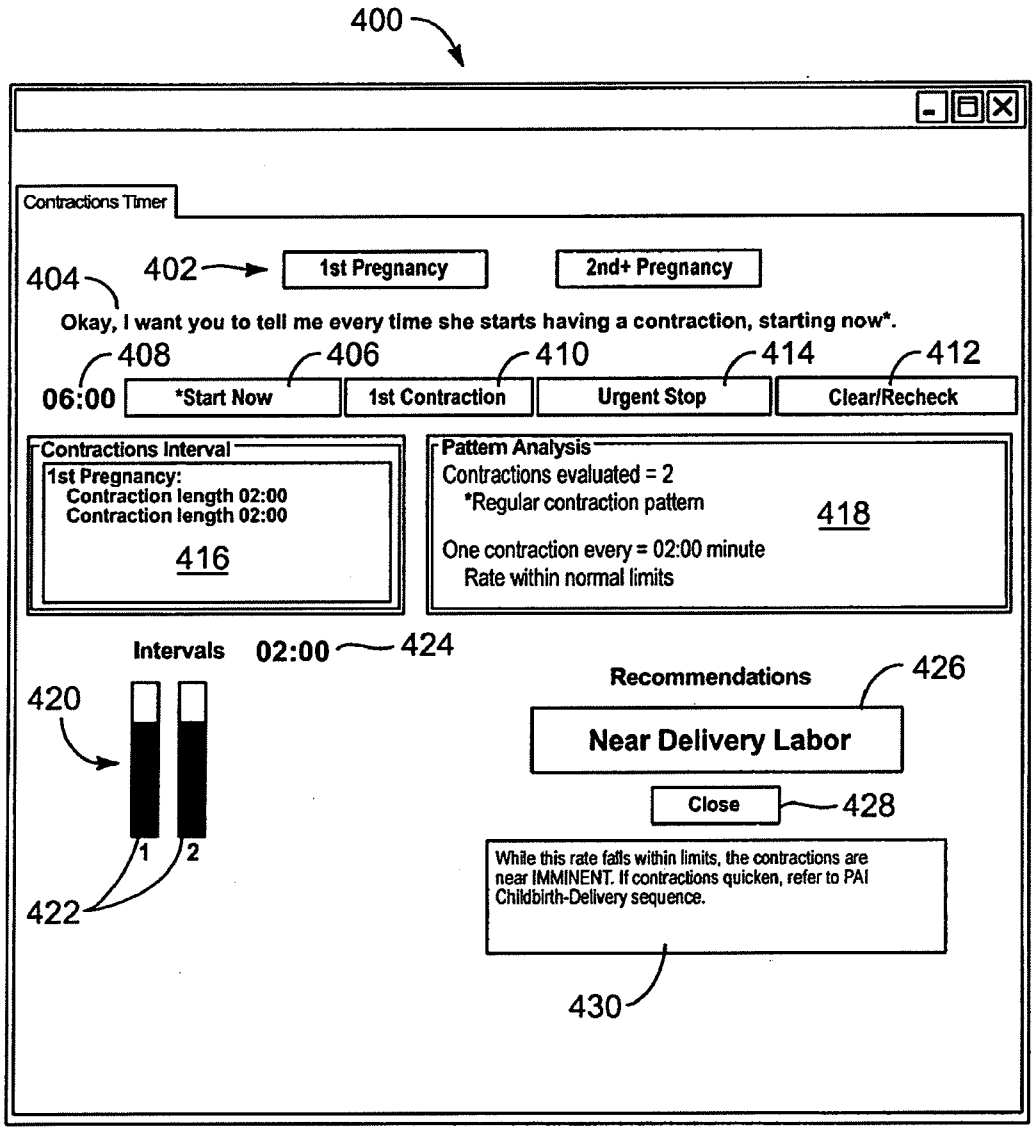

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
06:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 02:00
Contraction length 02:00
416
Pattern Analysis
Contractions evaluated = 2
*Regular contraction pattern
418
One contraction every = 02:00 minute
Rate within normal limits
Intervals
02:00
424
420
1
2
422
Recommendations
426
Near Delivery Labor
Close
428
While this rate falls within limits, the contractions are near IMMINENT. If contractions quicken, refer to PAI Childbirth-Delivery sequence.
430

