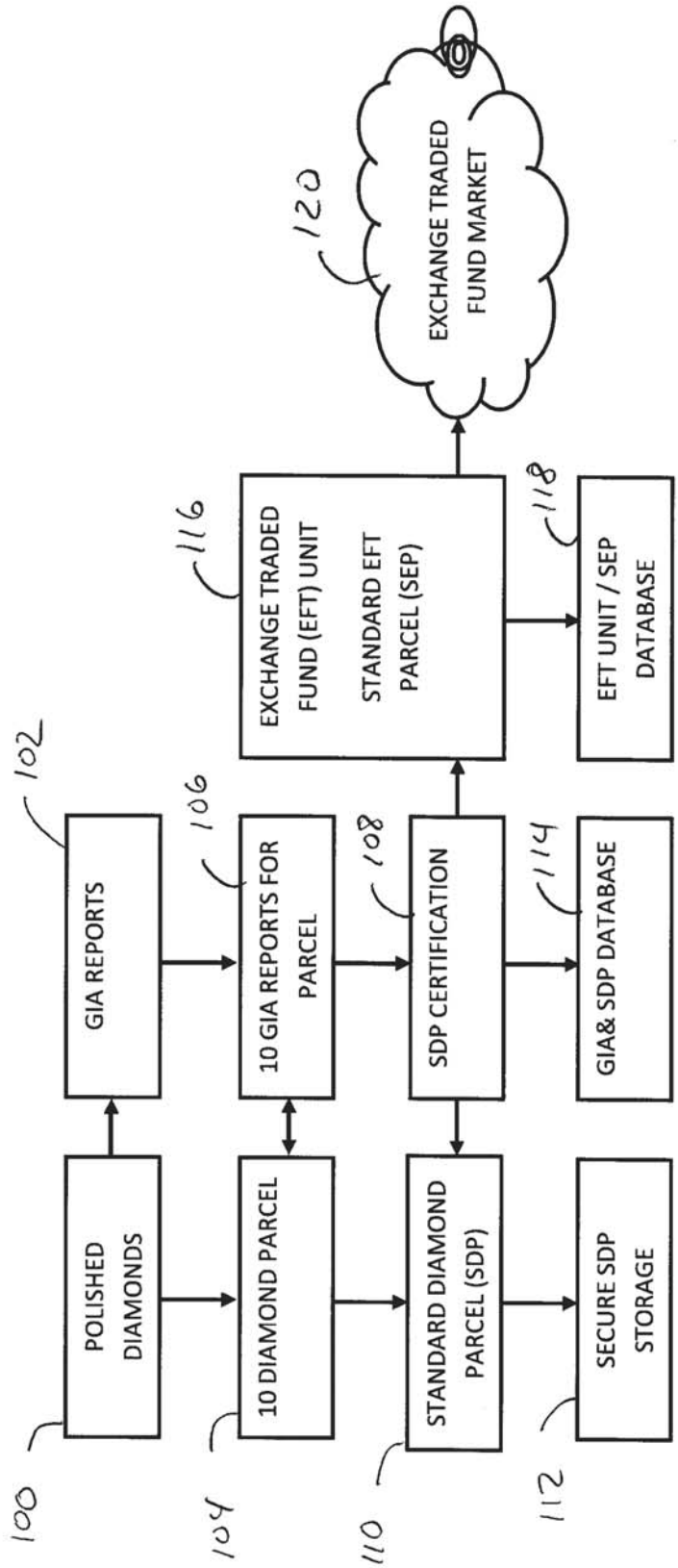

POLISHED DIAMONDS
100
GIA REPORTS
102
10 DIAMOND PARCEL
104
10 GIA REPORTS FOR PARCEL
106
STANDARD DIAMOND PARCEL (SDP)
110
SDP CERTIFICATION
108
SECURE SDP STORAGE
112
GIA& SDP DATABASE
114
EXCHANGE TRADED FUND (EFT) UNIT
STANDARD EFT PARCEL (SEP)
116
EFT UNIT / SEP DATABASE
118
EXCHANGE TRADED FUND MARKET
120

