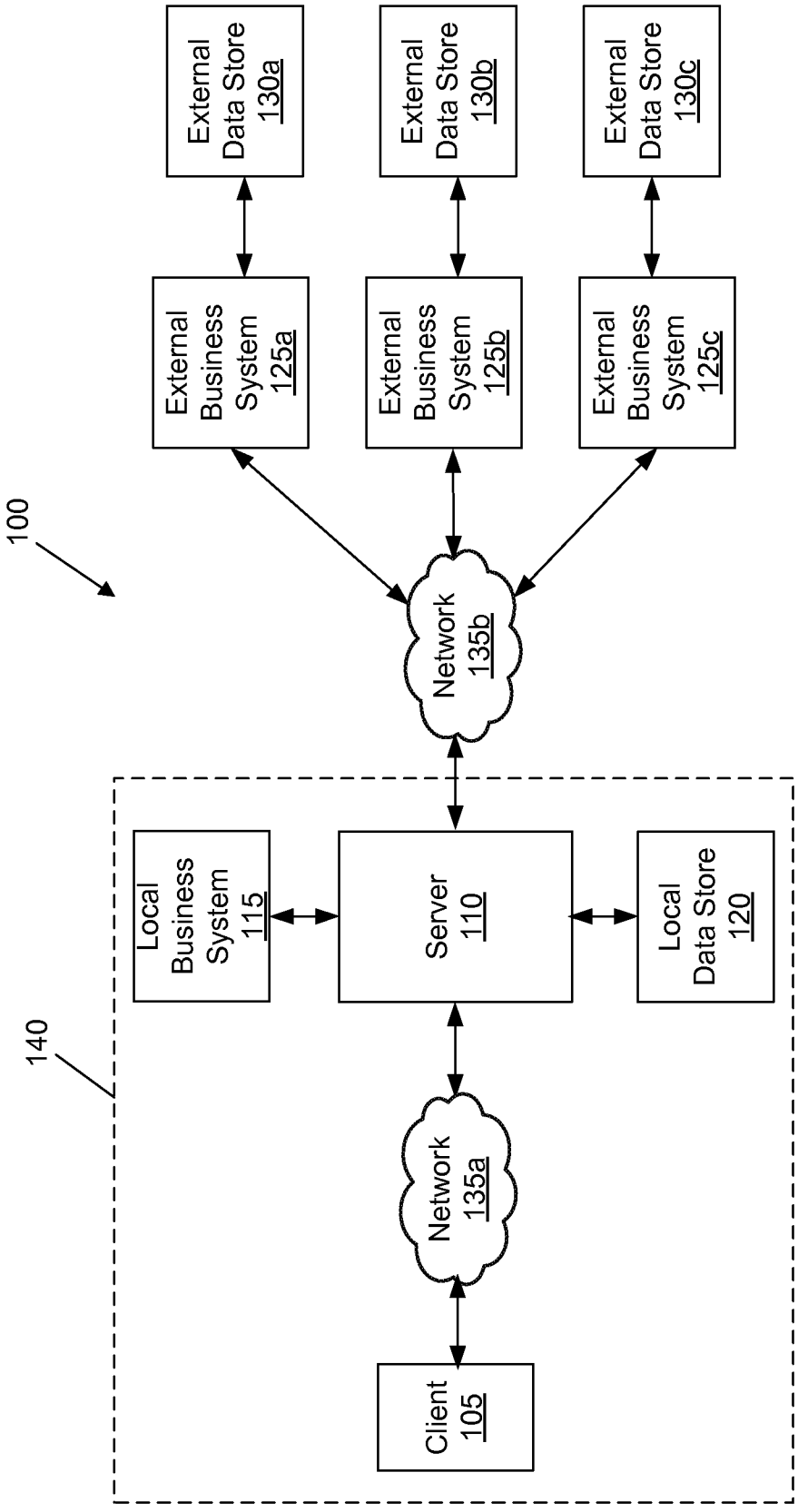
100
140
External Data Store 130a
External Data Store 130b
External Data Store 130c
External Business System 125a
External Business System 125b
External Business System 125c
Network 135b
Local Business System 115
Server 110
Local Data Store 120
Network 135a
Client 105