FIG. 4C

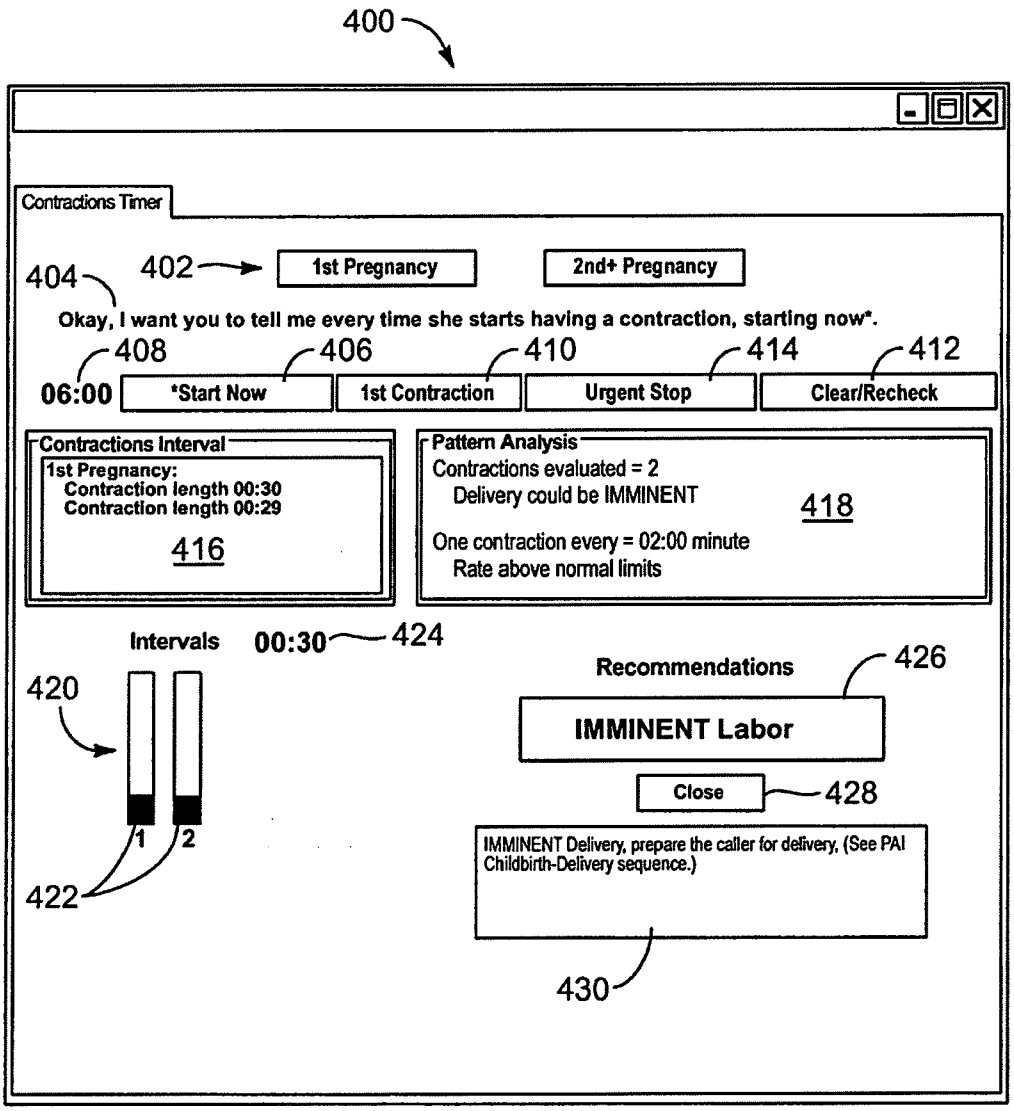

400
Contractions Timer
404
402
1st Pregnancy
2nd+ Pregnancy
Okay, I want you to tell me every time she starts having a contraction, starting now*.
408
406
410
414
412
06:00
*Start Now
1st Contraction
Urgent Stop
Clear/Recheck
Contractions Interval
1st Pregnancy:
Contraction length 00:30
Contraction length 00:29
416
Pattern Analysis
Contractions evaluated = 2
Delivery could be IMMINENT
418
One contraction every = 02:00 minute
Rate above normal limits
Intervals
00:30
424
420
1
2
422
Recommendations
426
IMMINENT Labor
Close
428
IMMINENT Delivery, prepare the caller for delivery, (See PAI Childbirth-Delivery sequence.)
430

