27 SEP 2004

Figure 1

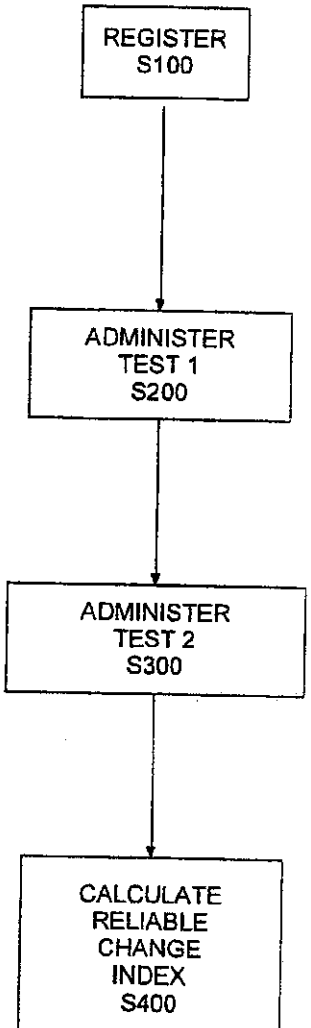


Figure 2

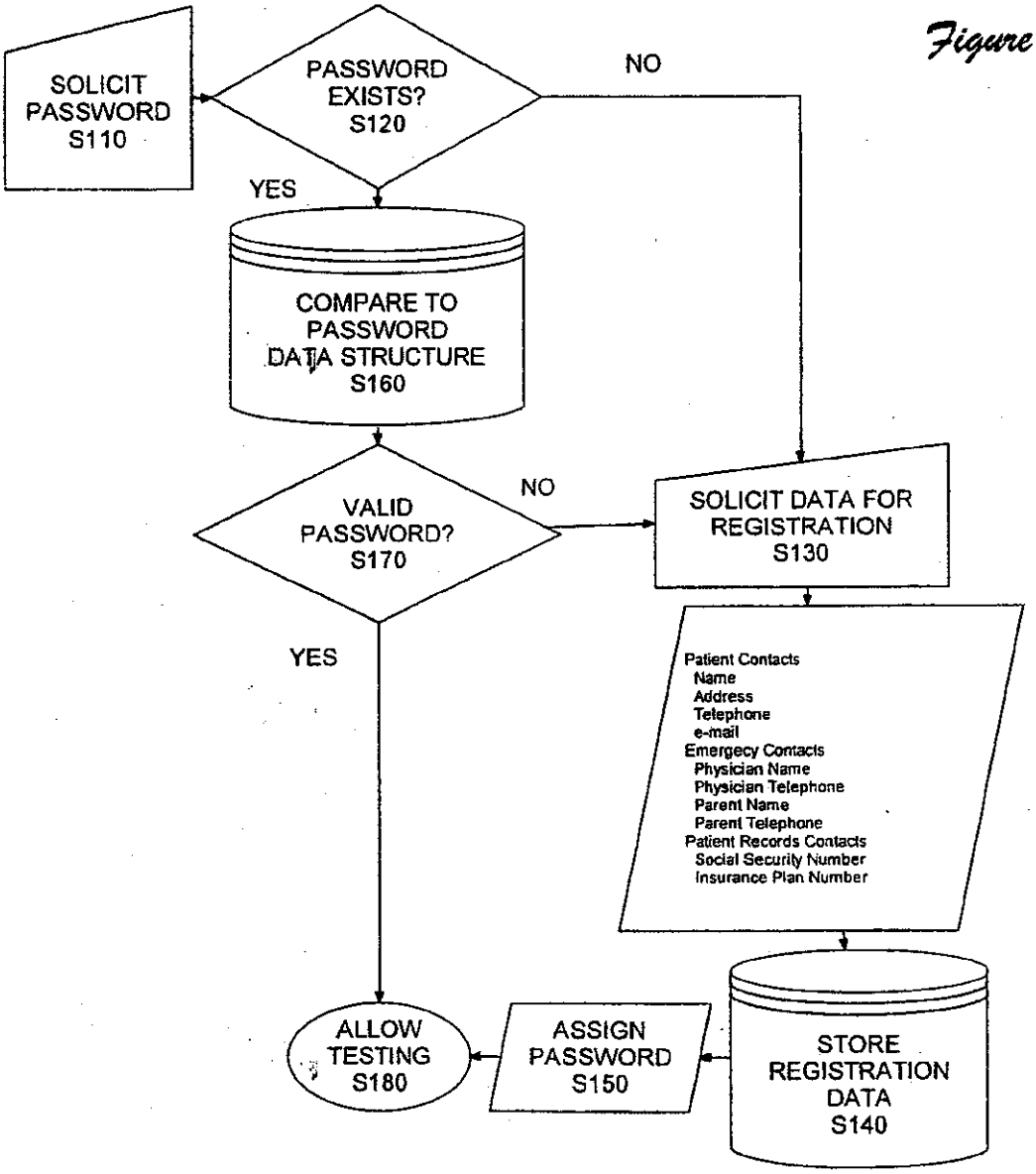

SOLICIT PASSWORD S110
PASSWORD EXISTS? S120
NO
YES
COMPARE TO PASSWORD DATA STRUCTURE S160
VALID PASSWORD? S170
NO
YES
SOLICIT DATA FOR REGISTRATION S130
Patient Contacts
Name
Address
Telephone
e-mail
Emergecy Contacts
Physician Name
Physician Telephone
Parent Name
Parent Telephone
Patient Records Contacts
Social Security Number
Insurance Plan Number
STORE REGISTRATION DATA S140
ASSIGN PASSWORD S150
ALLOW TESTING S180

