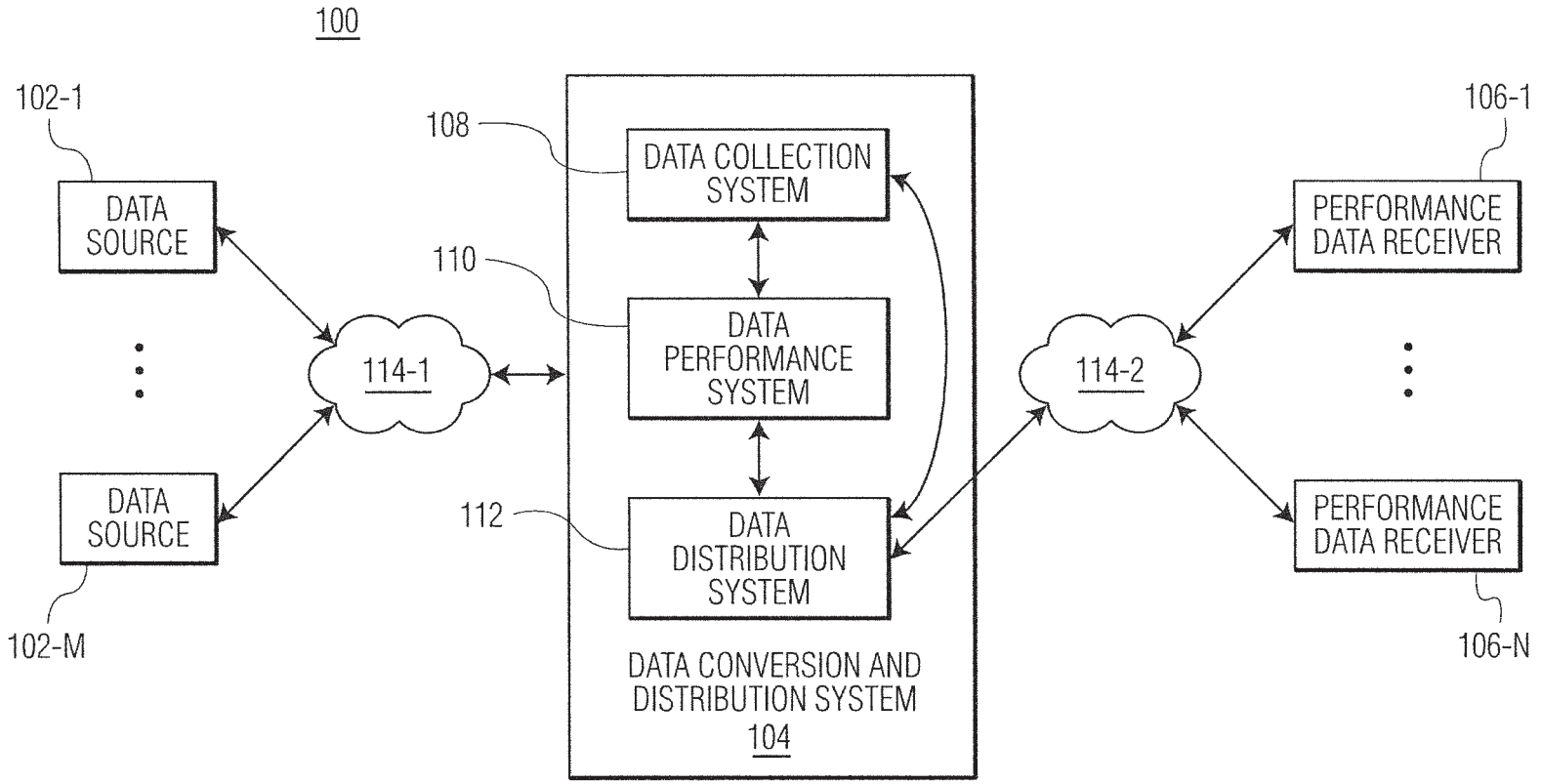

100
102-1
DATA SOURCE
DATA SOURCE
102-M
114-1
108
DATA COLLECTION SYSTEM
110
DATA PERFORMANCE SYSTEM
112
DATA DISTRIBUTION SYSTEM
DATA CONVERSION AND DISTRIBUTION SYSTEM
104
114-2
106-1
PERFORMANCE DATA RECEIVER
PERFORMANCE DATA RECEIVER
106-N

