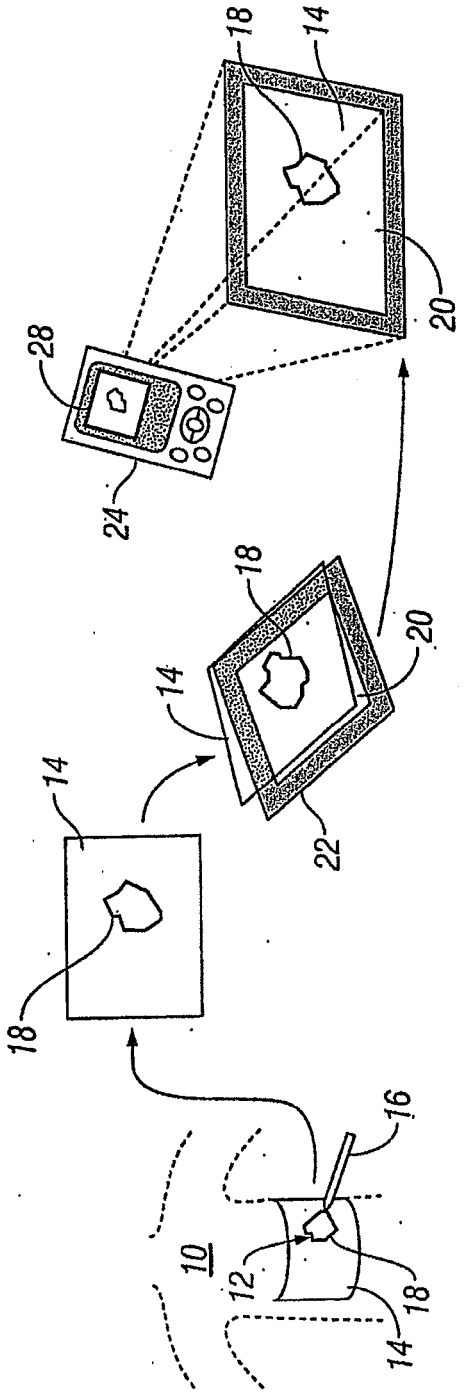



FIG. 1

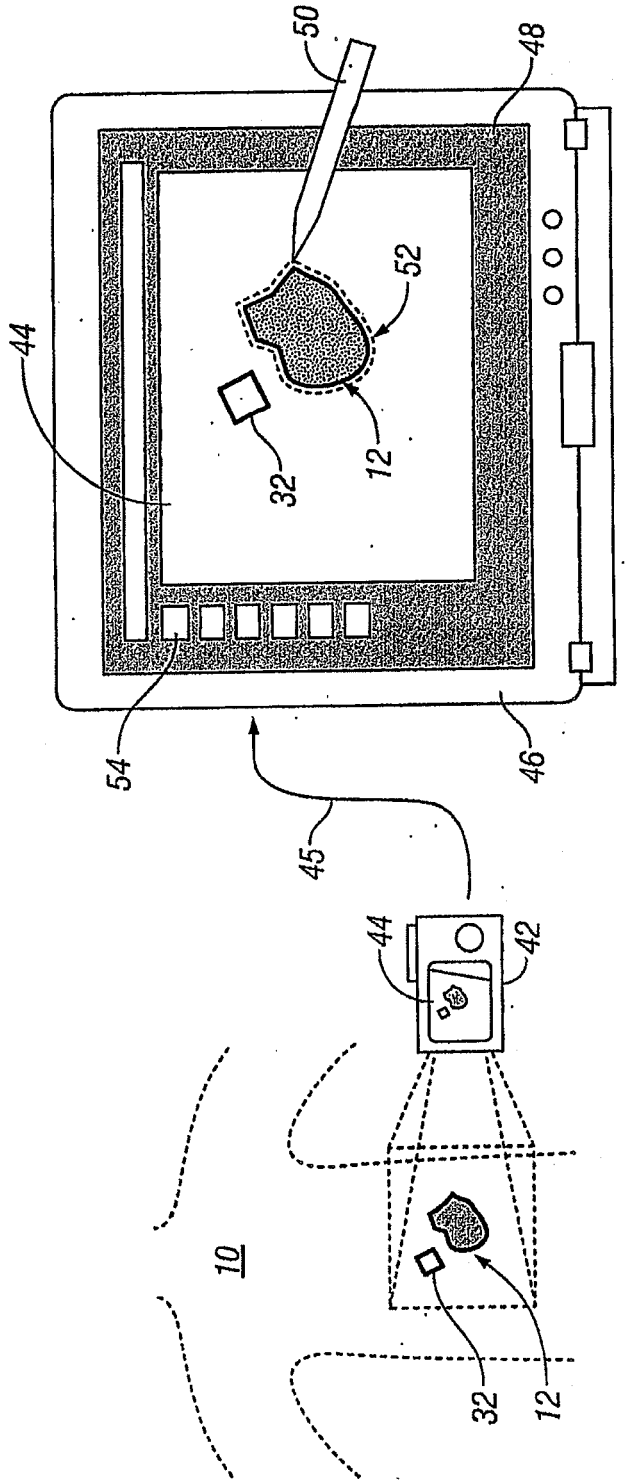



FIG. 2

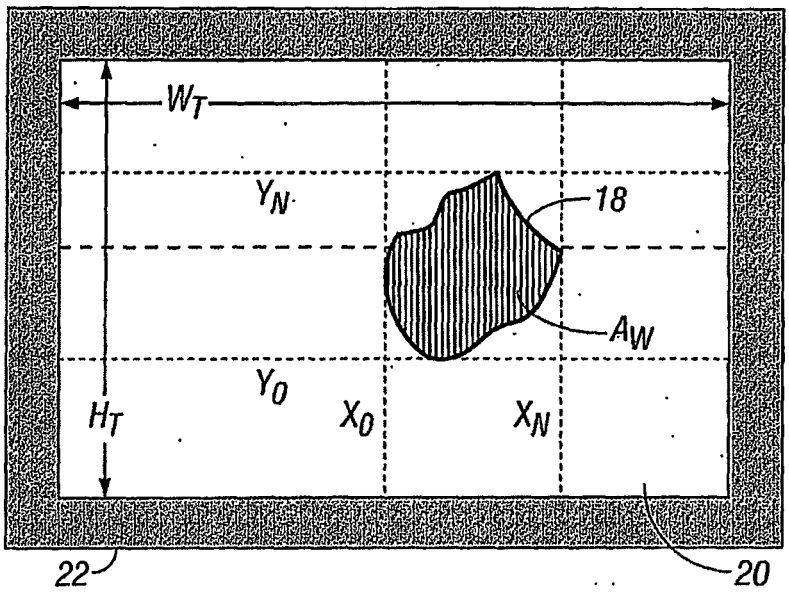

$W_T$
$Y_N$
18
$A_W$
$Y_0$
$H_T$
$X_0$
$X_N$
22
20

FIG. 3A

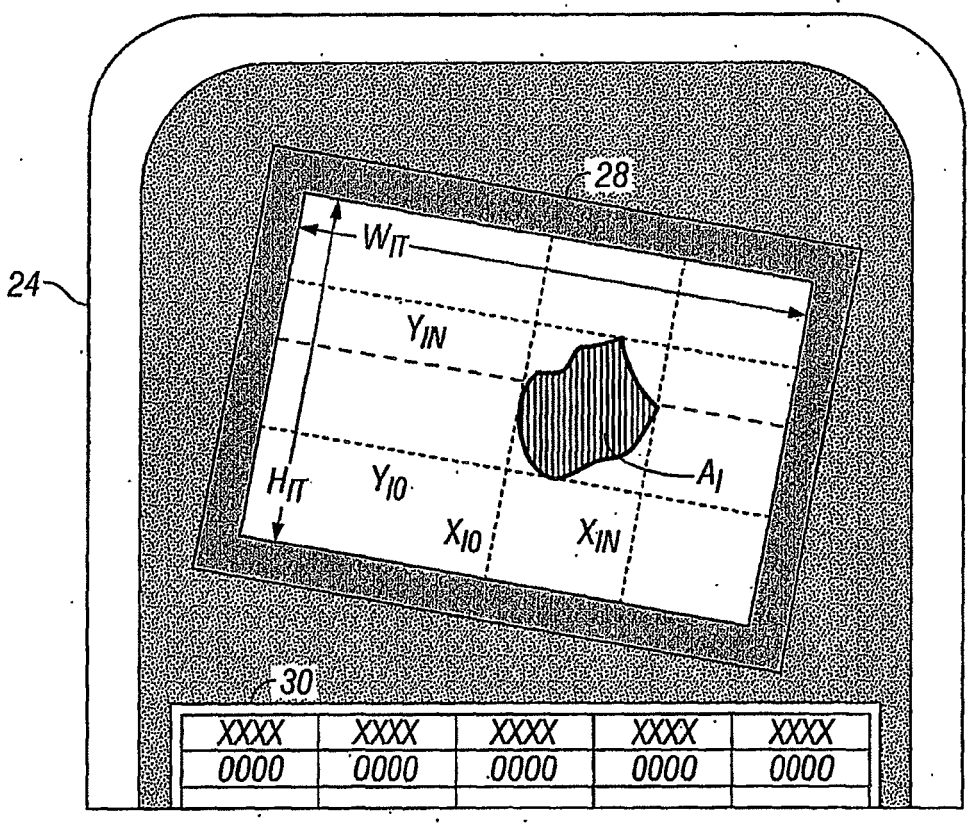