FIG. 1

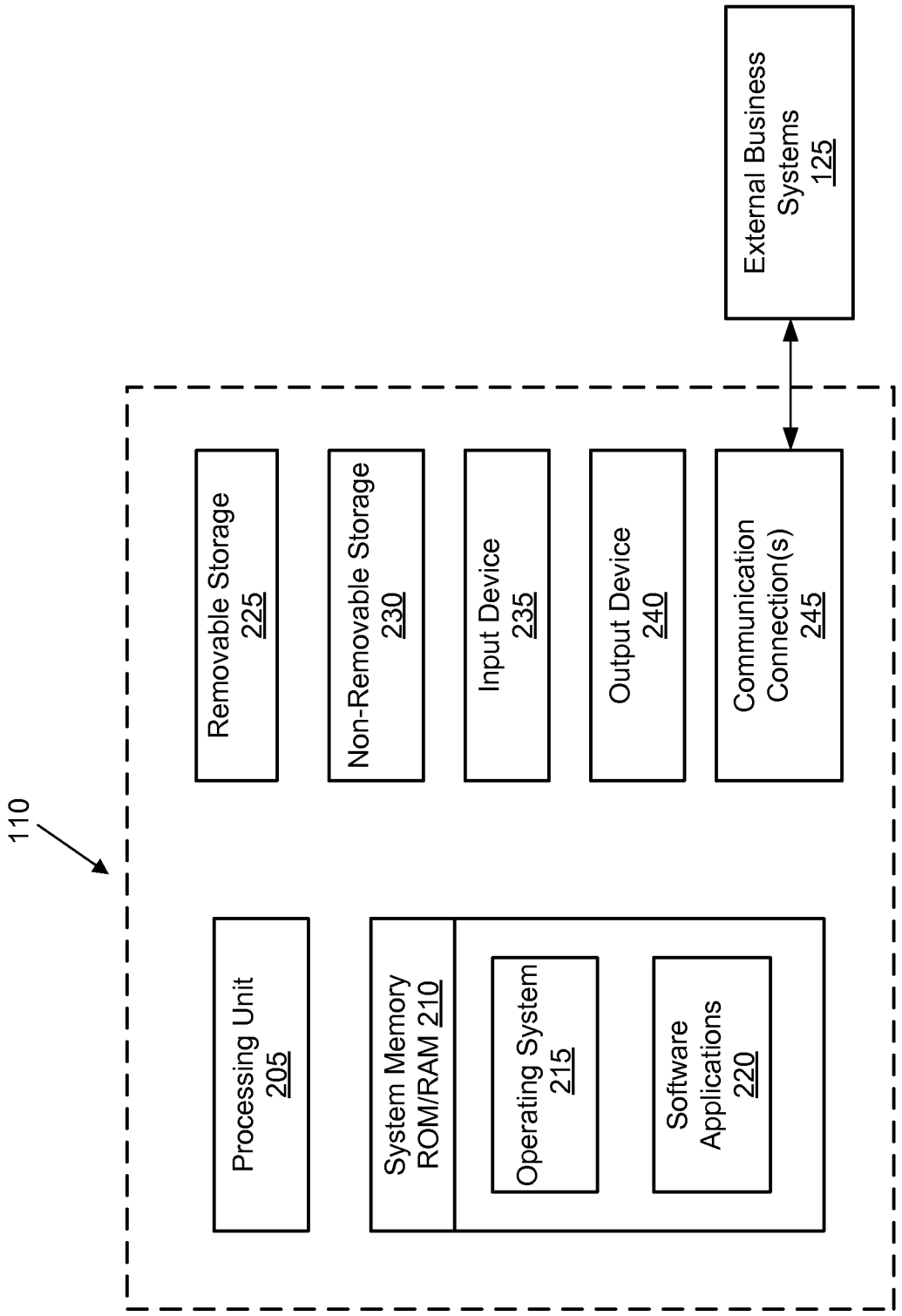
External Business Systems 125
110
Removable Storage 225
Non-Removable Storage 230
Input Device 235
Output Device 240
Communication Connection(s) 245
Processing Unit 205
System Memory ROM/RAM 210
Operating System 215
Software Applications 220