FIG. 1

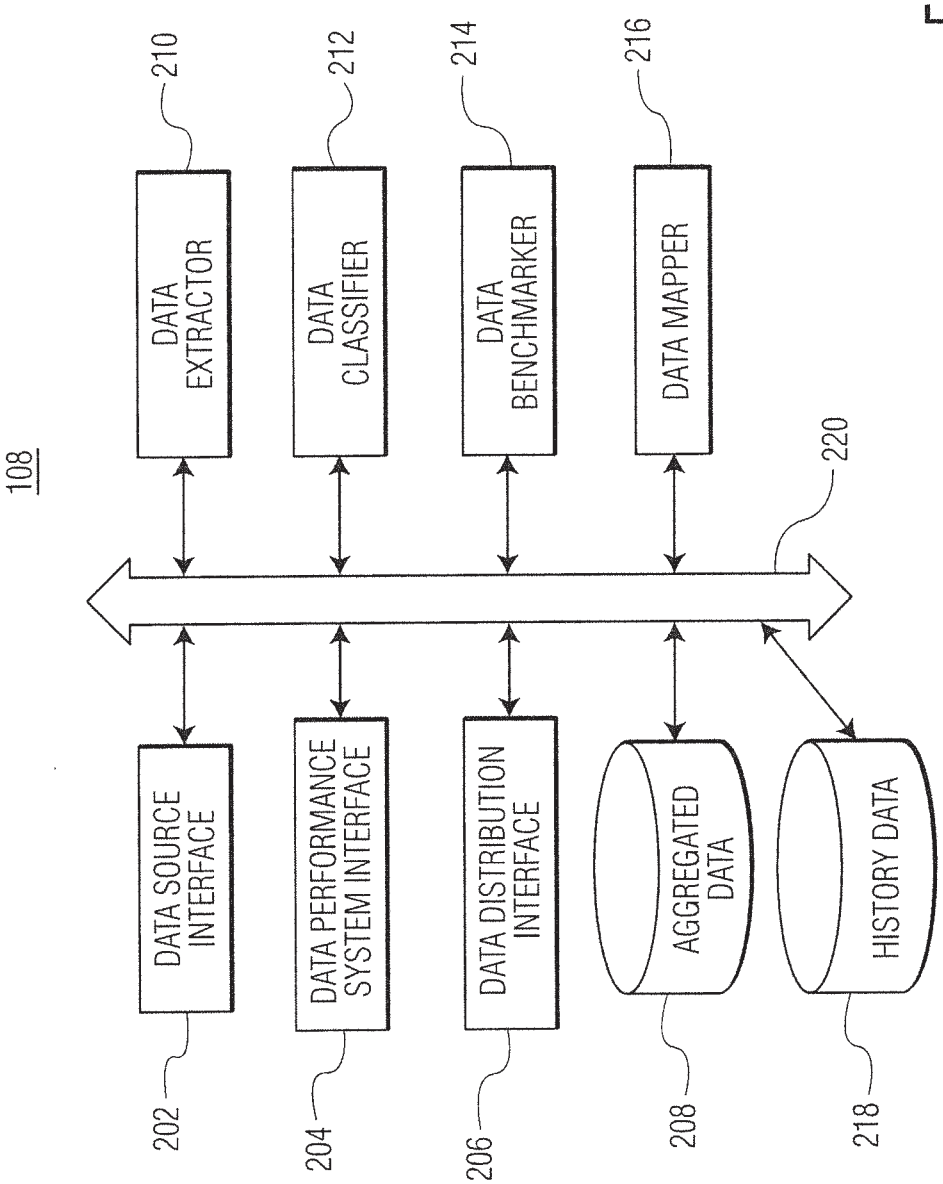

108
DATA EXTRACTOR
210
DATA CLASSIFIER
212
DATA BENCHMARKER
214
DATA MAPPER
216
220
DATA SOURCE INTERFACE
202
DATA PERFORMANCE SYSTEM INTERFACE
204
DATA DISTRIBUTION INTERFACE
206
AGGREGATED DATA
208
HISTORY DATA
218