FIG. 1

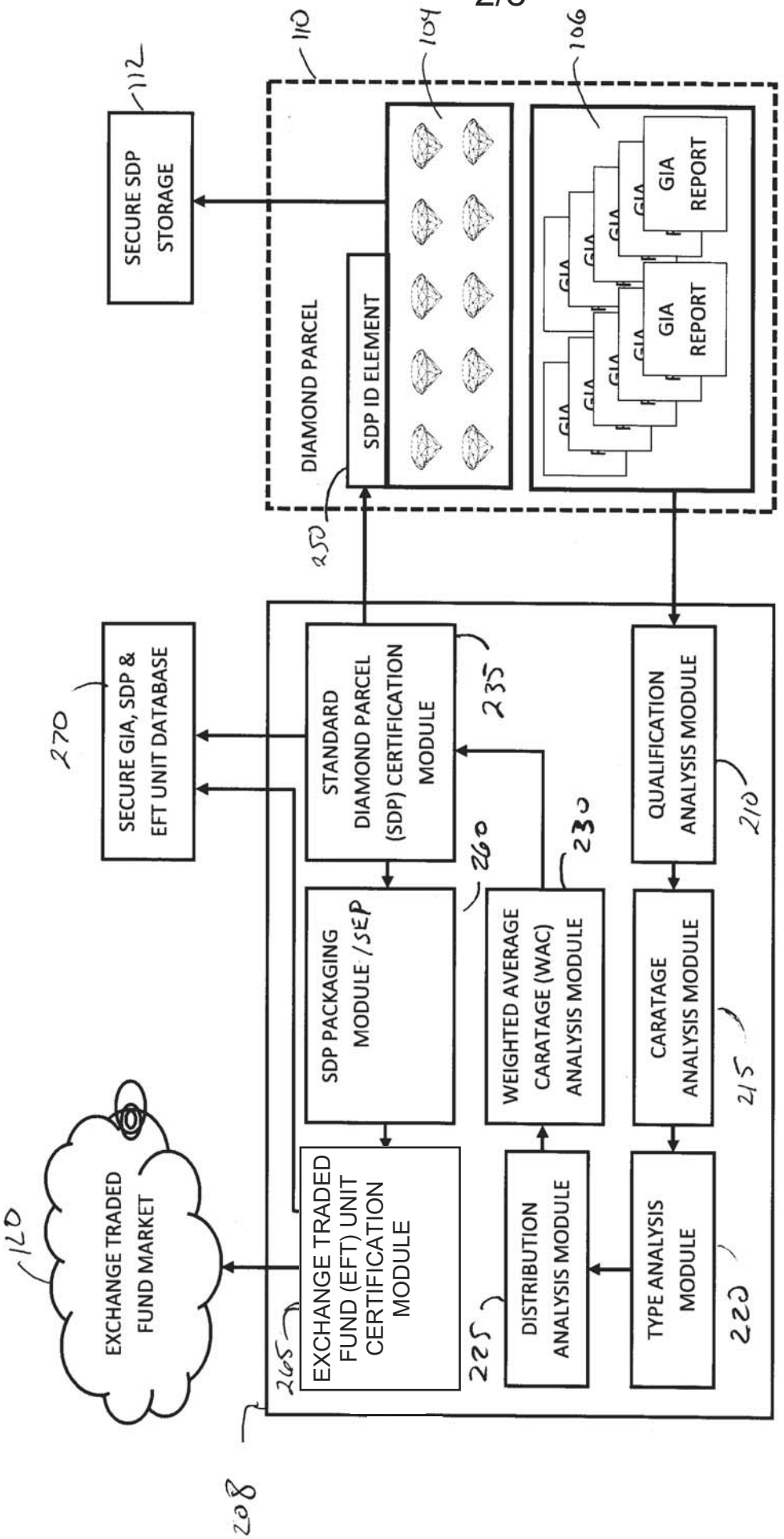

110
104
106
112
SECURE SDP STORAGE
DIAMOND PARCEL
SDP ID ELEMENT
GIA REPORT
250
270
SECURE GIA, SDP & EFT UNIT DATABASE
STANDARD DIAMOND PARCEL (SDP) CERTIFICATION MODULE
235
260
SDP PACKAGING MODULE /SEP
230
WEIGHTED AVERAGE CARATAGE (WAC) ANALYSIS MODULE
QUALIFICATION ANALYSIS MODULE
210
CARATAGE ANALYSIS MODULE
215
120
EXCHANGE TRADED FUND MARKET
265
EXCHANGE TRADED FUND (EFT) UNIT CERTIFICATION MODULE
225
DISTRIBUTION ANALYSIS MODULE
TYPE ANALYSIS MODULE
220
208