Figure 3

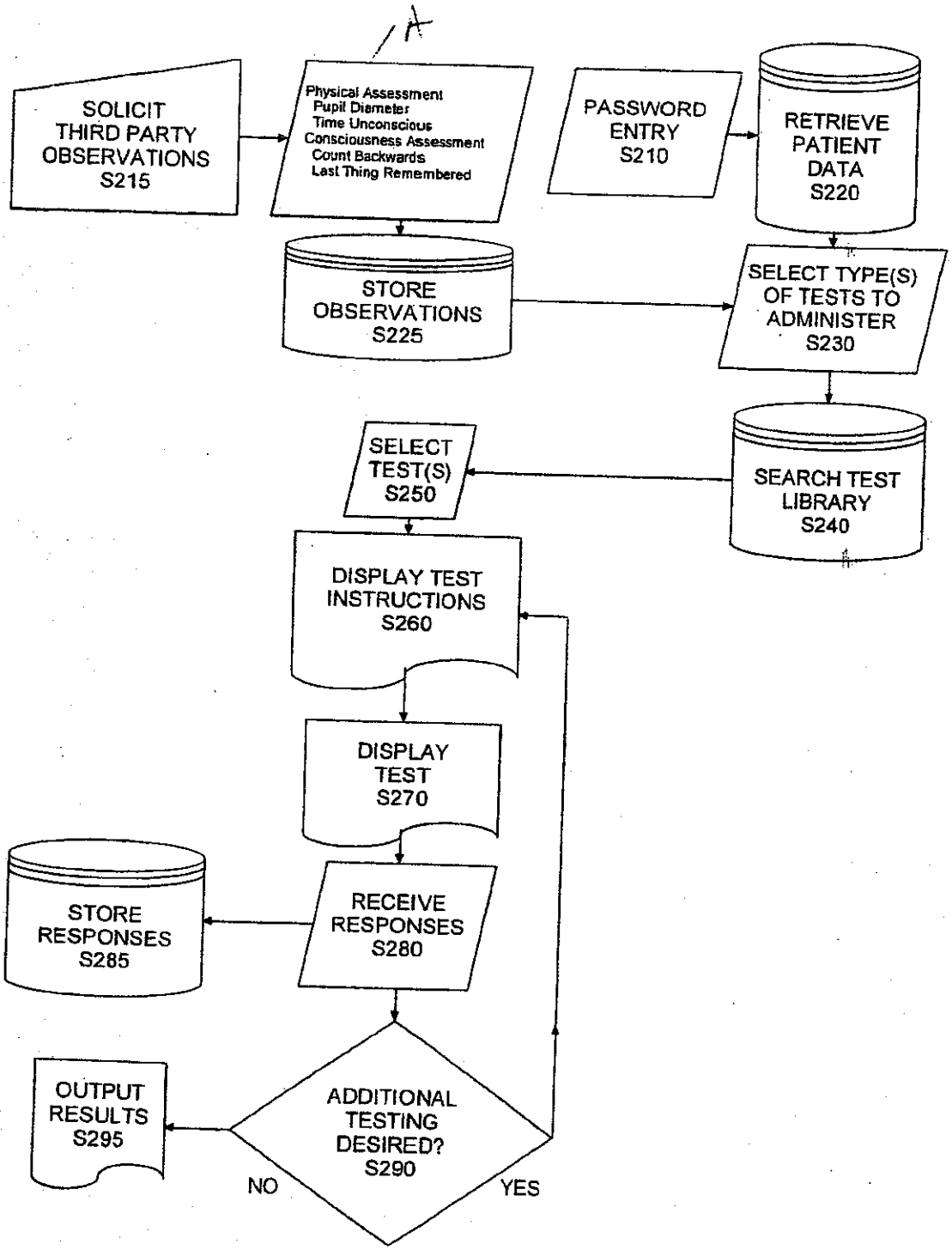

1A
SOLICIT THIRD PARTY OBSERVATIONS S215
Physical Assessment
Pupil Diameter
Time Unconscious
Consciousness Assessment
Count Backwards
Last Thing Remembered
PASSWORD ENTRY S210
RETRIEVE PATIENT DATA S220
STORE OBSERVATIONS S225
SELECT TYPE(S) OF TESTS TO ADMINISTER S230
SEARCH TEST LIBRARY S240
SELECT TEST(S) S250
DISPLAY TEST INSTRUCTIONS S260
DISPLAY TEST S270
RECEIVE RESPONSES S280
STORE RESPONSES S285
ADDITIONAL TESTING DESIRED? S290
NO
YES
OUTPUT RESULTS S295