FIG. 2

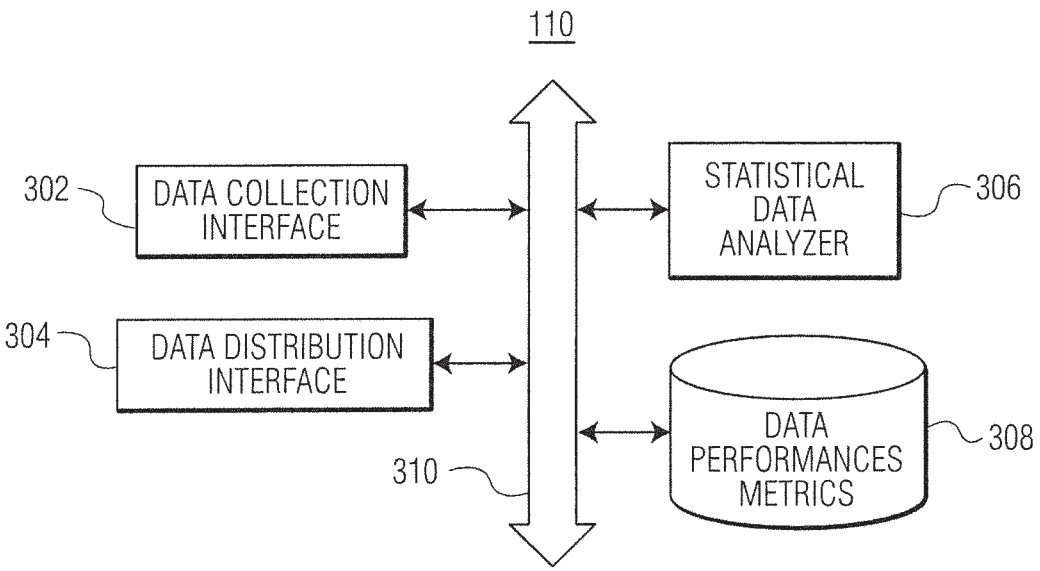

110
302
DATA COLLECTION INTERFACE
304
DATA DISTRIBUTION INTERFACE
310
STATISTICAL DATA ANALYZER
306
DATA PERFORMANCES METRICS
308

FIG. 3

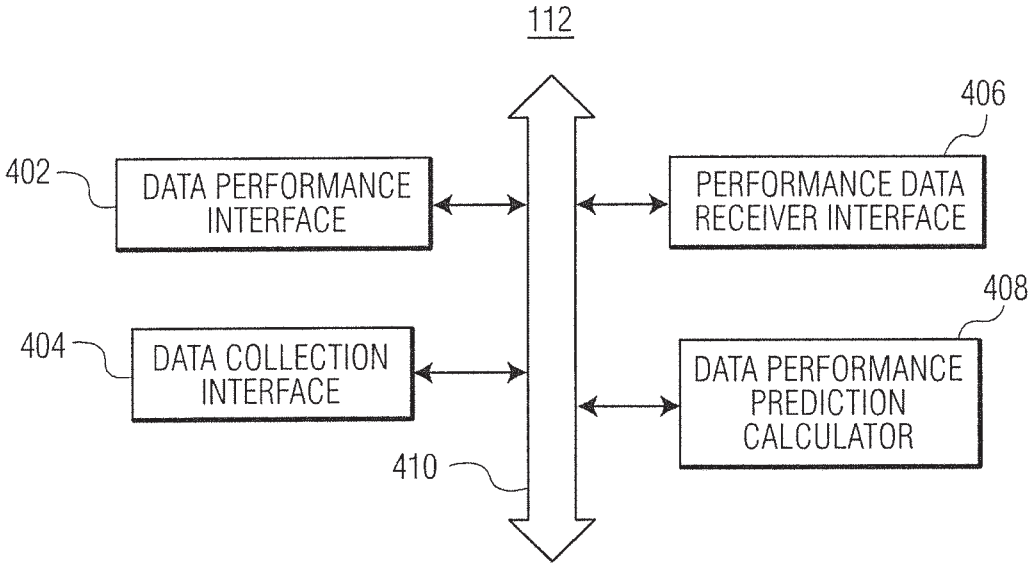

112
402
DATA PERFORMANCE INTERFACE
404
DATA COLLECTION INTERFACE
410
406
PERFORMANCE DATA RECEIVER INTERFACE
408
DATA PERFORMANCE PREDICTION CALCULATOR

