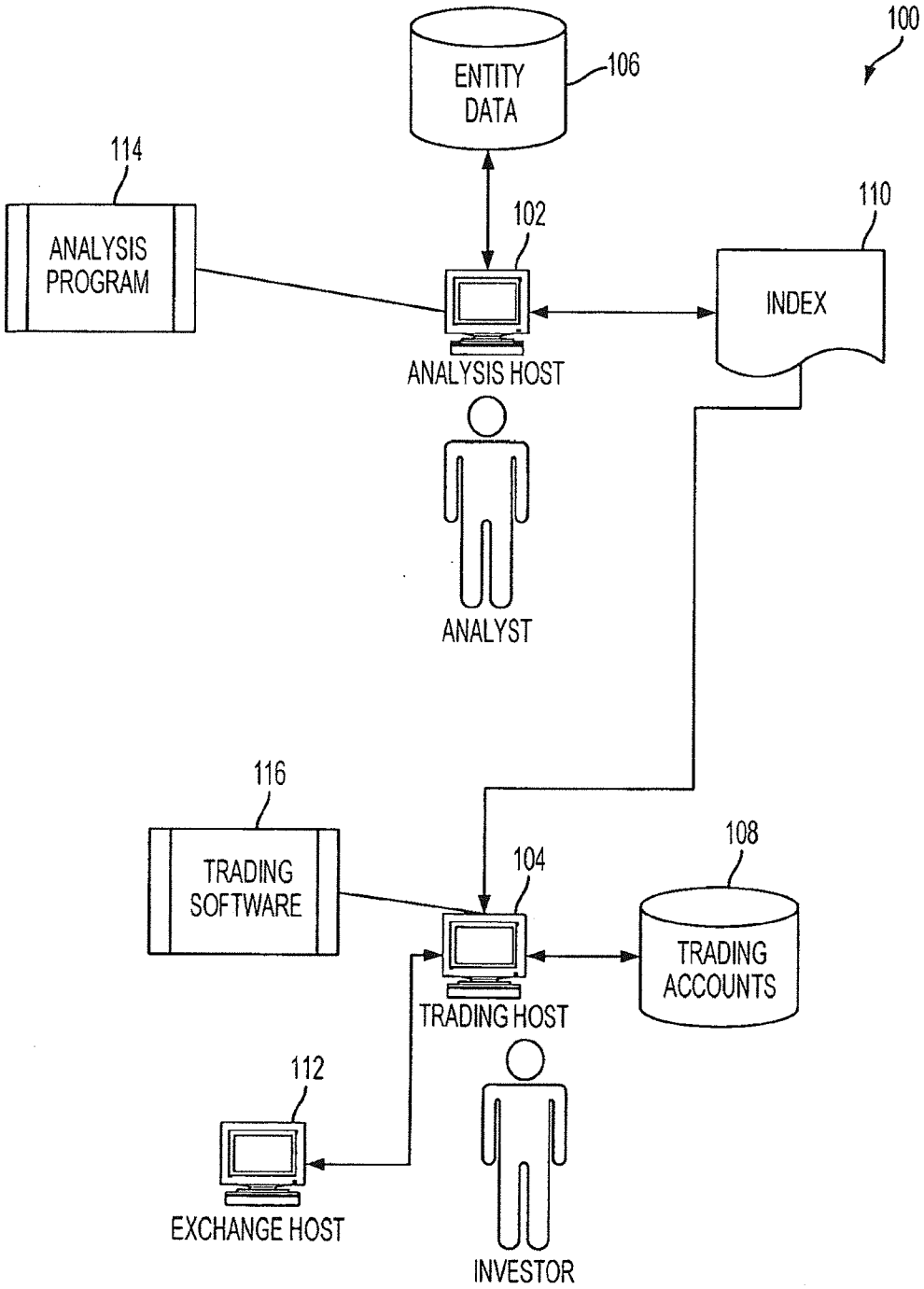

100
ENTITY DATA
106
114
ANALYSIS PROGRAM
102
110
INDEX
ANALYSIS HOST
ANALYST
116
TRADING SOFTWARE
104
108
TRADING ACCOUNTS
TRADING HOST
112
EXCHANGE HOST
INVESTOR