FIG. 4D

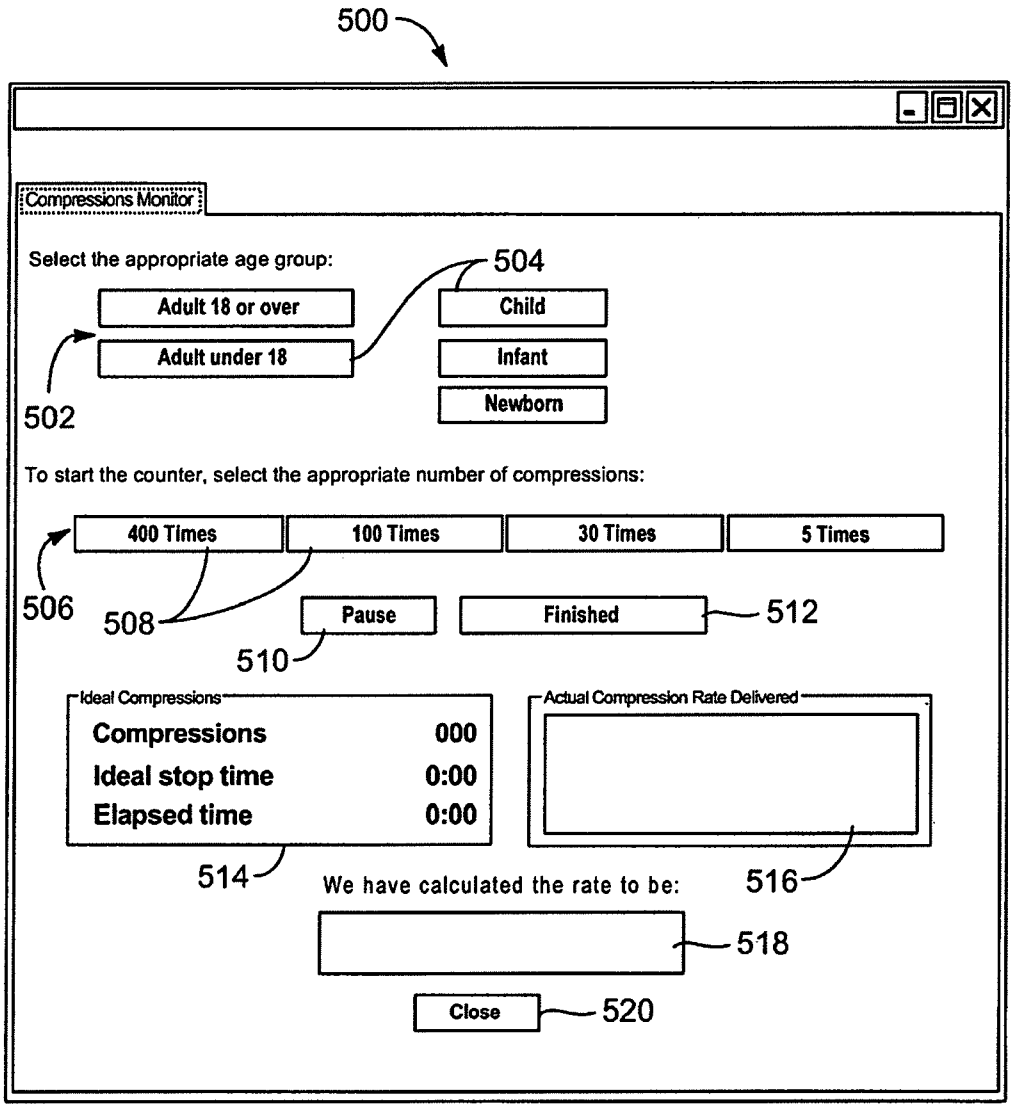

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
100 Times
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 000
Ideal stop time 0:00
Elapsed time 0:00
514
Actual Compression Rate Delivered
516
We have calculated the rate to be:
518
Close
520