FIG. 4

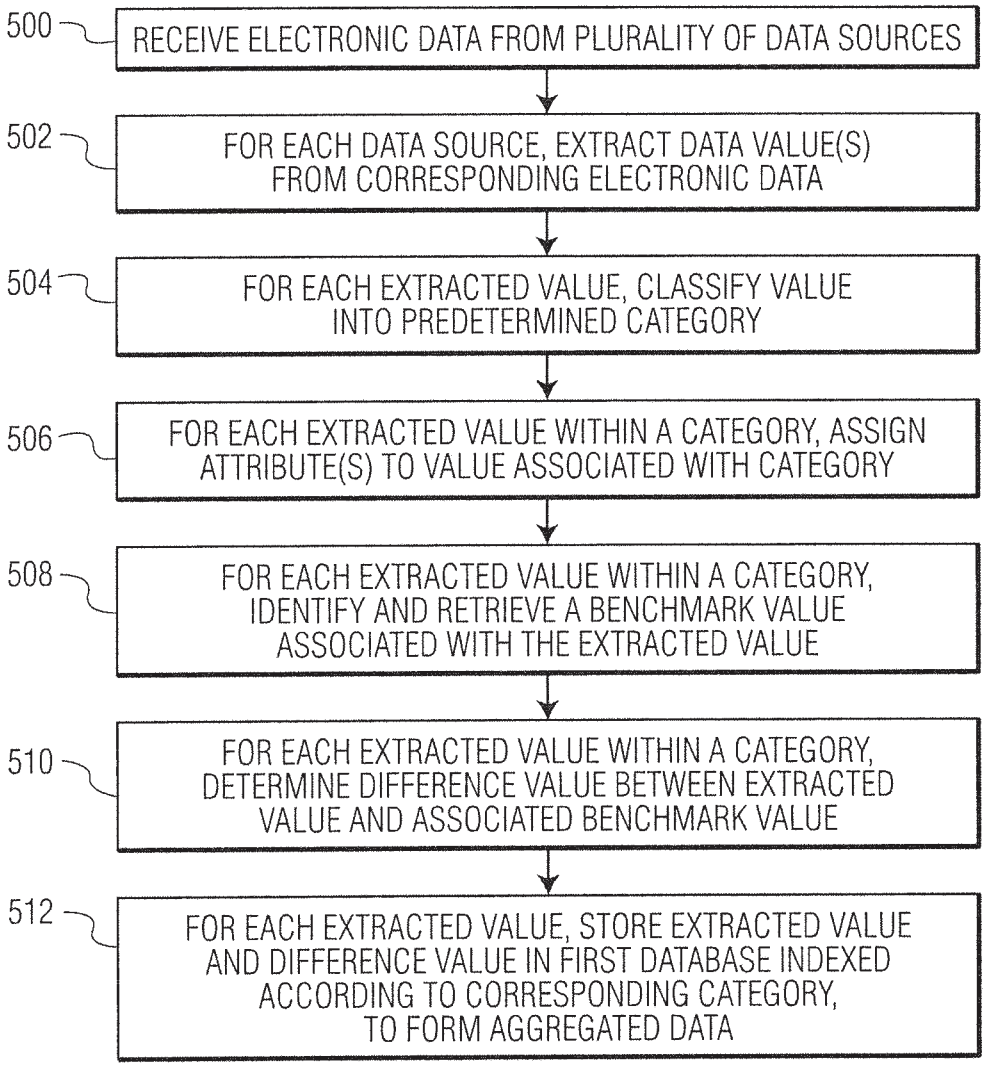

500
RECEIVE ELECTRONIC DATA FROM PLURALITY OF DATA SOURCES
502
FOR EACH DATA SOURCE, EXTRACT DATA VALUE(S) FROM CORRESPONDING ELECTRONIC DATA
504
FOR EACH EXTRACTED VALUE, CLASSIFY VALUE INTO PREDETERMINED CATEGORY
506
FOR EACH EXTRACTED VALUE WITHIN A CATEGORY, ASSIGN ATTRIBUTE(S) TO VALUE ASSOCIATED WITH CATEGORY
508
FOR EACH EXTRACTED VALUE WITHIN A CATEGORY, IDENTIFY AND RETRIEVE A BENCHMARK VALUE ASSOCIATED WITH THE EXTRACTED VALUE
510
FOR EACH EXTRACTED VALUE WITHIN A CATEGORY, DETERMINE DIFFERENCE VALUE BETWEEN EXTRACTED VALUE AND ASSOCIATED BENCHMARK VALUE
512
FOR EACH EXTRACTED VALUE, STORE EXTRACTED VALUE AND DIFFERENCE VALUE IN FIRST DATABASE INDEXED ACCORDING TO CORRESPONDING CATEGORY, TO FORM AGGREGATED DATA