FIG. 2

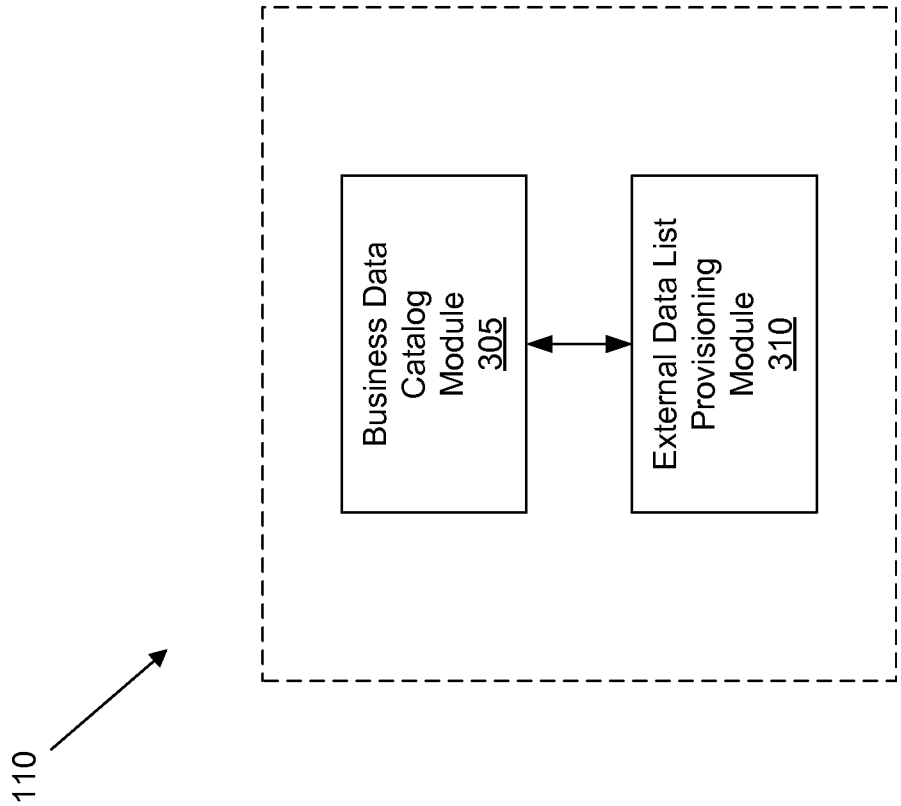
110
Business Data Catalog Module 305
External Data List Provisioning Module 310