28
$W_{IT}$
24
$Y_{IN}$
$A_I$
$H_{IT}$
$Y_{I0}$
$X_{I0}$
$X_{IN}$
30
XXXX XXXX XXXX XXXX XXXX
0000 0000 0000 0000 0000

FIG. 3B

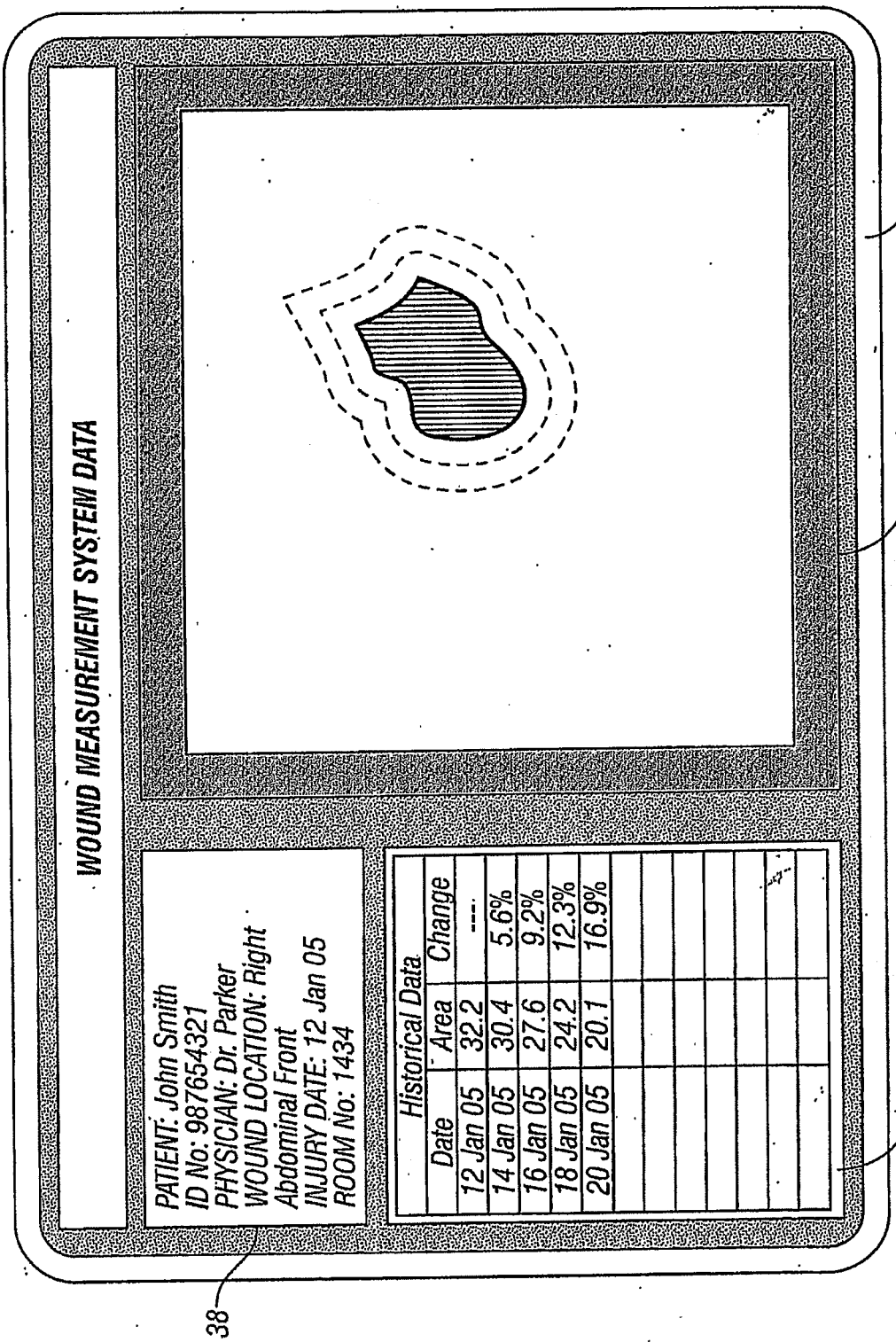

WOUND MEASUREMENT SYSTEM DATA
PATIENT: John Smith
ID No: 987654321
PHYSICIAN: Dr. Parker
WOUND LOCATION: Right Abdominal Front
INJURY DATE: 12 Jan 05
ROOM No: 1434
Historical Data
Date
Area
Change
12 Jan 05 32.2 ---
14 Jan 05 30.4 5.6%
16 Jan 05 27.6 9.2%
18 Jan 05 24.2 12.3%
20 Jan 05 20.1 16.9%
34
36
38
40