FIG. 5A

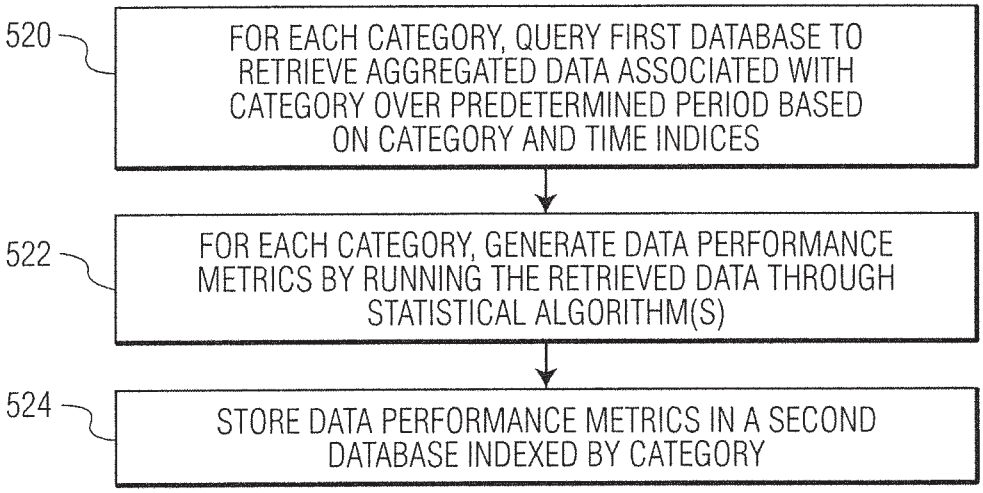

520
FOR EACH CATEGORY, QUERY FIRST DATABASE TO RETRIEVE AGGREGATED DATA ASSOCIATED WITH CATEGORY OVER PREDETERMINED PERIOD BASED ON CATEGORY AND TIME INDICES
522
FOR EACH CATEGORY, GENERATE DATA PERFORMANCE METRICS BY RUNNING THE RETRIEVED DATA THROUGH STATISTICAL ALGORITHM(S)
524
STORE DATA PERFORMANCE METRICS IN A SECOND DATABASE INDEXED BY CATEGORY

FIG. 5B

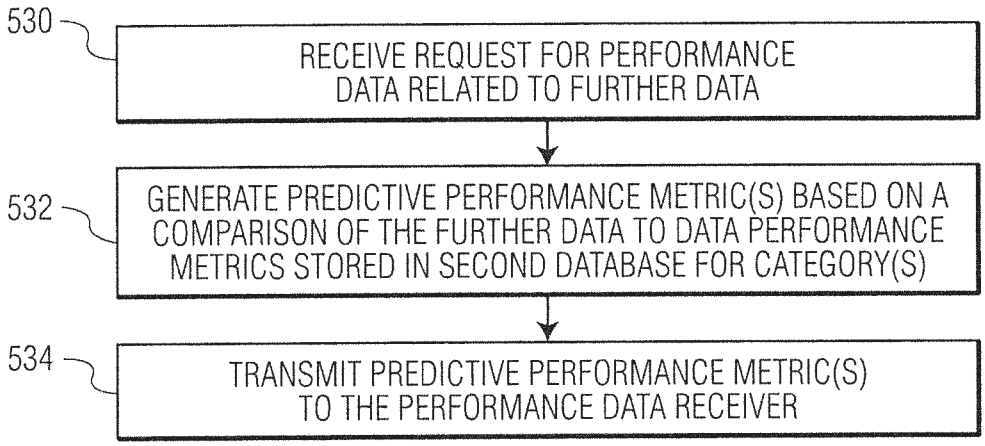

530
RECEIVE REQUEST FOR PERFORMANCE DATA RELATED TO FURTHER DATA
532
GENERATE PREDICTIVE PERFORMANCE METRIC(S) BASED ON A COMPARISON OF THE FURTHER DATA TO DATA PERFORMANCE METRICS STORED IN SECOND DATABASE FOR CATEGORY(S)
534
TRANSMIT PREDICTIVE PERFORMANCE METRIC(S) TO THE PERFORMANCE DATA RECEIVER