FIG. 3

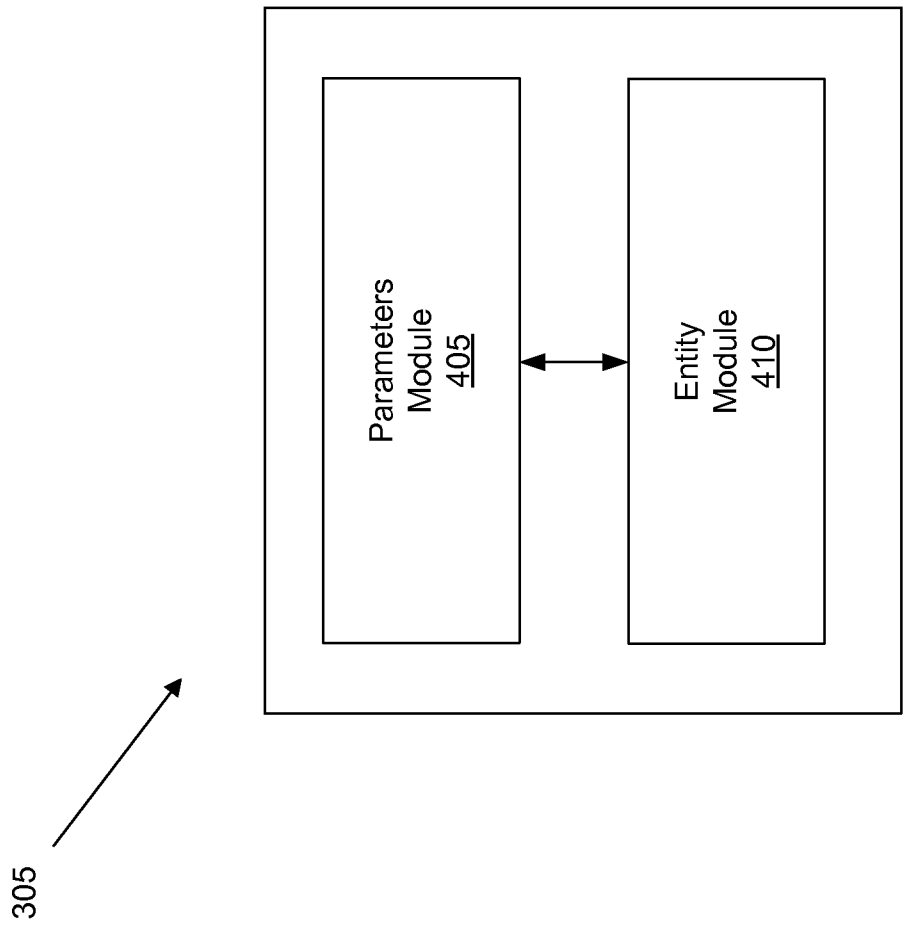

FIG. 4

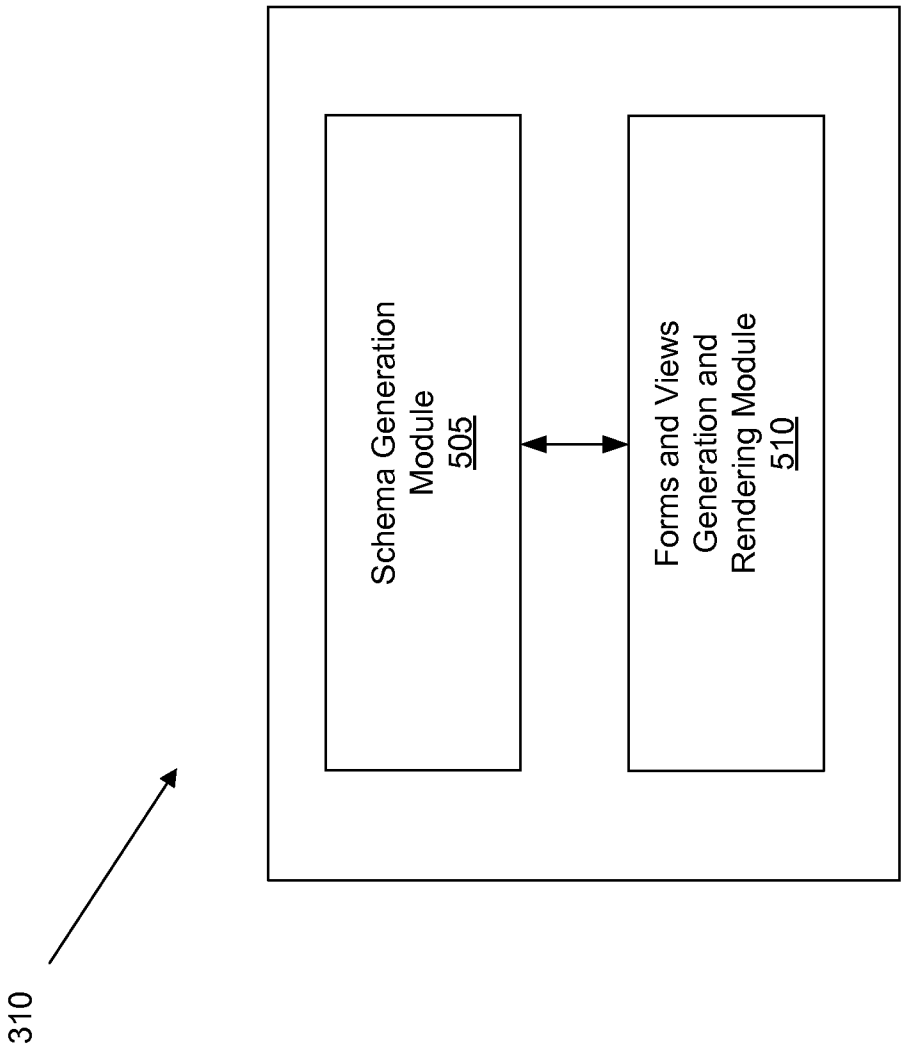
310
Schema Generation Module 505
Forms and Views Generation and Rendering Module 510