FIG. 1

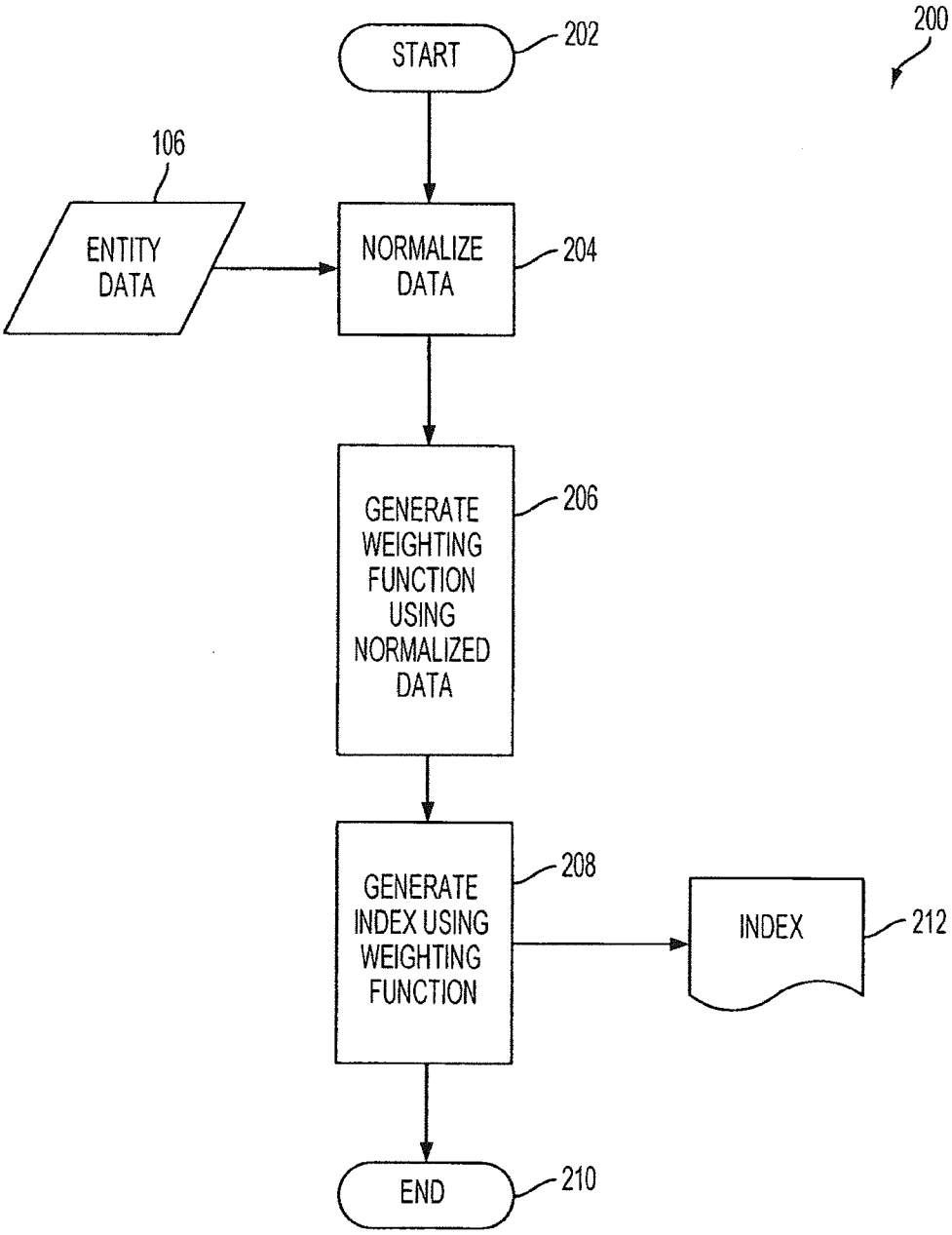

200
START
202
106
ENTITY DATA
NORMALIZE DATA
204
GENERATE WEIGHTING FUNCTION USING NORMALIZED DATA
206
GENERATE INDEX USING WEIGHTING FUNCTION
208
INDEX
212
END
210

FIG. 2

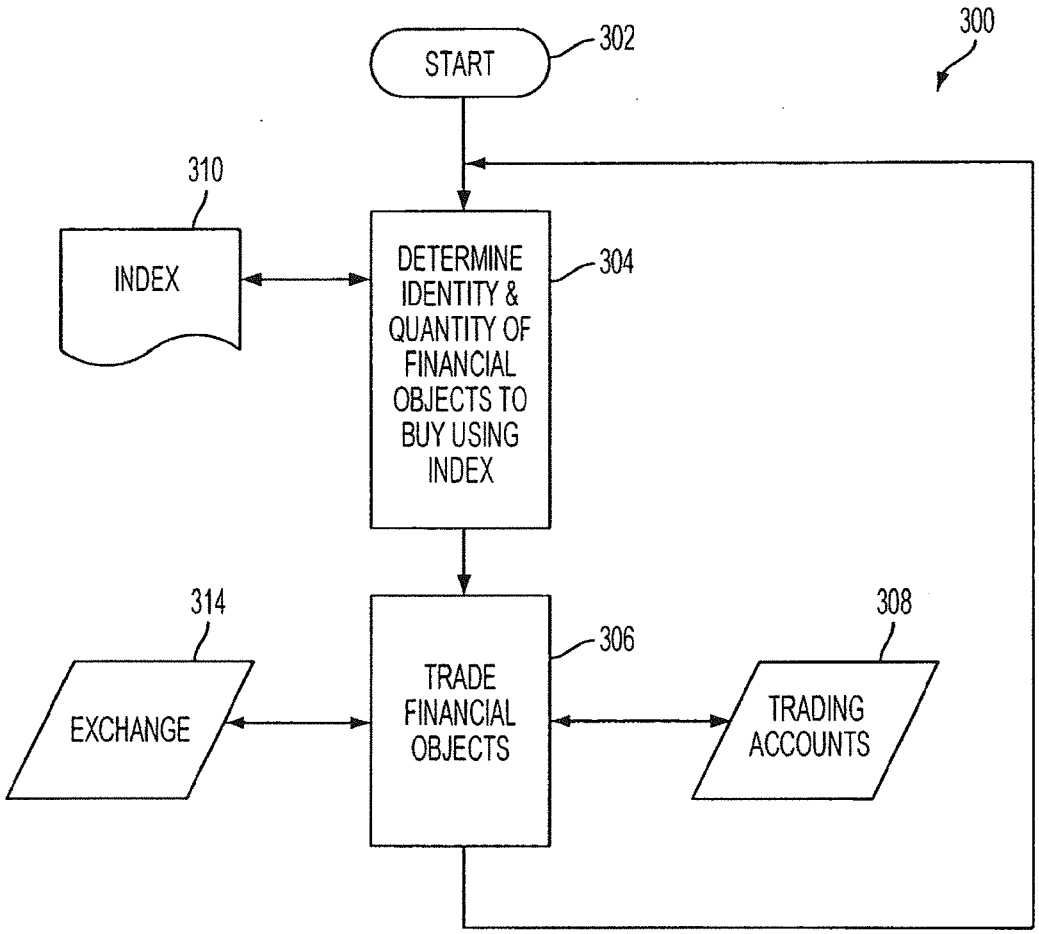

300
START
302
310
INDEX
DETERMINE IDENTITY & QUANTITY OF FINANCIAL OBJECTS TO BUY USING INDEX
304
314
EXCHANGE
TRADE FINANCIAL OBJECTS
306
308
TRADING ACCOUNTS