FIG. 5A

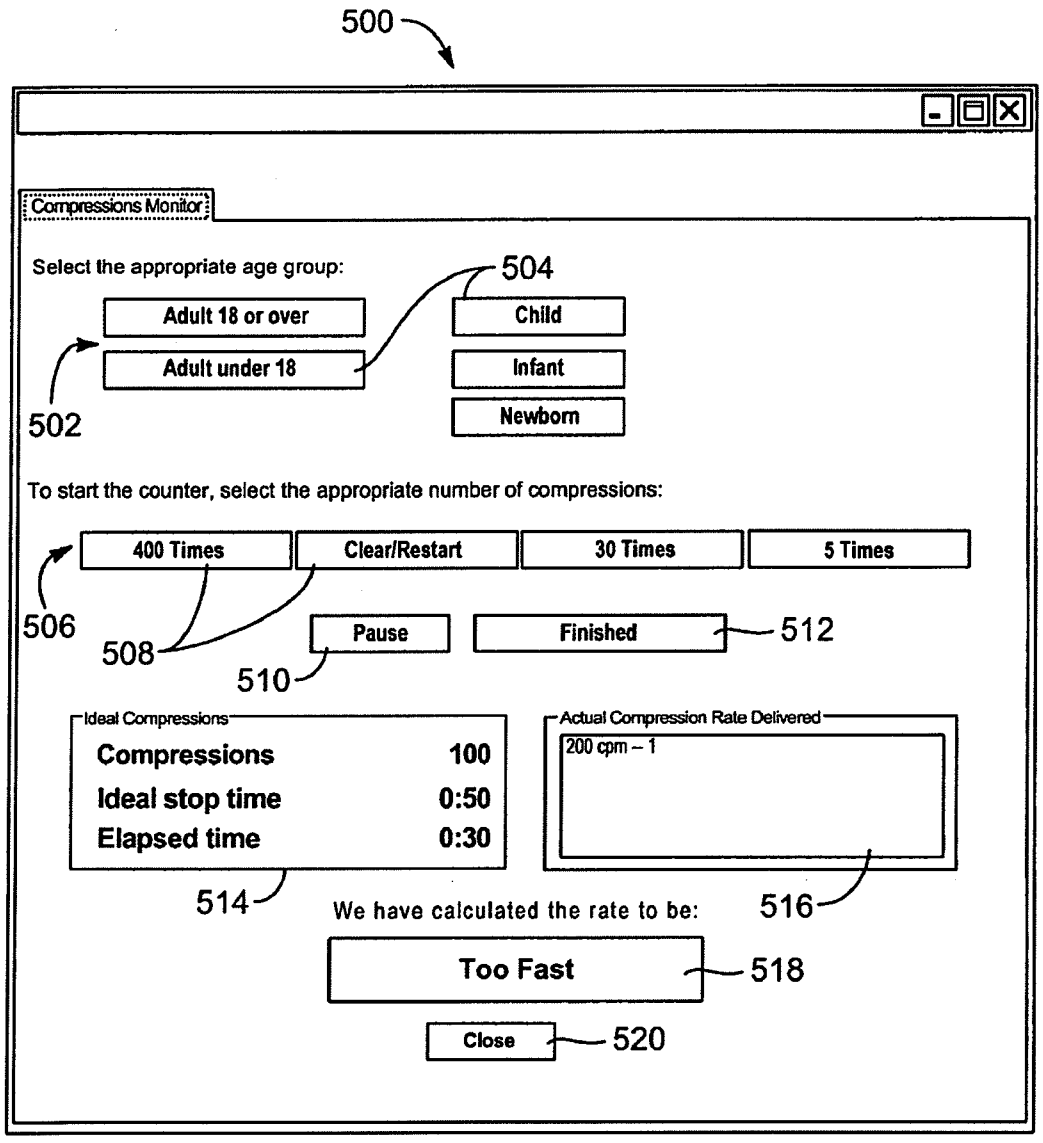

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 0:30
514
Actual Compression Rate Delivered
200 cpm – 1
516
We have calculated the rate to be:
Too Fast
518
Close
520