FIG. 5

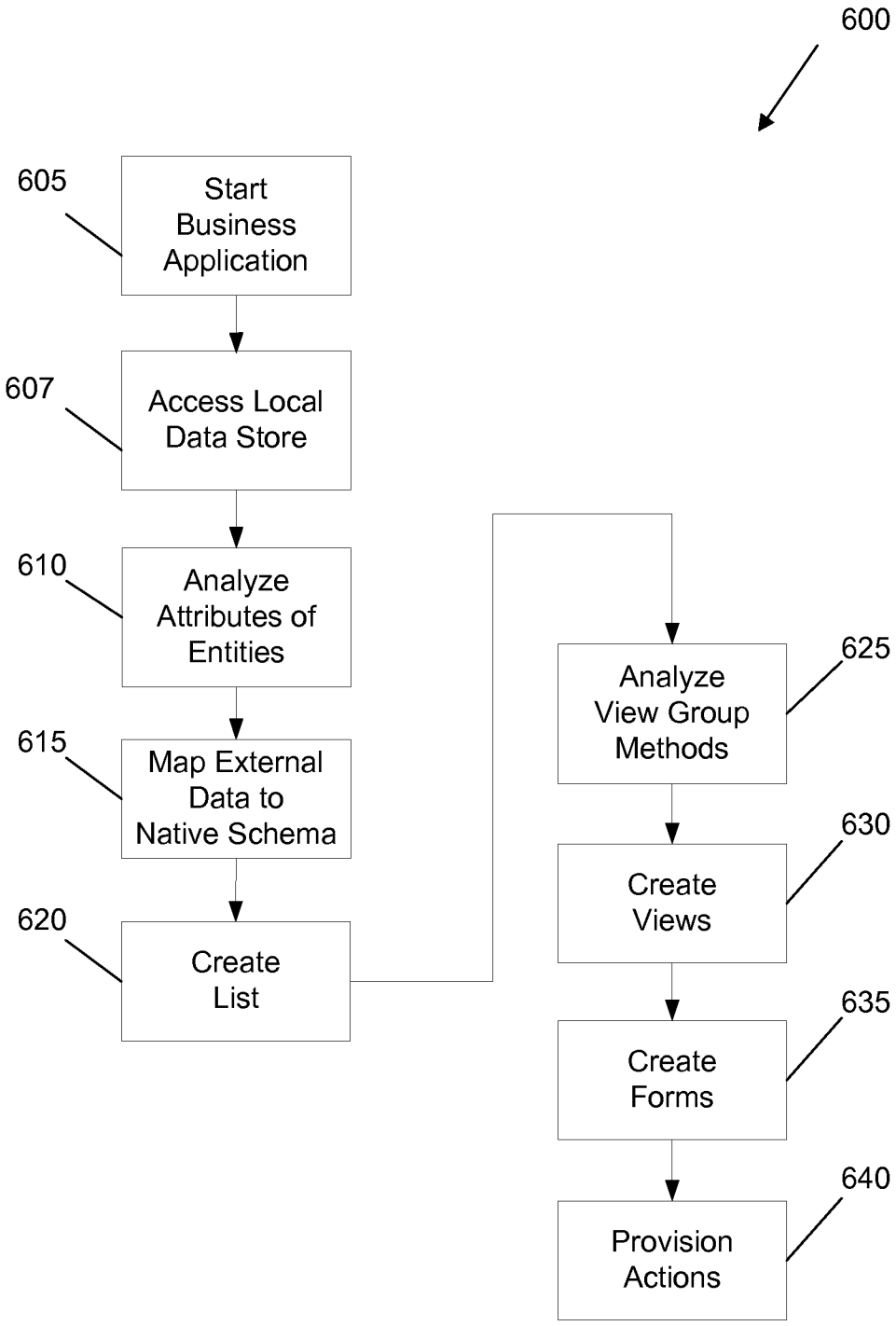
600
605
Start Business Application
607
Access Local Data Store
610
Analyze Attributes of Entities
615
Map External Data to Native Schema
620
Create List
625
Analyze View Group Methods
630
Create Views
635
Create Forms
640
Provision Actions