Figure 4

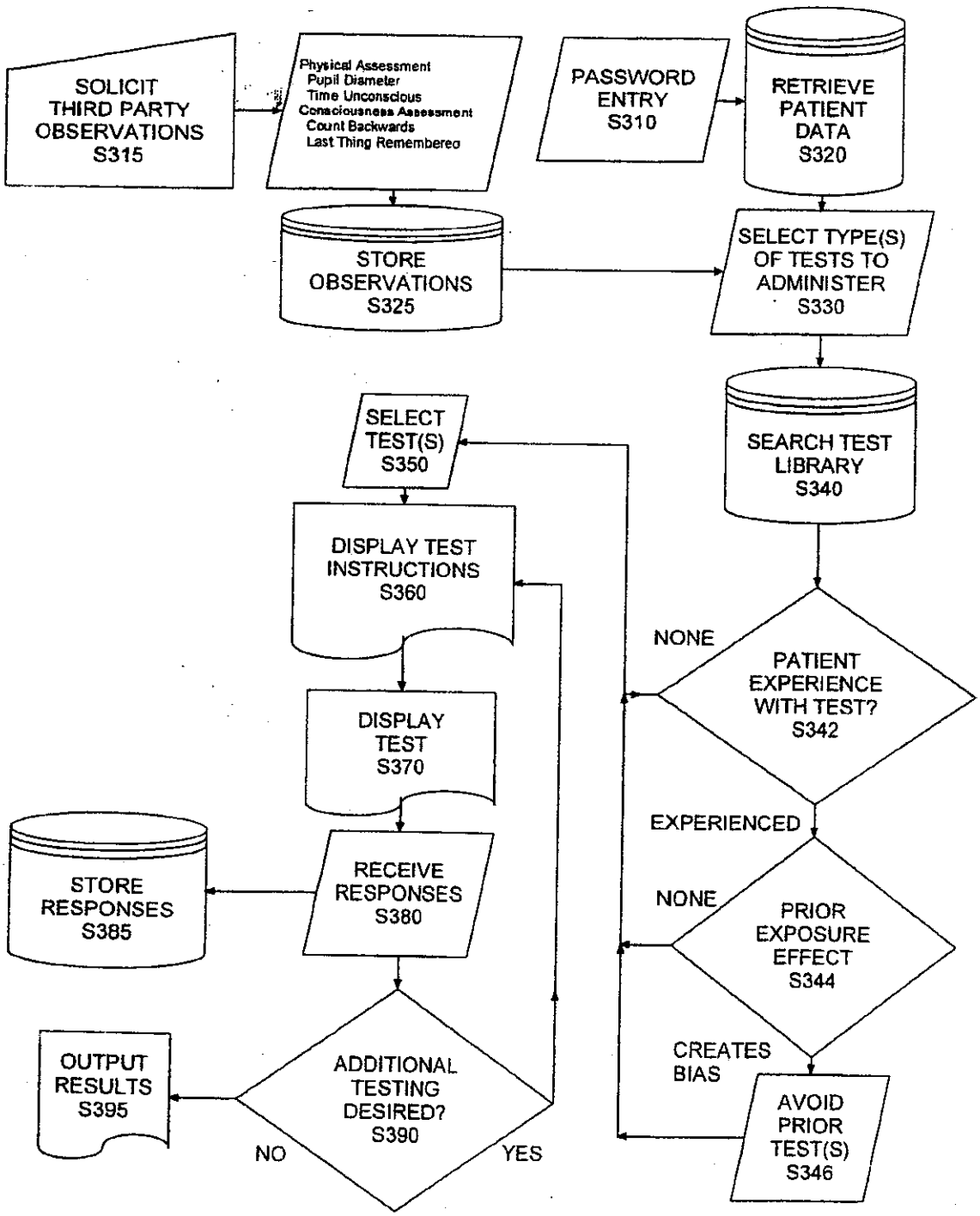