FIG. 5C

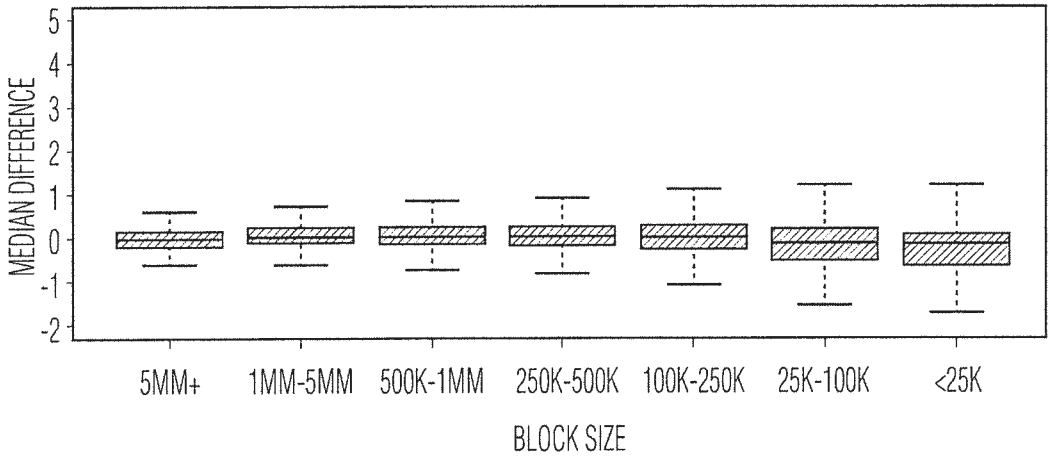

MEDIAN DIFFERENCE
5
4
3
2
1
0
-1
-2
5MM+
1MM-5MM
500K-1MM
250K-500K
100K-250K
25K-100K
<25K
BLOCK SIZE

FIG. 6A

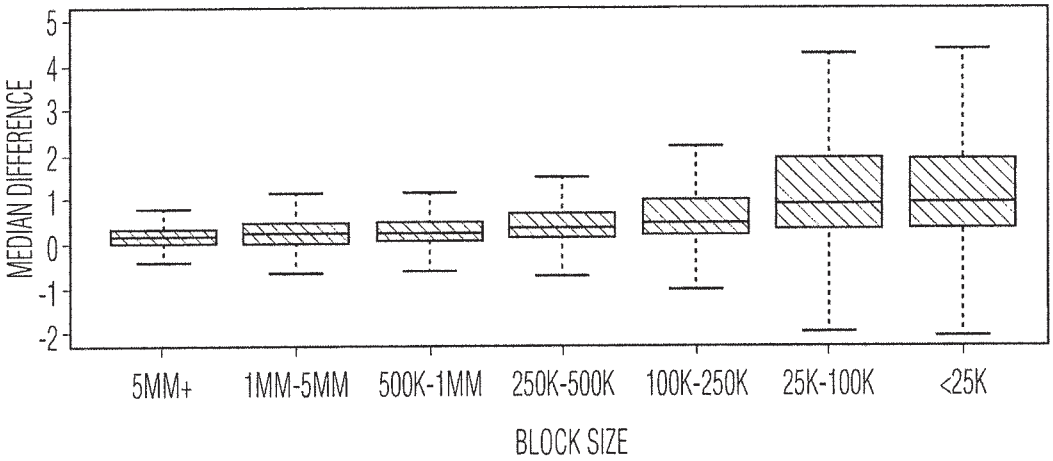

MEDIAN DIFFERENCE
5
4
3
2
1
0
-1
-2
5MM+
1MM-5MM
500K-1MM
250K-500K
100K-250K
25K-100K
<25K
BLOCK SIZE

FIG. 6B

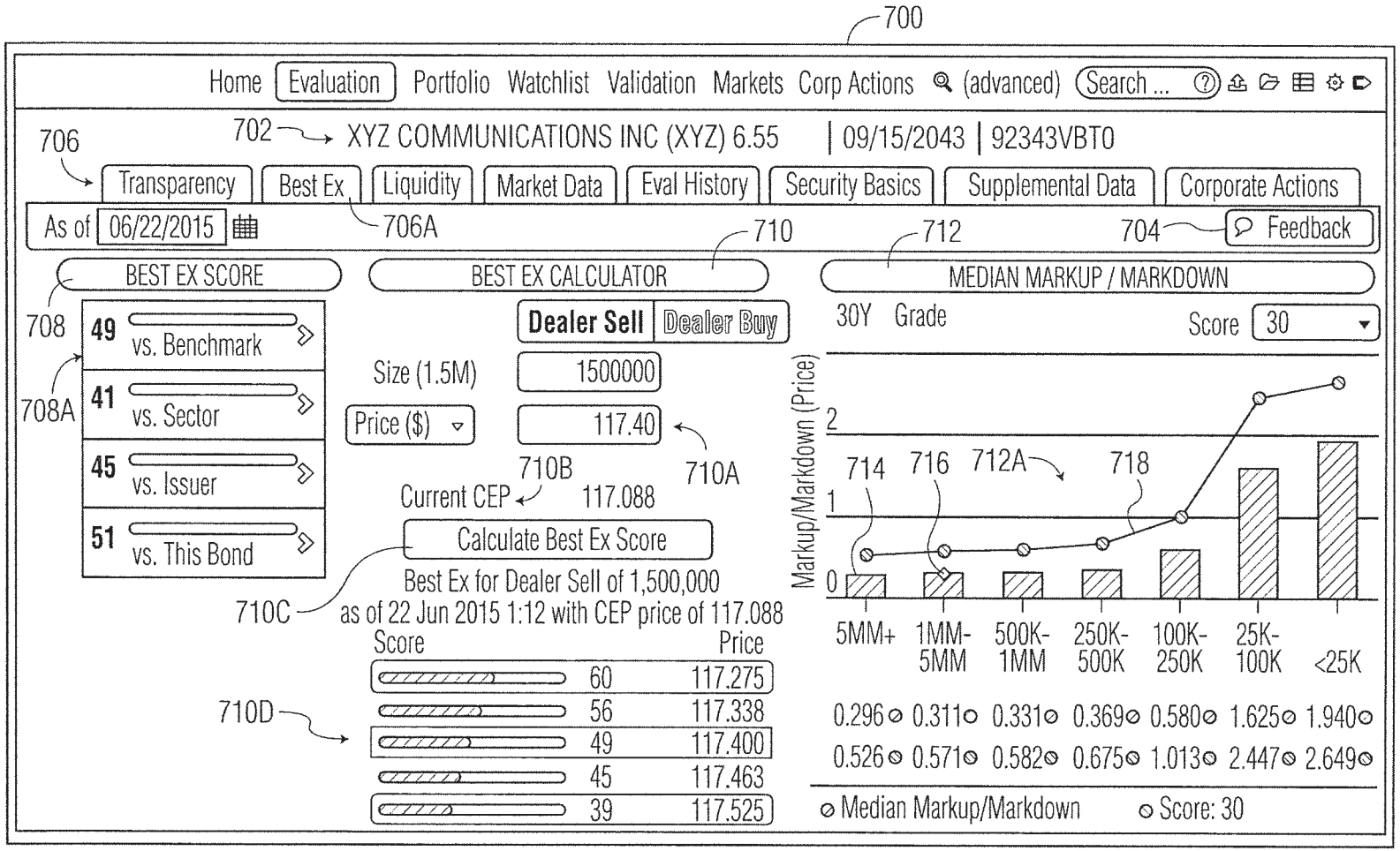

700
Home
Evaluation
Portfolio
Watchlist
Validation
Markets
Corp Actions
(advanced)
Search ...
706
702
XYZ COMMUNICATIONS INC (XYZ) 6.55
09/15/2043
92343VBT0
Transparency
Best Ex
Liquidity
Market Data
Eval History
Security Basics
Supplemental Data
Corporate Actions
706A
As of
06/22/2015
710
712
704
Feedback
BEST EX SCORE
BEST EX CALCULATOR
MEDIAN MARKUP / MARKDOWN
708
708A
49
vs. Benchmark
41
vs. Sector
45
vs. Issuer
51
vs. This Bond
Dealer Sell
Dealer Buy
Size (1.5M)
1500000
Price ($)
117.40
710A
710B
Current CEP
117.088
Calculate Best Ex Score
710C
Best Ex for Dealer Sell of 1,500,000
as of 22 Jun 2015 1:12 with CEP price of 117.088
Score
Price
710D
60
117.275
56
117.338
49
117.400
45
117.463
39
117.525
30Y
Grade
Score
30
Markup/Markdown (Price)
2
1
0
714
716
712A
718
5MM+
1MM-5MM
500K-1MM
250K-500K
100K-250K
25K-100K
<25K
712B
0.296
0.311
0.331
0.369
0.580
1.625
1.940
0.526
0.571
0.582
0.675
1.013
2.447
2.649
Median Markup/Markdown
Score: 30