FIG. 6

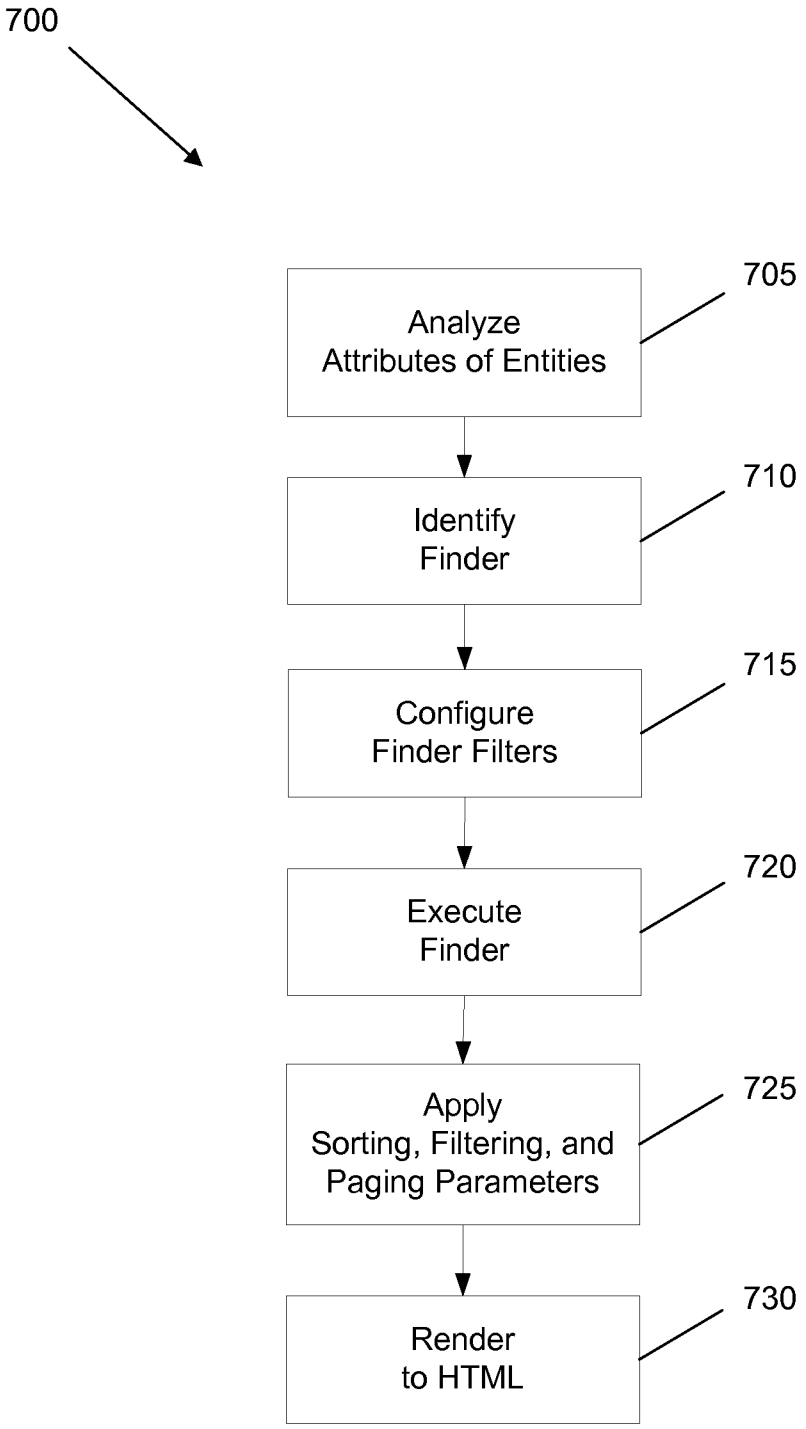
700
Analyze Attributes of Entities
705
Identify Finder
710
Configure Finder Filters
715
Execute Finder
720
Apply Sorting, Filtering, and Paging Parameters
725
Render to HTML
730