FIG. 2

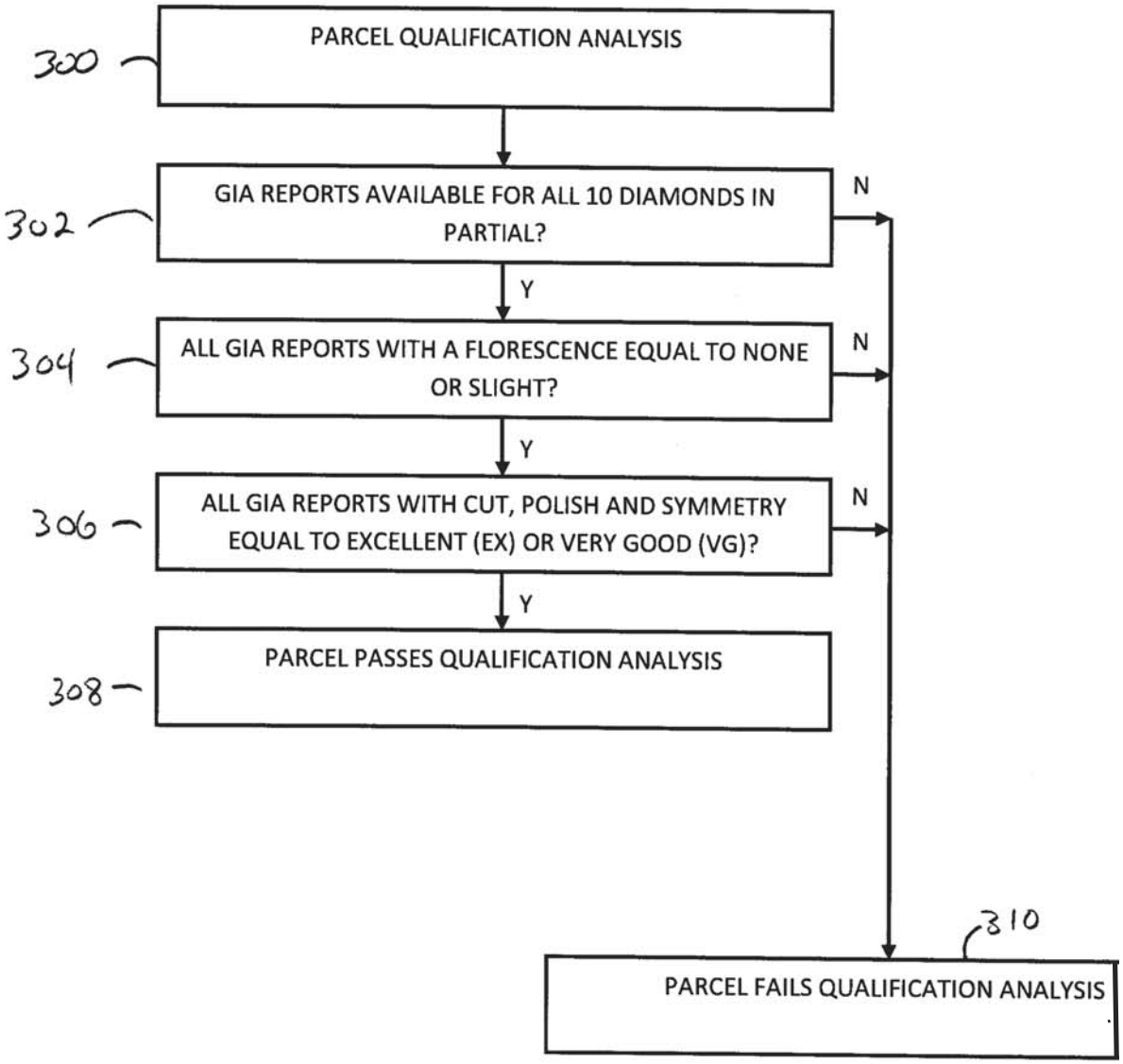

300
PARCEL QUALIFICATION ANALYSIS
302
GIA REPORTS AVAILABLE FOR ALL 10 DIAMONDS IN PARTIAL?
N
Y
304
ALL GIA REPORTS WITH A FLORESCENCE EQUAL TO NONE OR SLIGHT?
N
Y
306
ALL GIA REPORTS WITH CUT, POLISH AND SYMMETRY EQUAL TO EXCELLENT (EX) OR VERY GOOD (VG)?
N
Y
308
PARCEL PASSES QUALIFICATION ANALYSIS
310
PARCEL FAILS QUALIFICATION ANALYSIS