FIG. 3

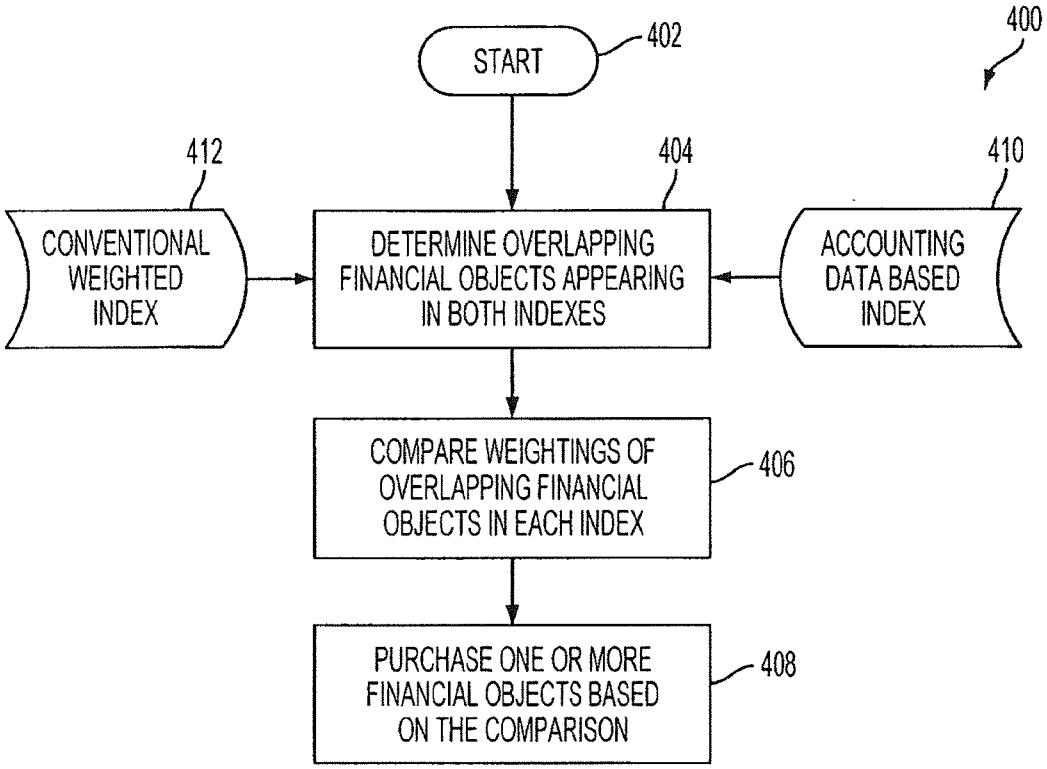

400
START
402
412
404
410
CONVENTIONAL WEIGHTED INDEX
DETERMINE OVERLAPPING FINANCIAL OBJECTS APPEARING IN BOTH INDEXES
ACCOUNTING DATA BASED INDEX
COMPARE WEIGHTINGS OF OVERLAPPING FINANCIAL OBJECTS IN EACH INDEX
406
PURCHASE ONE OR MORE FINANCIAL OBJECTS BASED ON THE COMPARISON
408

FIG. 4

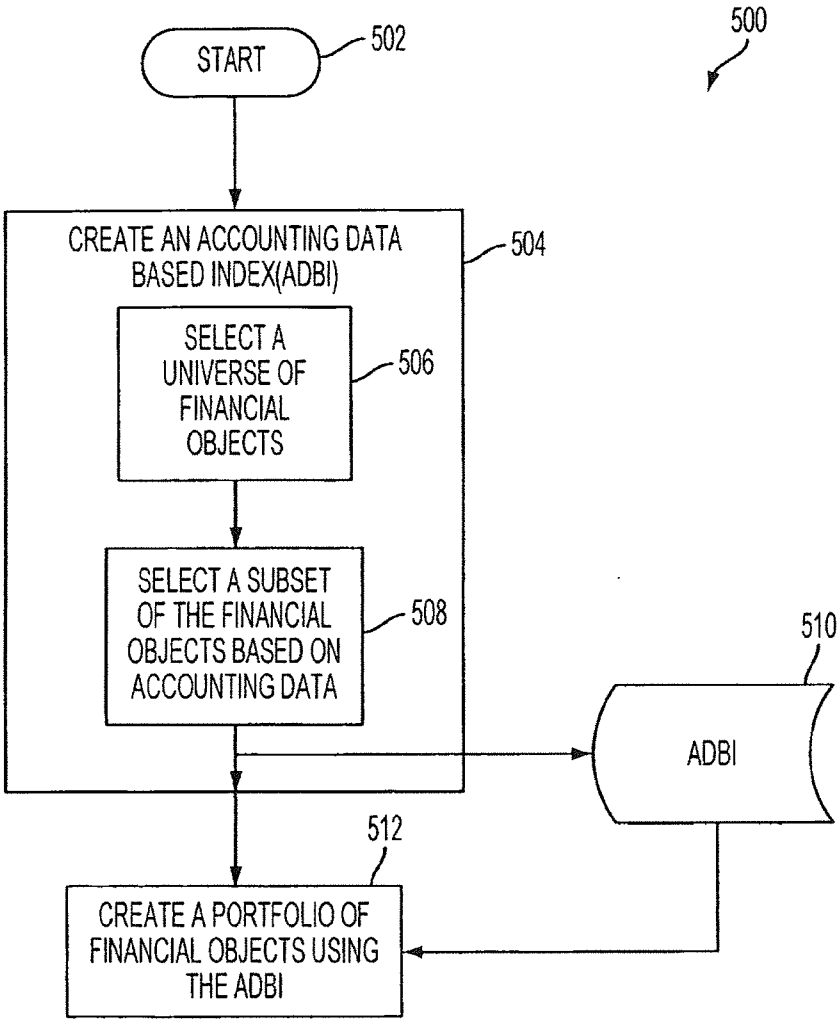

500
START
502
CREATE AN ACCOUNTING DATA BASED INDEX(ADBI)
504
SELECT A UNIVERSE OF FINANCIAL OBJECTS
506
SELECT A SUBSET OF THE FINANCIAL OBJECTS BASED ON ACCOUNTING DATA
508
510
ADBI
512
CREATE A PORTFOLIO OF FINANCIAL OBJECTS USING THE ADBI