FIG. 4

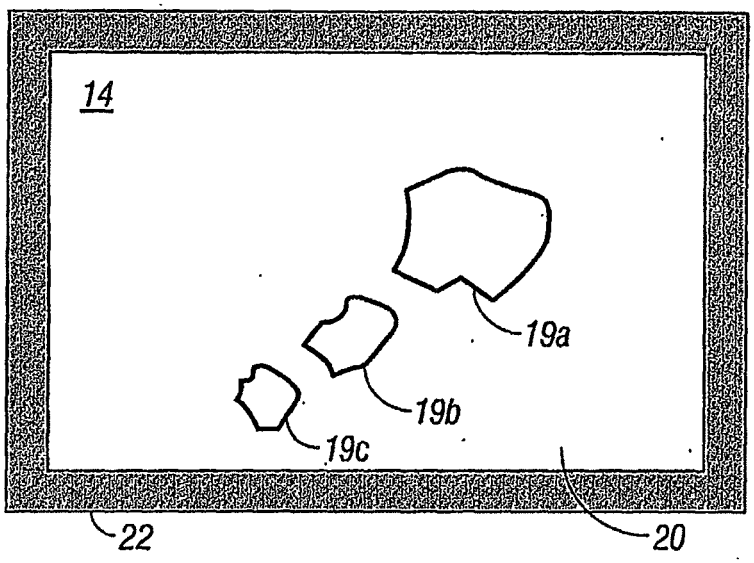



FIG. 5

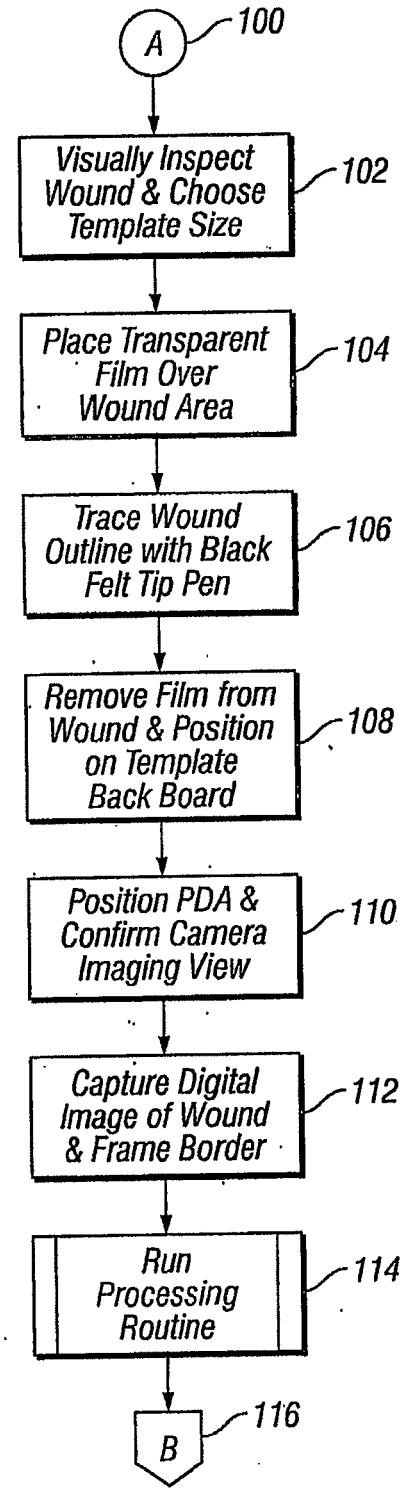

A
100
Visually Inspect Wound & Choose Template Size
102
Place Transparent Film Over Wound Area
104
Trace Wound Outline with Black Felt Tip Pen
106
Remove Film from Wound & Position on Template Back Board
108
Position PDA & Confirm Camera Imaging View
110
Capture Digital Image of Wound & Frame Border
112
Run Processing Routine