FIG. 5B

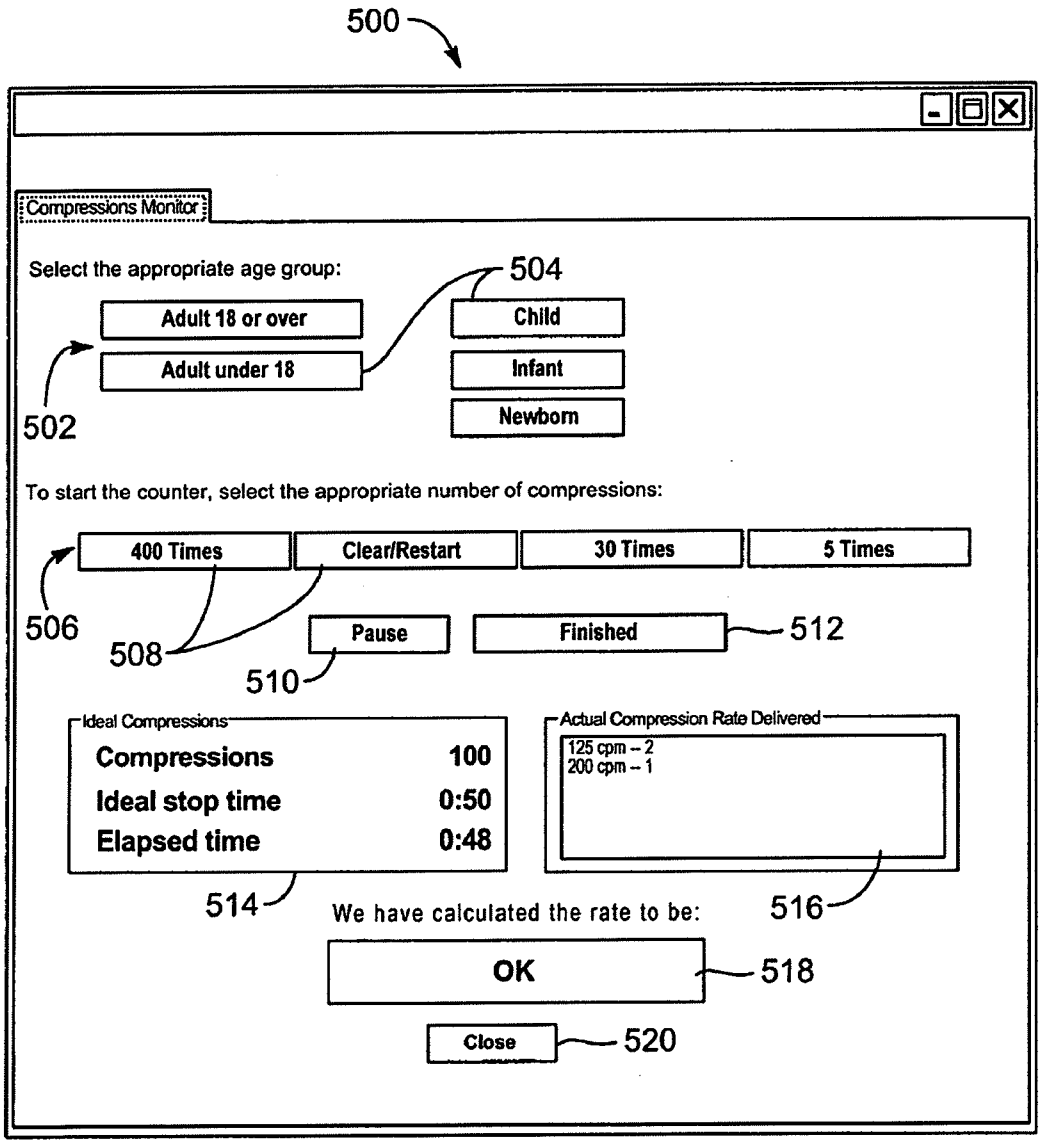

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 0:48
Actual Compression Rate Delivered
125 cpm -- 2
200 cpm -- 1
514
We have calculated the rate to be:
516
OK
518
Close
520