FIG. 5

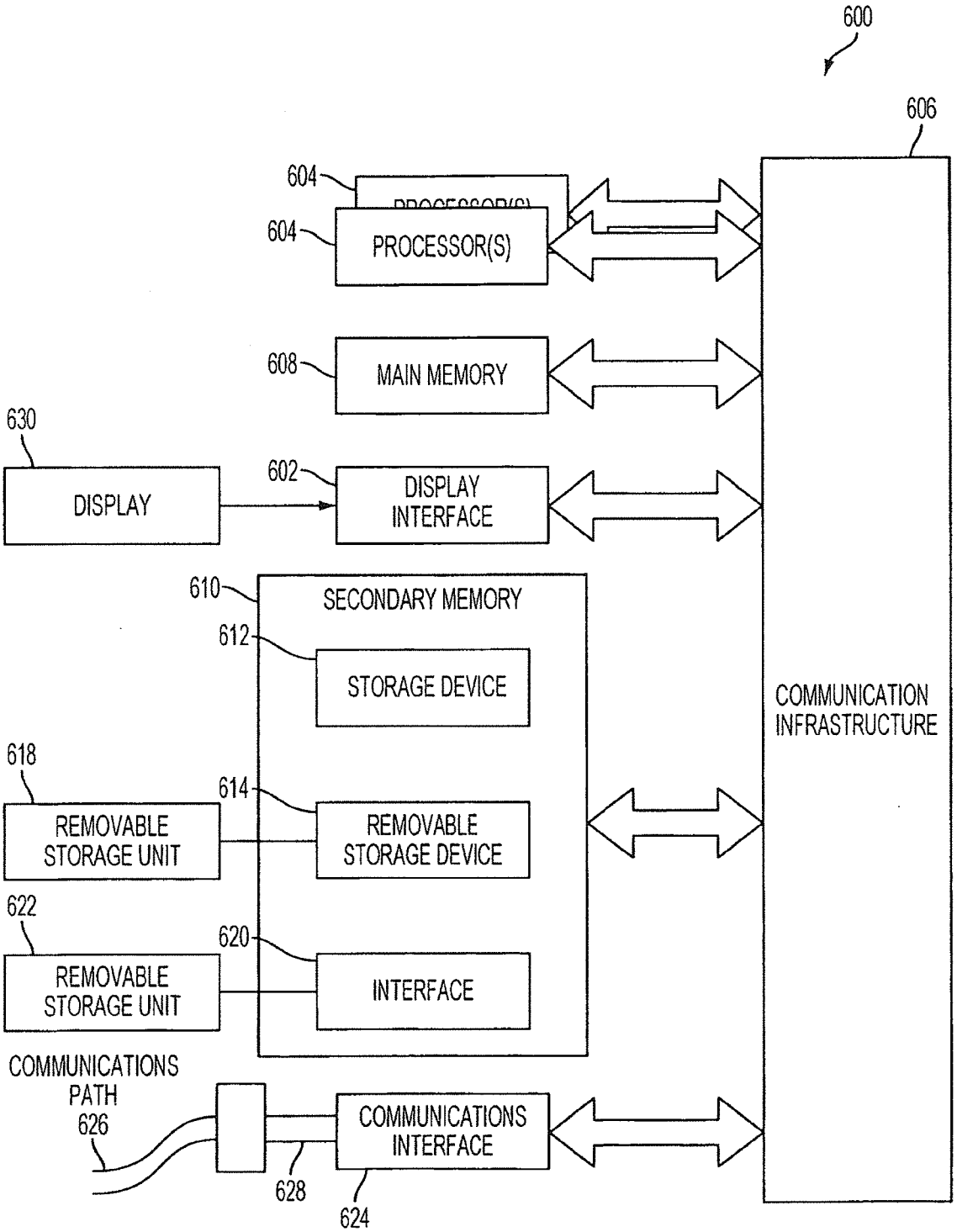

600
606
604
604
PROCESSOR(S)
608
MAIN MEMORY
630
DISPLAY
602
DISPLAY INTERFACE
610
SECONDARY MEMORY
612
STORAGE DEVICE
618
REMOVABLE STORAGE UNIT
614
REMOVABLE STORAGE DEVICE
622
REMOVABLE STORAGE UNIT
620
INTERFACE
COMMUNICATIONS PATH
626
COMMUNICATIONS INTERFACE
628
624
COMMUNICATION INFRASTRUCTURE