114
B
116

FIG. 6A

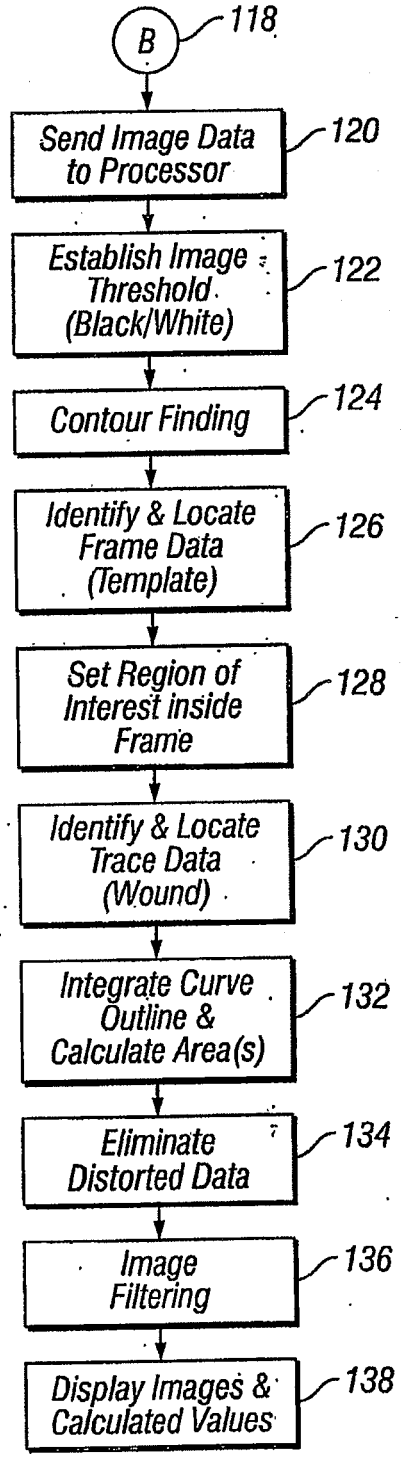

B
118
Send Image Data to Processor
120
Establish Image Threshold (Black/White)
122
Contour Finding
124
Identify & Locate Frame Data (Template)
126
Set Region of Interest inside Frame
128
Identify & Locate Trace Data (Wound)
130
Integrate Curve Outline & Calculate Area(s)
132
Eliminate Distorted Data
134
Image Filtering
136
Display Images & Calculated Values
138