FIG. 3

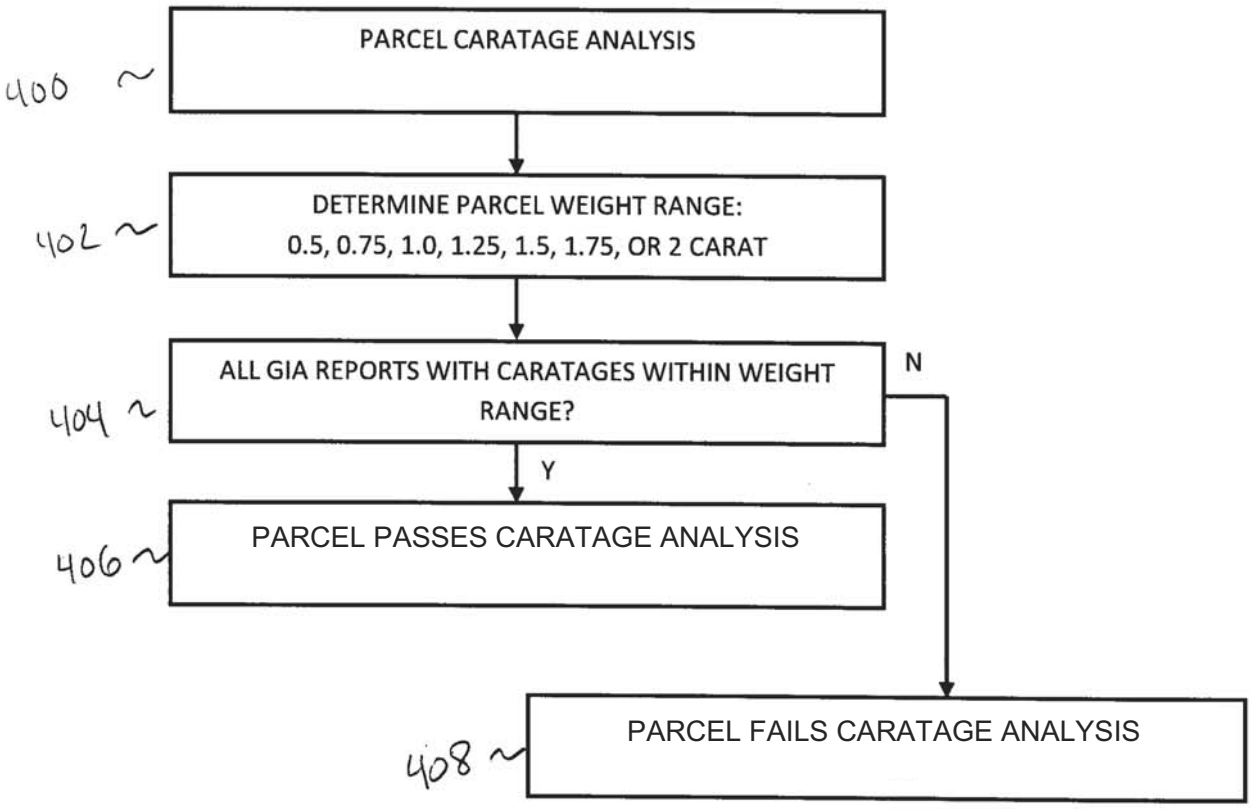

400
PARCEL CARATAGE ANALYSIS
402
DETERMINE PARCEL WEIGHT RANGE:
0.5, 0.75, 1.0, 1.25, 1.5, 1.75, OR 2 CARAT
404
ALL GIA REPORTS WITH CARATAGES WITHIN WEIGHT RANGE?
N
Y
406
PARCEL PASSES CARATAGE ANALYSIS
408
PARCEL FAILS CARATAGE ANALYSIS