FIG. 6

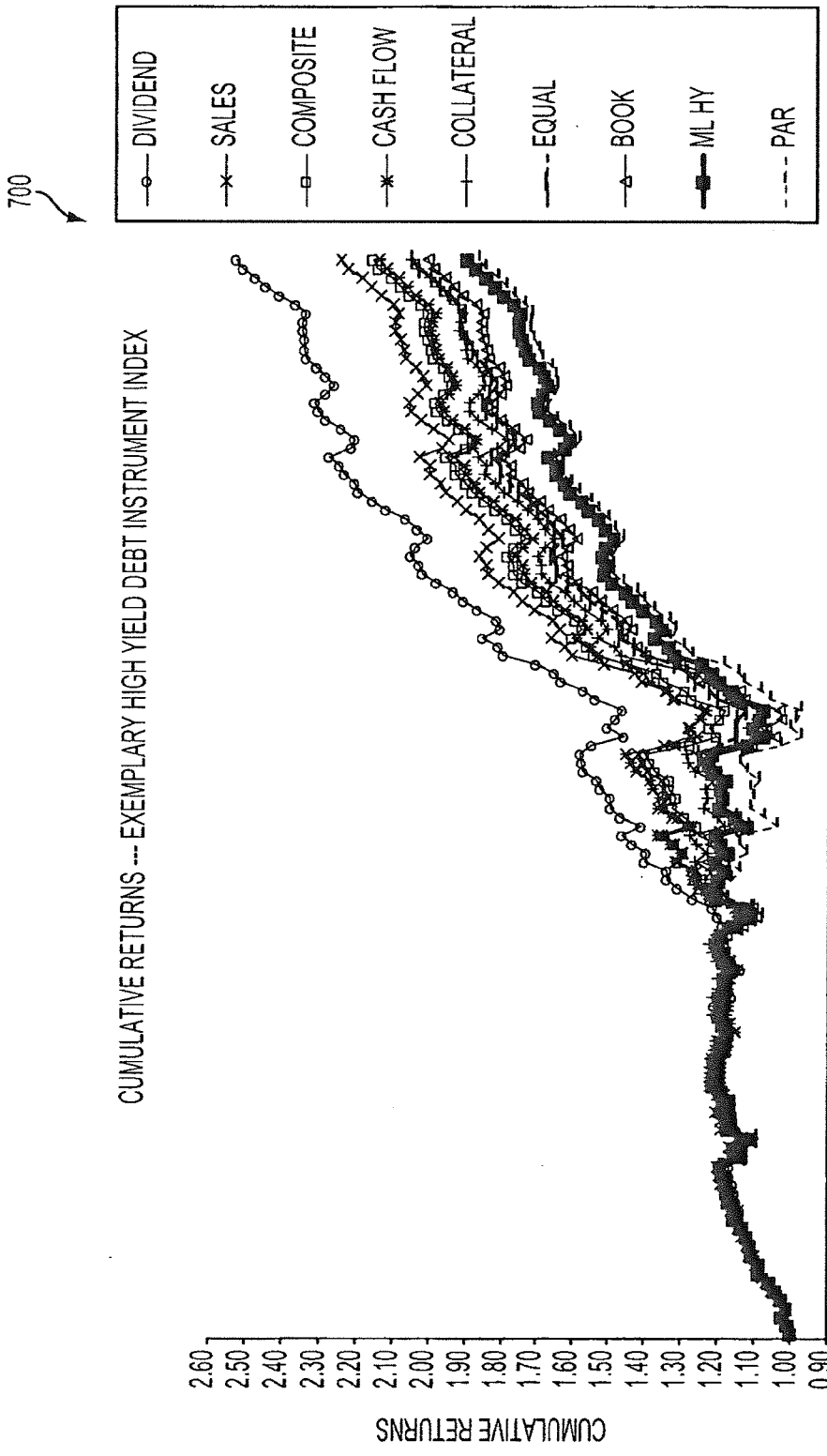

700
CUMULATIVE RETURNS --- EXEMPLARY HIGH YIELD DEBT INSTRUMENT INDEX
DIVIDEND
SALES
COMPOSITE
CASH FLOW
COLLATERAL
EQUAL
BOOK
ML HY
PAR
CUMULATIVE RETURNS
2.60
2.50
2.40
2.30
2.20
2.10
2.00
1.90
1.80
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
DATE
DEC-96
JUN-97
DEC-97
JUN-98
DEC-98
JUN-99
DEC-99
JUN-00
DEC-00
JUN-01
DEC-01
JUN-02
DEC-02
JUN-03
DEC-03
JUN-04
DEC-04
JUN-05
DEC-05
JUN-06
DEC-06