FIG. 6B

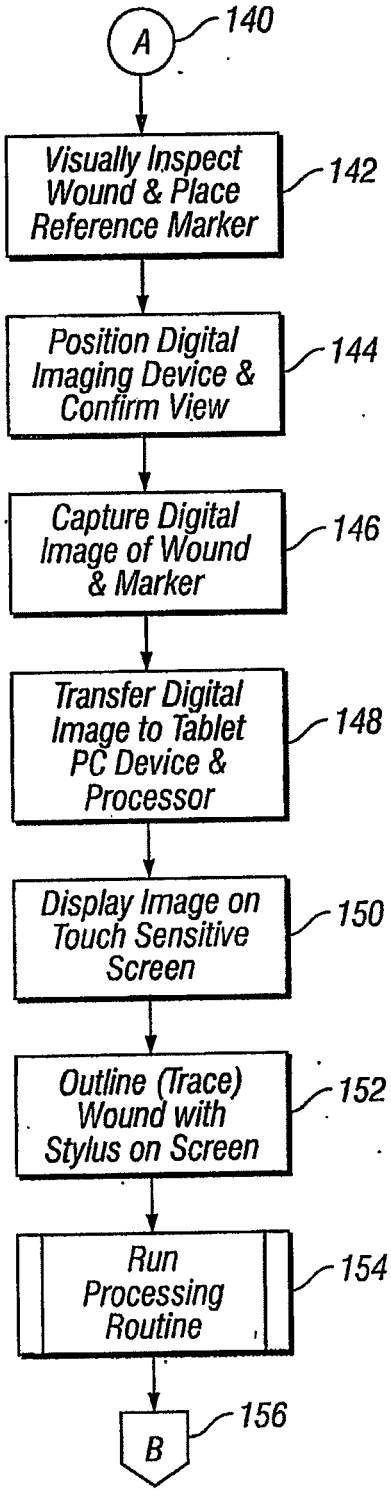

A
140
Visually Inspect Wound & Place Reference Marker
142
Position Digital Imaging Device & Confirm View
144
Capture Digital Image of Wound & Marker
146
Transfer Digital Image to Tablet PC Device & Processor
148
Display Image on Touch Sensitive Screen
150
Outline (Trace) Wound with Stylus on Screen
152
Run Processing Routine
154
B
156

FIG. 7A

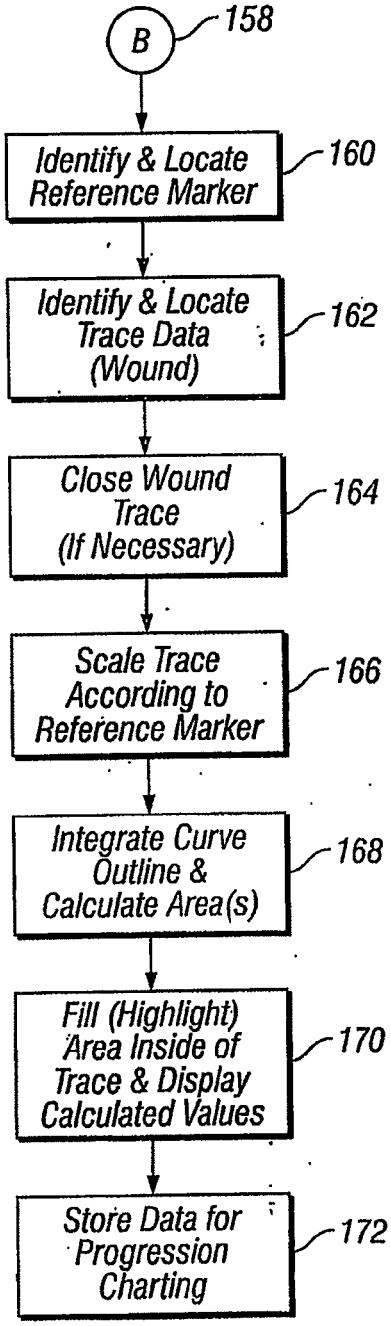

B
158
Identify & Locate Reference Marker
160
Identify & Locate Trace Data (Wound)
162
Close Wound Trace (If Necessary)
164
Scale Trace According to Reference Marker
166
Integrate Curve Outline & Calculate Area(s)
168
Fill (Highlight) Area Inside of Trace & Display Calculated Values
170
Store Data for Progression Charting
172

FIG. 7B