FIG. 7

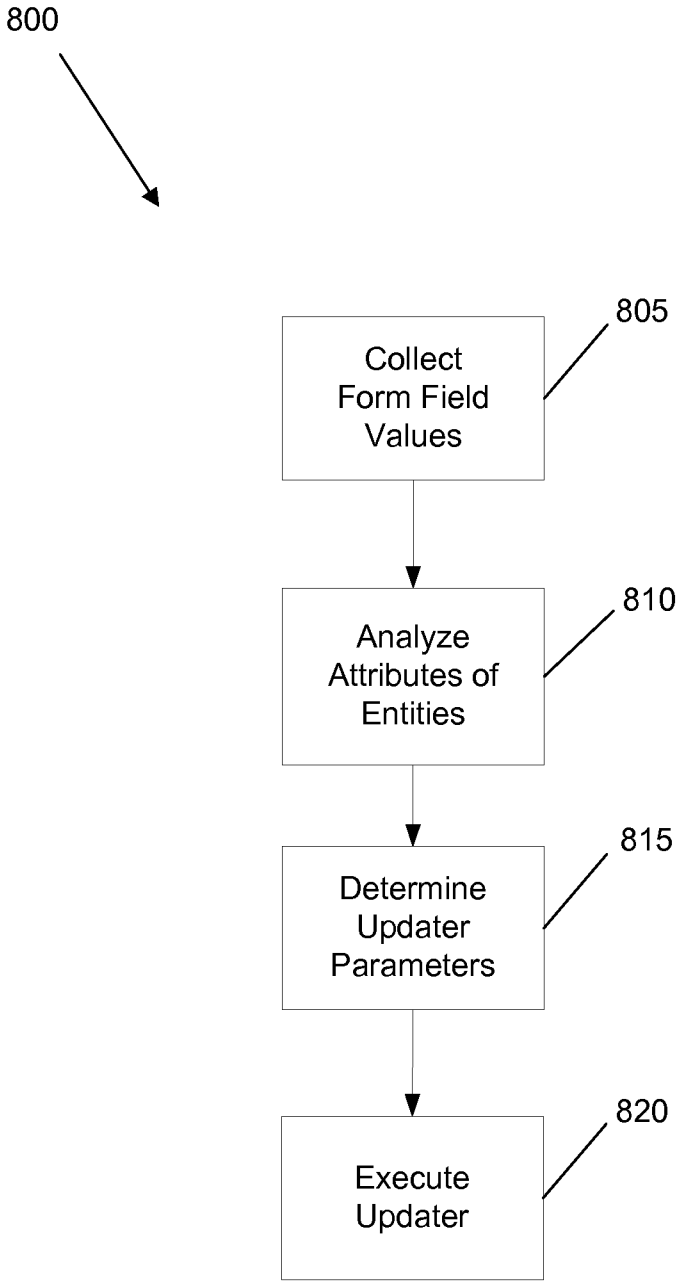
800
Collect Form Field Values
805
Analyze Attributes of Entities
810
Determine Updater Parameters
815
Execute Updater
820