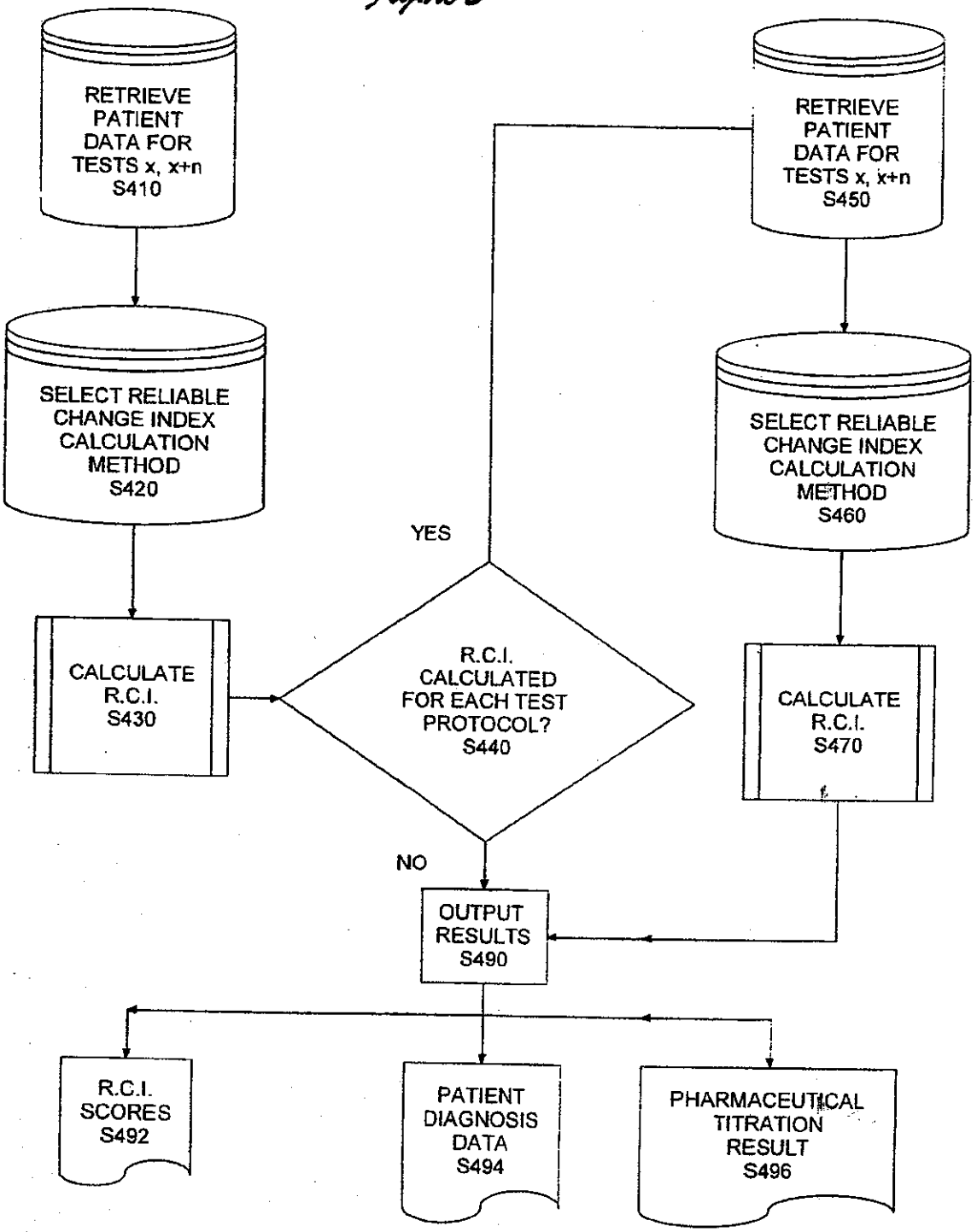