FIG. 4

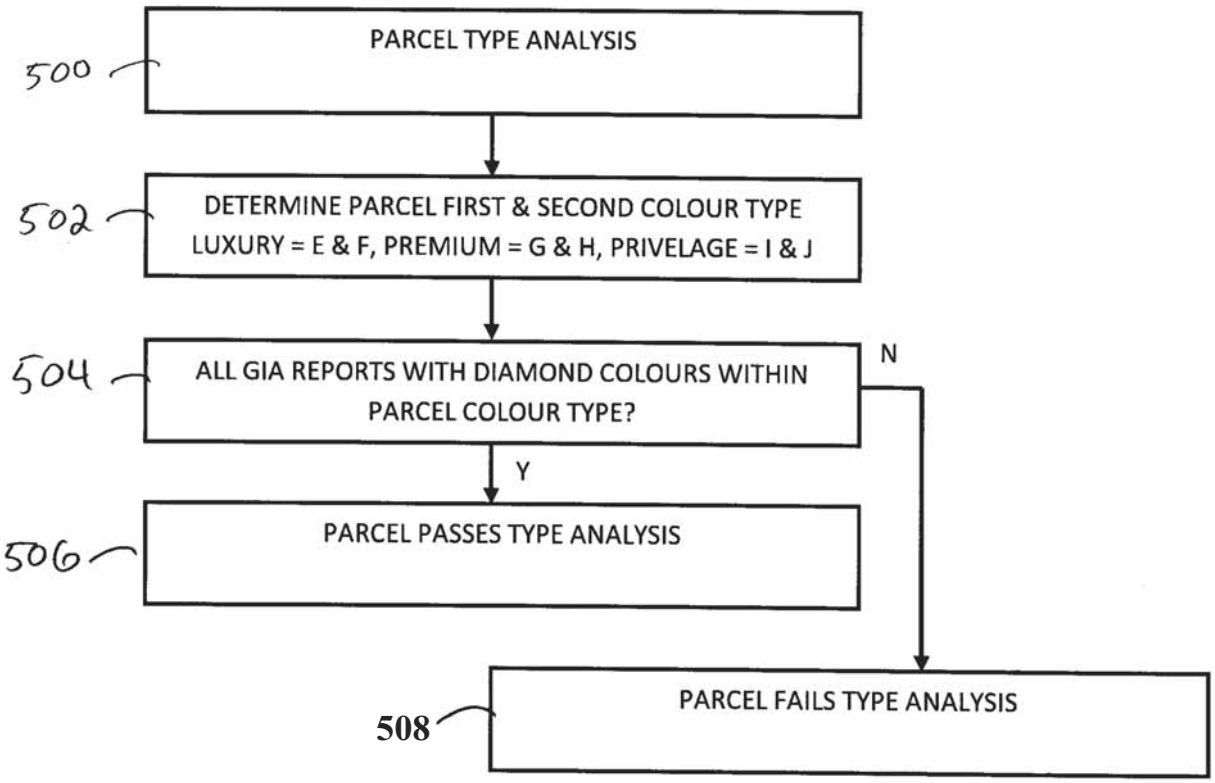

PARCEL TYPE ANALYSIS
500
DETERMINE PARCEL FIRST & SECOND COLOUR TYPE
LUXURY = E & F, PREMIUM = G & H, PRIVELAGE = I & J
502
ALL GIA REPORTS WITH DIAMOND COLOURS WITHIN PARCEL COLOUR TYPE?
504
N
Y
PARCEL PASSES TYPE ANALYSIS
506
PARCEL FAILS TYPE ANALYSIS
508