FIG. 5C

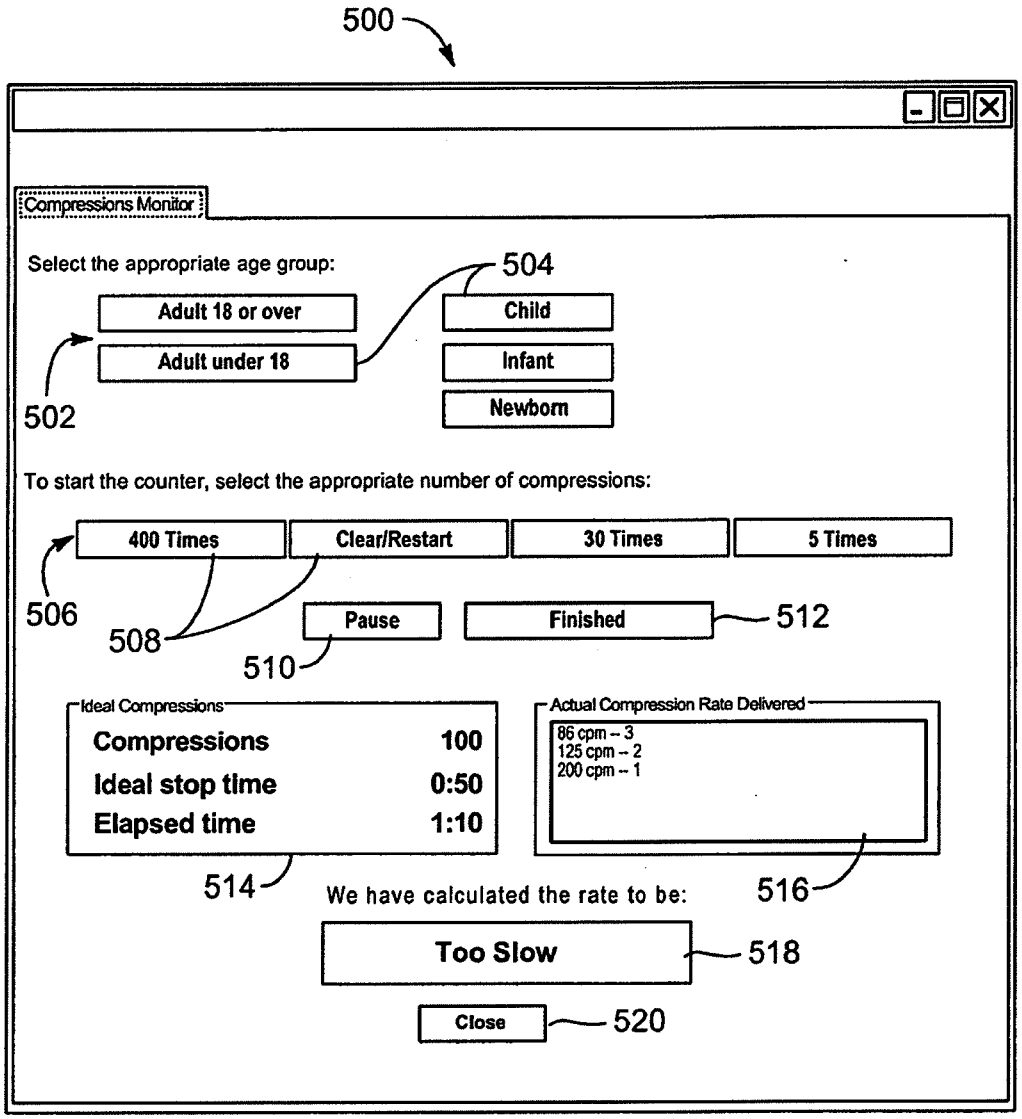

500
Compressions Monitor
Select the appropriate age group:
Adult 18 or over
Adult under 18
Child
Infant
Newborn
504
502
To start the counter, select the appropriate number of compressions:
400 Times
Clear/Restart
30 Times
5 Times
506
508
Pause
Finished
512
510
Ideal Compressions
Compressions 100
Ideal stop time 0:50
Elapsed time 1:10
Actual Compression Rate Delivered
86 cpm -- 3
125 cpm -- 2
200 cpm -- 1
514
516
We have calculated the rate to be:
Too Slow
518
Close
520

FIG. 5D