FIG. 7

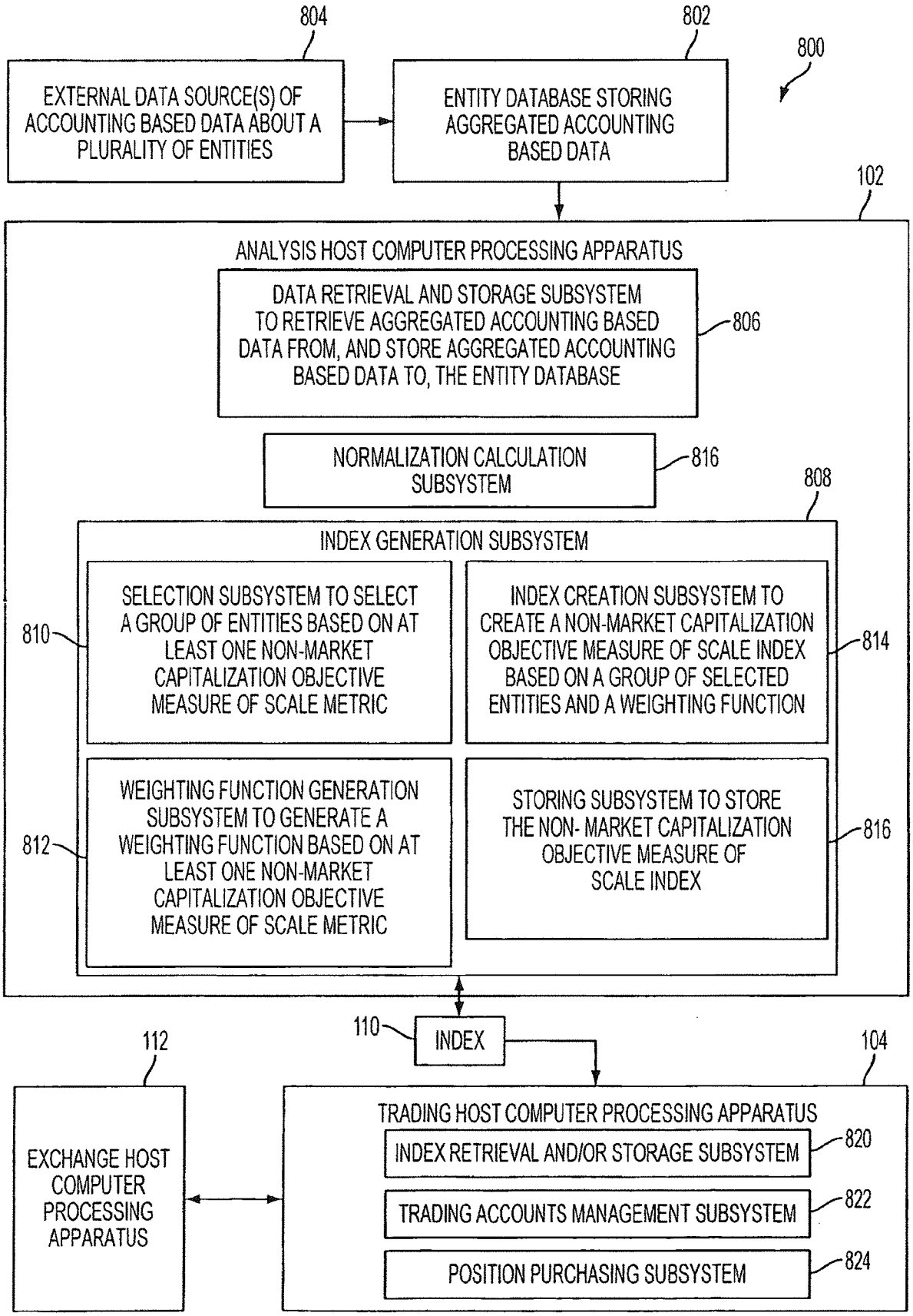

804
802
800
EXTERNAL DATA SOURCE(S) OF ACCOUNTING BASED DATA ABOUT A PLURALITY OF ENTITIES
ENTITY DATABASE STORING AGGREGATED ACCOUNTING BASED DATA
102
ANALYSIS HOST COMPUTER PROCESSING APPARATUS
DATA RETRIEVAL AND STORAGE SUBSYSTEM TO RETRIEVE AGGREGATED ACCOUNTING BASED DATA FROM, AND STORE AGGREGATED ACCOUNTING BASED DATA TO, THE ENTITY DATABASE
806
NORMALIZATION CALCULATION SUBSYSTEM
816
808
INDEX GENERATION SUBSYSTEM
SELECTION SUBSYSTEM TO SELECT A GROUP OF ENTITIES BASED ON AT LEAST ONE NON-MARKET CAPITALIZATION OBJECTIVE MEASURE OF SCALE METRIC
810
INDEX CREATION SUBSYSTEM TO CREATE A NON-MARKET CAPITALIZATION OBJECTIVE MEASURE OF SCALE INDEX BASED ON A GROUP OF SELECTED ENTITIES AND A WEIGHTING FUNCTION
814
WEIGHTING FUNCTION GENERATION SUBSYSTEM TO GENERATE A WEIGHTING FUNCTION BASED ON AT LEAST ONE NON-MARKET CAPITALIZATION OBJECTIVE MEASURE OF SCALE METRIC
812
STORING SUBSYSTEM TO STORE THE NON- MARKET CAPITALIZATION OBJECTIVE MEASURE OF SCALE INDEX
816
110
INDEX
112
104
EXCHANGE HOST COMPUTER PROCESSING APPARATUS
TRADING HOST COMPUTER PROCESSING APPARATUS
INDEX RETRIEVAL AND/OR STORAGE SUBSYSTEM
820
TRADING ACCOUNTS MANAGEMENT SUBSYSTEM
822
POSITION PURCHASING SUBSYSTEM
824