FIG. 5

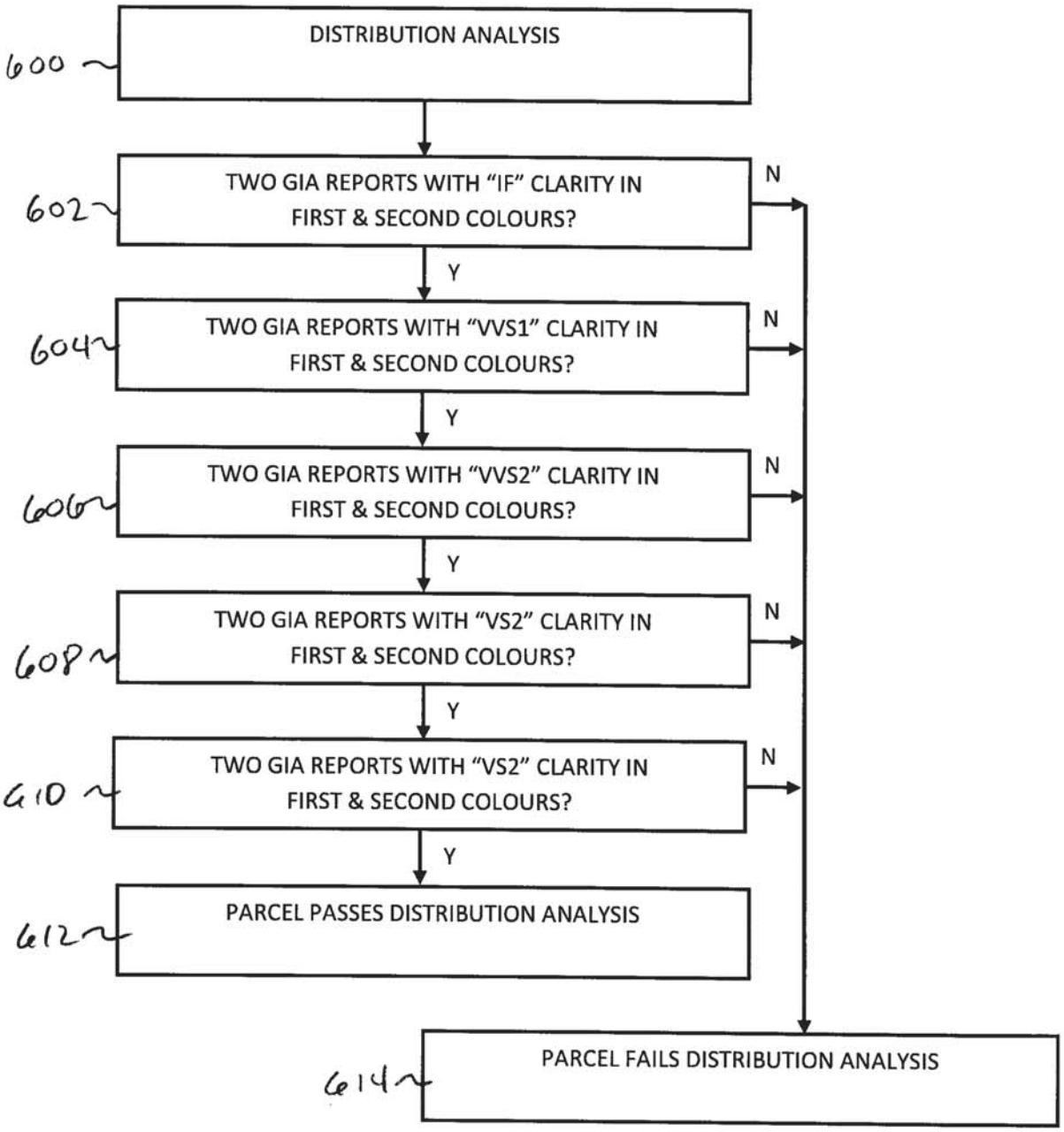

600
DISTRIBUTION ANALYSIS
602
TWO GIA REPORTS WITH "IF" CLARITY IN FIRST & SECOND COLOURS?
N
Y
604
TWO GIA REPORTS WITH "VVS1" CLARITY IN FIRST & SECOND COLOURS?
N
Y
606
TWO GIA REPORTS WITH "VVS2" CLARITY IN FIRST & SECOND COLOURS?
N
Y
608
TWO GIA REPORTS WITH "VS2" CLARITY IN FIRST & SECOND COLOURS?
N
Y
610
TWO GIA REPORTS WITH "VS2" CLARITY IN FIRST & SECOND COLOURS?
N
Y
612
PARCEL PASSES DISTRIBUTION ANALYSIS
614
PARCEL FAILS DISTRIBUTION ANALYSIS