FIG. 7

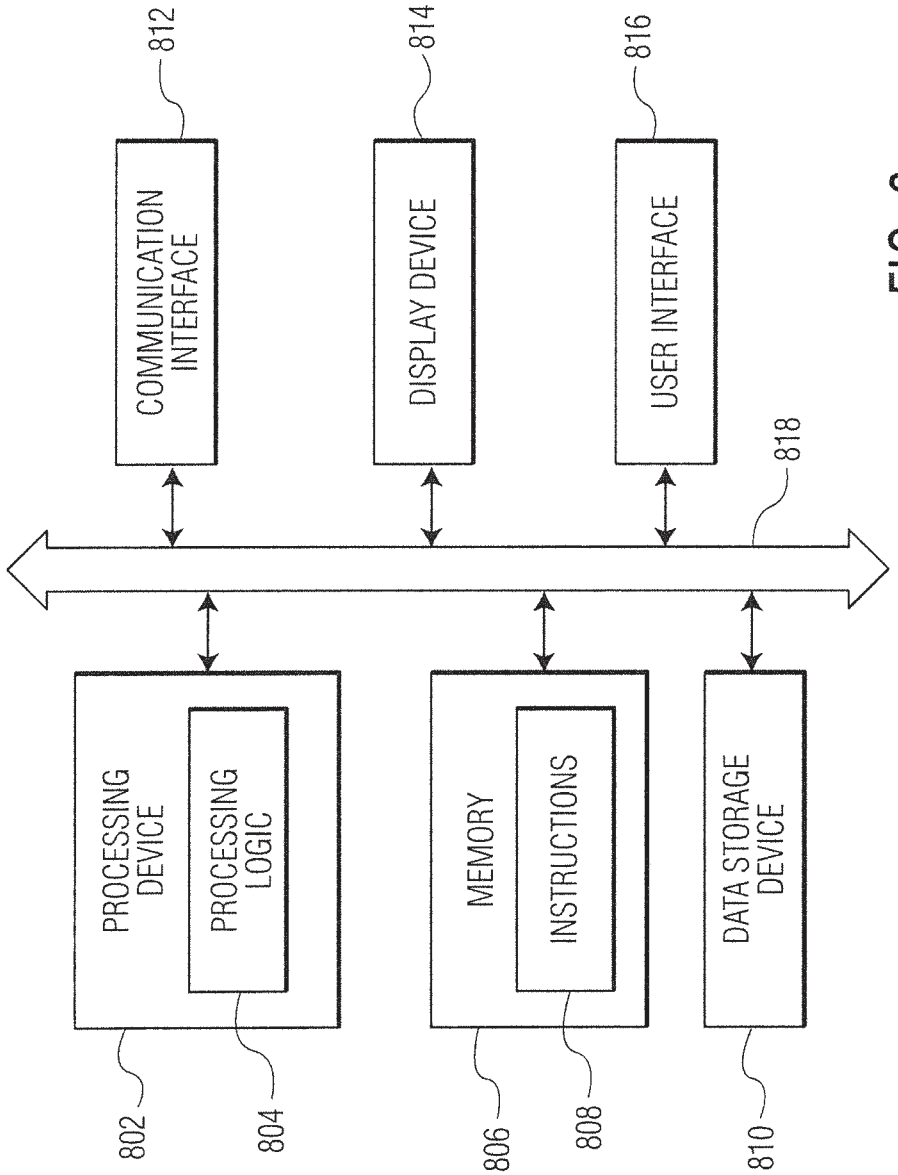

812
814
816
COMMUNICATION INTERFACE
DISPLAY DEVICE
USER INTERFACE
818
PROCESSING DEVICE
PROCESSING LOGIC
MEMORY
INSTRUCTIONS
DATA STORAGE DEVICE
802
804
806
808
810

FIG. 8