FIG. 8

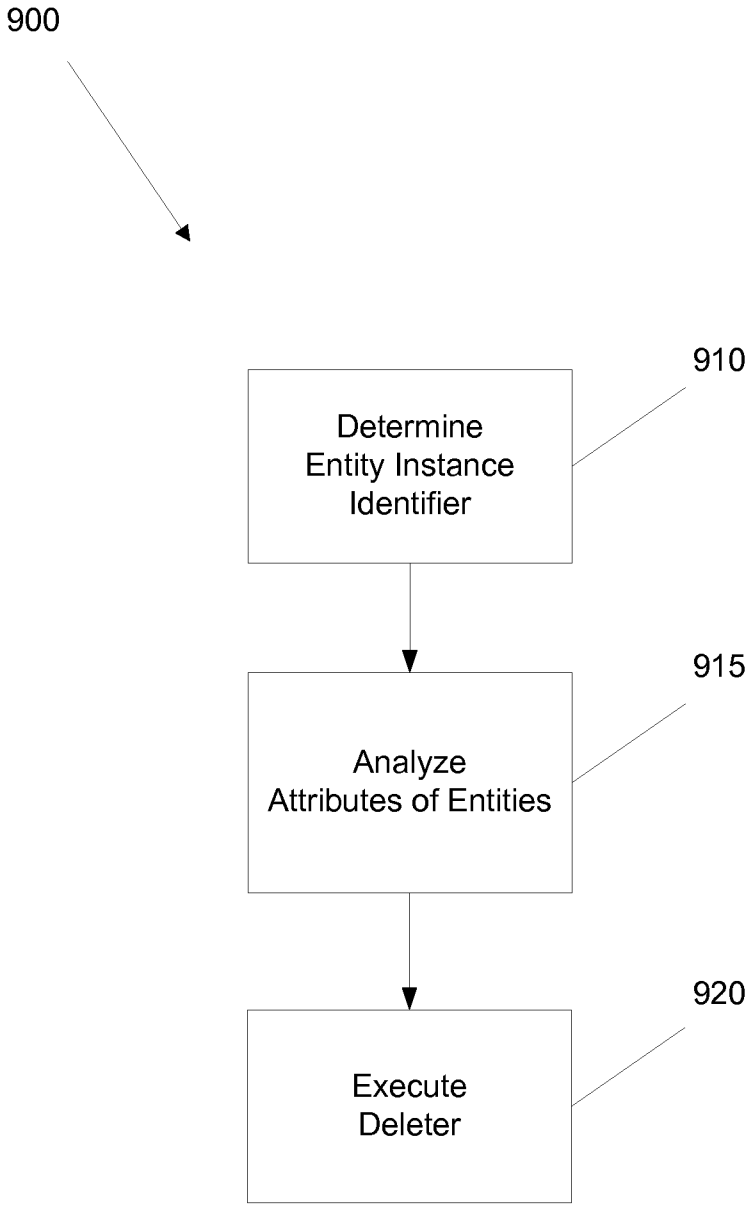
900
910
Determine Entity Instance Identifier
915
Analyze Attributes of Entities
920
Execute Deleter

FIG. 9