SOLICIT THIRD PARTY OBSERVATIONS S315
Physical Assessment
Pupil Diameter
Time Unconscious
Consciousness Assessment
Count Backwards
Last Thing Remembered
PASSWORD ENTRY S310
RETRIEVE PATIENT DATA S320
STORE OBSERVATIONS S325
SELECT TYPE(S) OF TESTS TO ADMINISTER S330
SEARCH TEST LIBRARY S340
SELECT TEST(S) S350
DISPLAY TEST INSTRUCTIONS S360
DISPLAY TEST S370
RECEIVE RESPONSES S380
STORE RESPONSES S385
ADDITIONAL TESTING DESIRED? S390
NO
YES
OUTPUT RESULTS S395
NONE
PATIENT EXPERIENCE WITH TEST? S342
EXPERIENCED
NONE
PRIOR EXPOSURE EFFECT S344
CREATES BIAS
AVOID PRIOR TEST(S) S346

Figure 5


RETRIEVE PATIENT DATA FOR TESTS x, x+n S410
SELECT RELIABLE CHANGE INDEX CALCULATION METHOD S420
CALCULATE R.C.I. S430
R.C.I. CALCULATED FOR EACH TEST PROTOCOL? S440
YES
NO
RETRIEVE PATIENT DATA FOR TESTS x, x+n S450
SELECT RELIABLE CHANGE INDEX CALCULATION METHOD S460
CALCULATE R.C.I. S470
OUTPUT RESULTS S490
R.C.I. SCORES S492
PATIENT DIAGNOSIS DATA S494
PHARMACEUTICAL TITRATION RESULT S496