FIG. 8

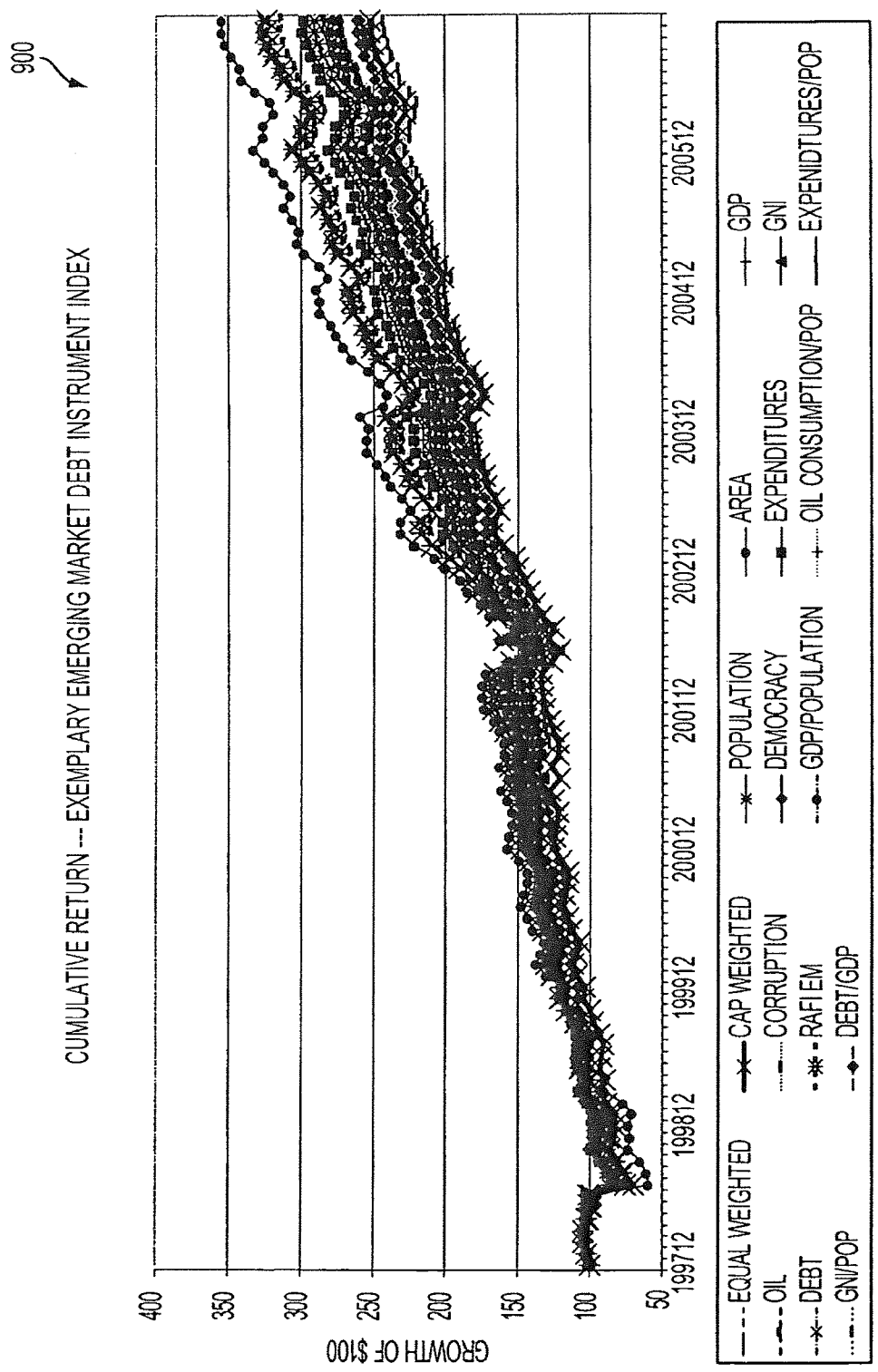

900
CUMULATIVE RETURN --- EXEMPLARY EMERGING MARKET DEBT INSTRUMENT INDEX
GROWTH OF $100
400
350
300
250
200
150
100
50
199712
199812
199912
200012
200112
200212
200312
200412
200512
EQUAL WEIGHTED
CAP WEIGHTED
POPULATION
AREA
GDP
OIL
CORRUPTION
DEMOCRACY
EXPENDITURES
GNI
DEBT
RAFI EM
GDP/POPULATION
OIL CONSUMPTION/POP
EXPENIDTURES/POP
GNI/POP
DEBT/GDP