FIG. 6

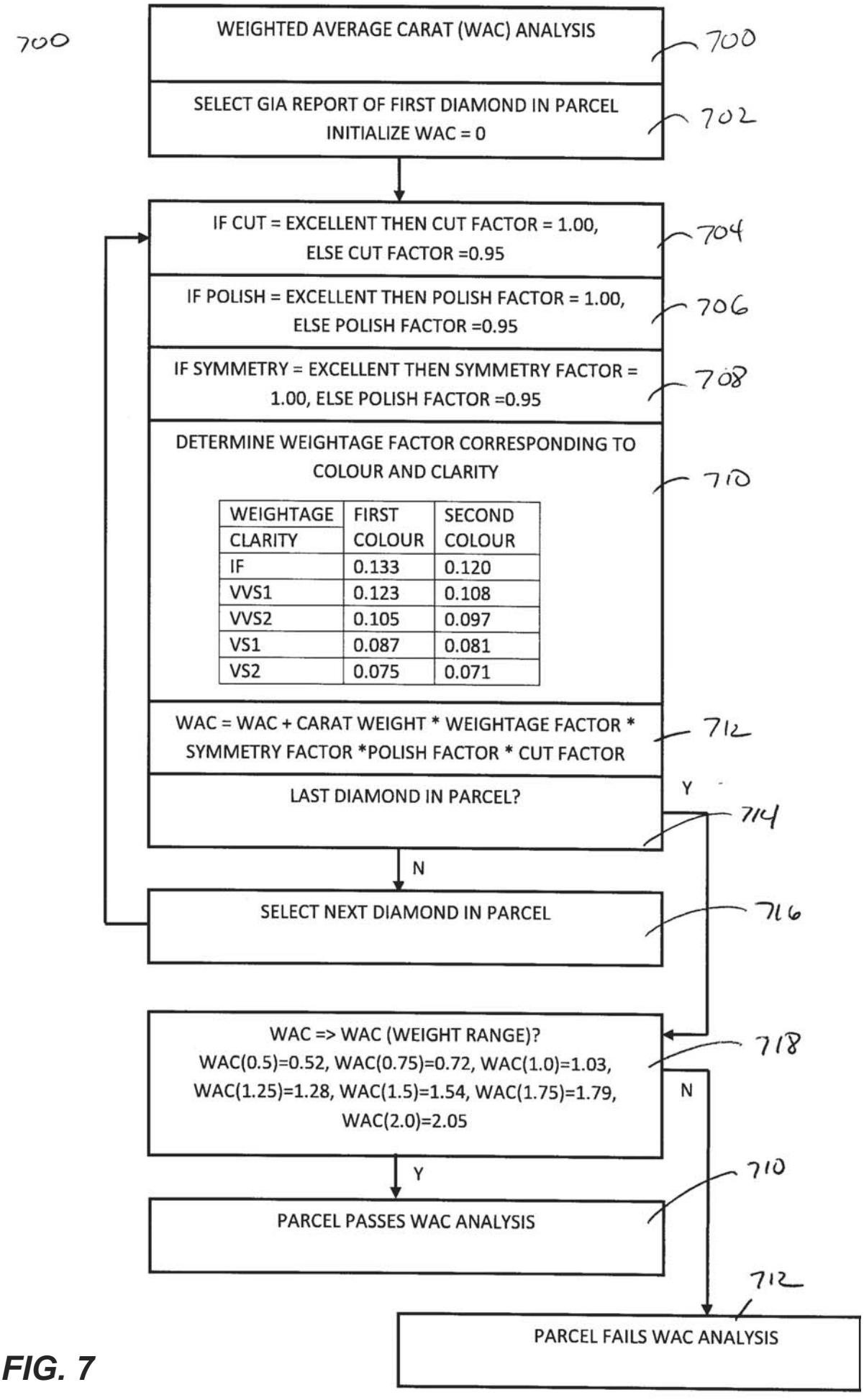

700
WEIGHTED AVERAGE CARAT (WAC) ANALYSIS
700
SELECT GIA REPORT OF FIRST DIAMOND IN PARCEL
INITIALIZE WAC = 0
702
IF CUT = EXCELLENT THEN CUT FACTOR = 1.00,
ELSE CUT FACTOR =0.95
704
IF POLISH = EXCELLENT THEN POLISH FACTOR = 1.00,
ELSE POLISH FACTOR =0.95
706
IF SYMMETRY = EXCELLENT THEN SYMMETRY FACTOR =
1.00, ELSE POLISH FACTOR =0.95
708
DETERMINE WEIGHTAGE FACTOR CORRESPONDING TO
COLOUR AND CLARITY
710
WEIGHTAGE CLARITY | FIRST COLOUR | SECOND COLOUR
IF | 0.133 | 0.120
VVS1 | 0.123 | 0.108
VVS2 | 0.105 | 0.097
VS1 | 0.087 | 0.081
VS2 | 0.075 | 0.071
WAC = WAC + CARAT WEIGHT * WEIGHTAGE FACTOR *
SYMMETRY FACTOR *POLISH FACTOR * CUT FACTOR
712
LAST DIAMOND IN PARCEL?
Y
714
N
SELECT NEXT DIAMOND IN PARCEL
716
WAC => WAC (WEIGHT RANGE)?
WAC(0.5)=0.52, WAC(0.75)=0.72, WAC(1.0)=1.03,
WAC(1.25)=1.28, WAC(1.5)=1.54, WAC(1.75)=1.79,
WAC(2.0)=2.05
718
N
Y
PARCEL PASSES WAC ANALYSIS
710
PARCEL FAILS WAC ANALYSIS
712