FIG. 9

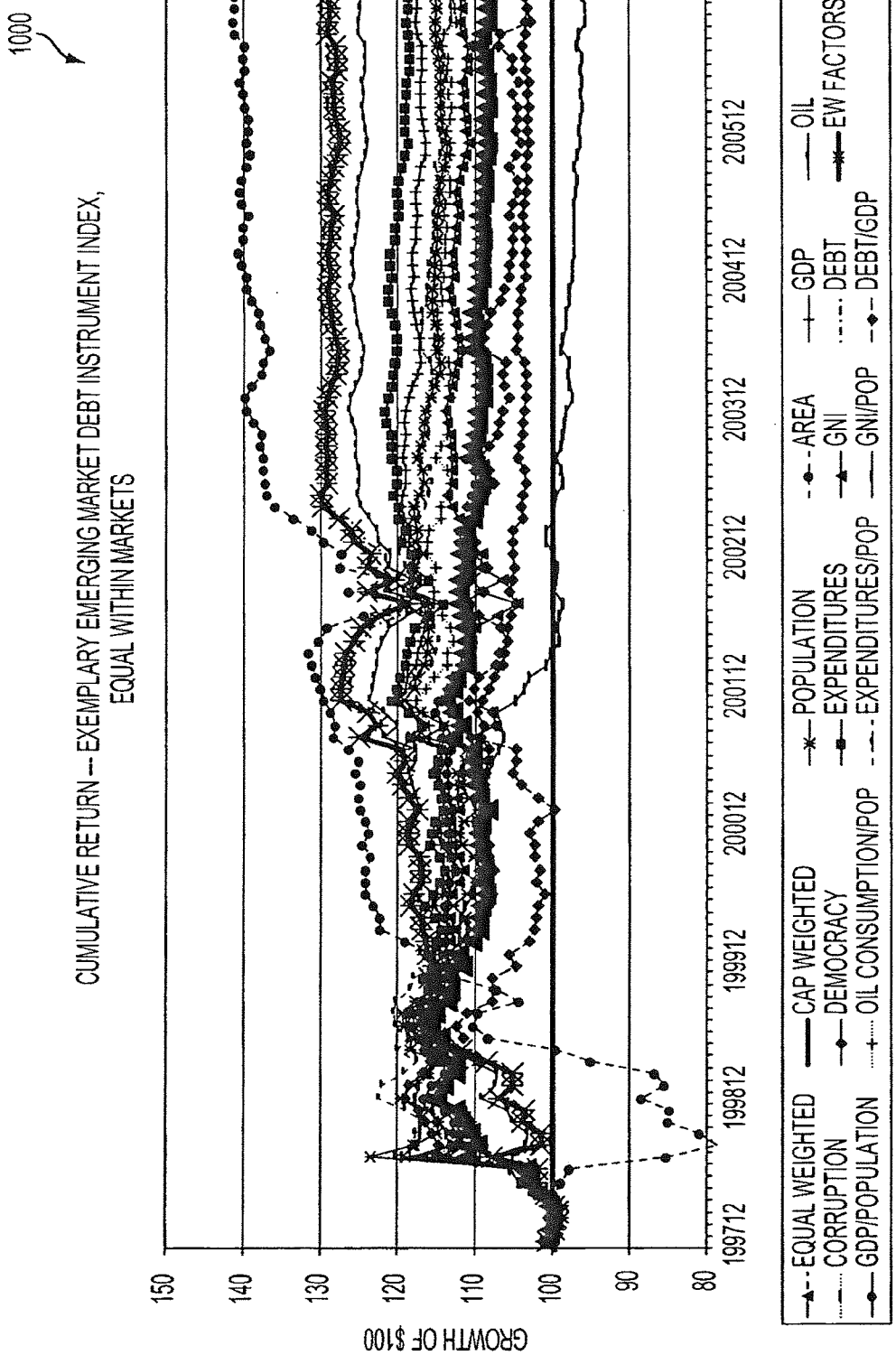

1000
CUMULATIVE RETURN -- EXEMPLARY EMERGING MARKET DEBT INSTRUMENT INDEX, EQUAL WITHIN MARKETS
GROWTH OF $100
150
140
130
120
110
100
90
80
199712
199812
199912
200012
200112
200212
200312
200412
200512
EQUAL WEIGHTED
CAP WEIGHTED
POPULATION
AREA
GDP
OIL
CORRUPTION
DEMOCRACY
EXPENDITURES
GNI
DEBT
EW FACTORS
GDP/POPULATION
OIL CONSUMPTION/POP
EXPENDITURES/POP
GNI/POP
DEBT/GDP

FIG. 10

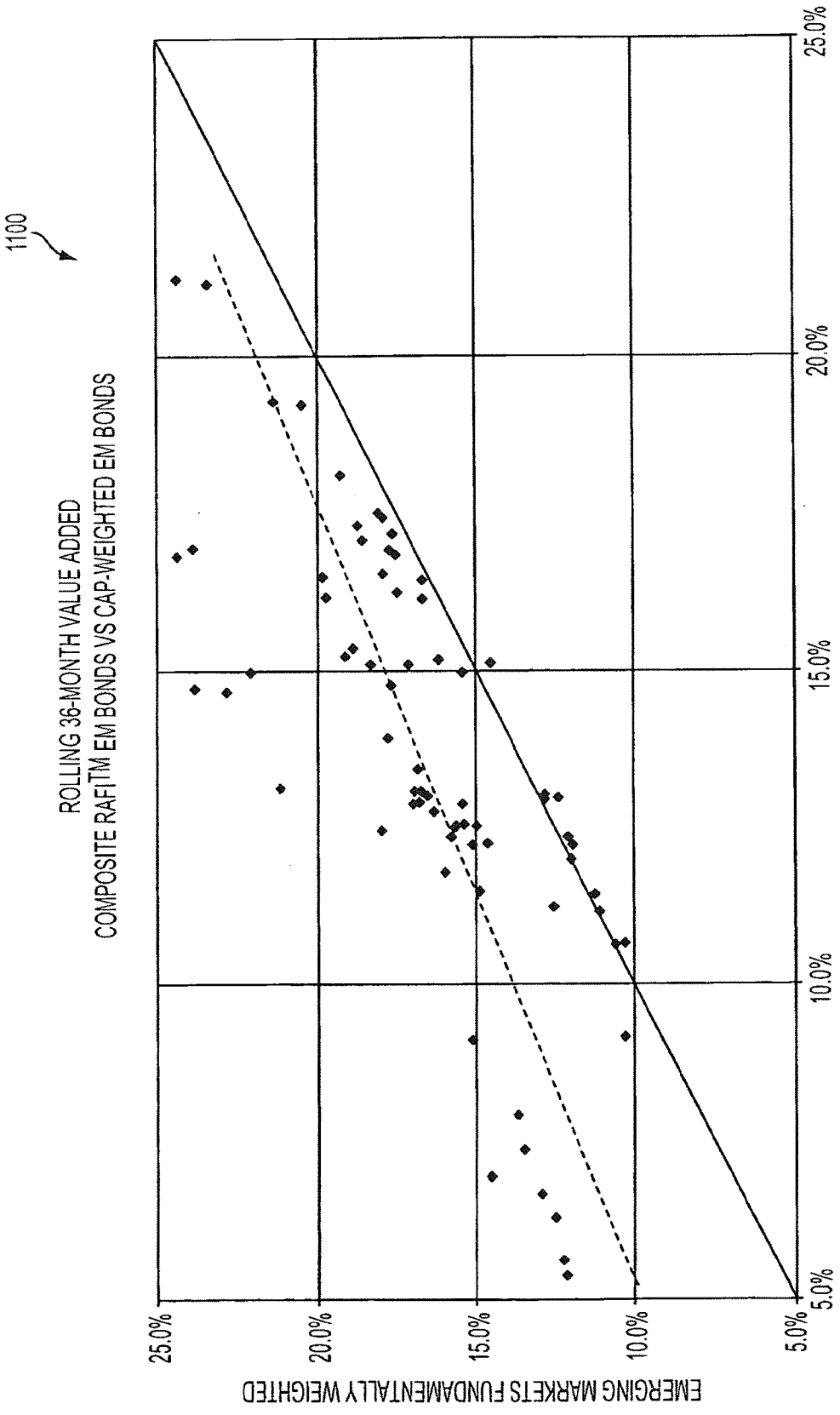

1100
ROLLING 36-MONTH VALUE ADDED
COMPOSITE RAFI™ EM BONDS VS CAP-WEIGHTED EM BONDS
EMERGING MARKETS FUNDAMENTALLY WEIGHTED
25.0%
20.0%
15.0%
10.0%
5.0%
EMERGING MARKETS CAP WEIGHTED
25.0%
20.0%
15.0%
10.0%
5.0%

FIG. 11