FIG. 7

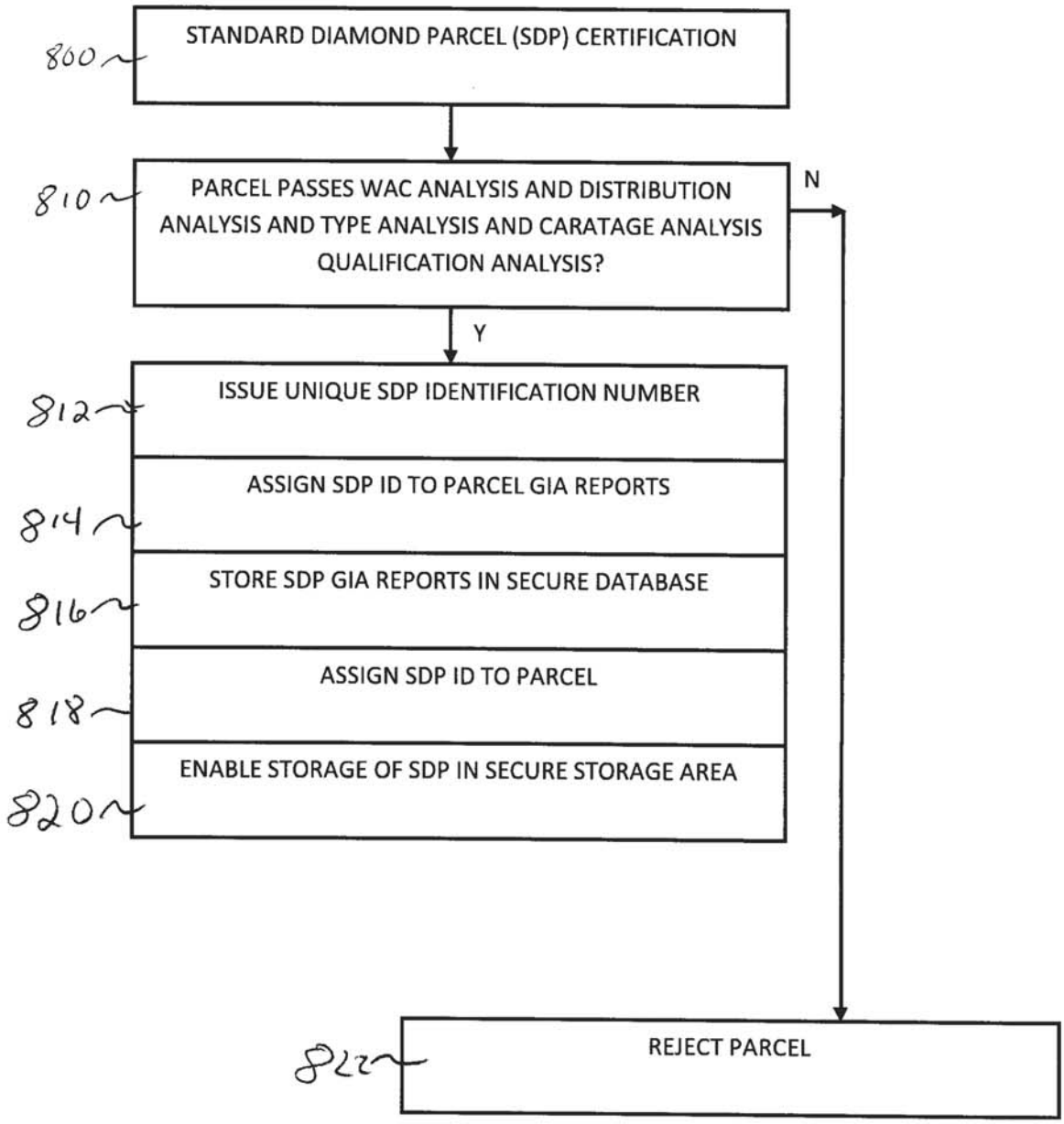

800
STANDARD DIAMOND PARCEL (SDP) CERTIFICATION
810
PARCEL PASSES WAC ANALYSIS AND DISTRIBUTION ANALYSIS AND TYPE ANALYSIS AND CARATAGE ANALYSIS QUALIFICATION ANALYSIS?
N
Y
812
ISSUE UNIQUE SDP IDENTIFICATION NUMBER
814
ASSIGN SDP ID TO PARCEL GIA REPORTS
816
STORE SDP GIA REPORTS IN SECURE DATABASE
818
ASSIGN SDP ID TO PARCEL
820
ENABLE STORAGE OF SDP IN SECURE STORAGE AREA
822
REJECT PARCEL

FIG. 8