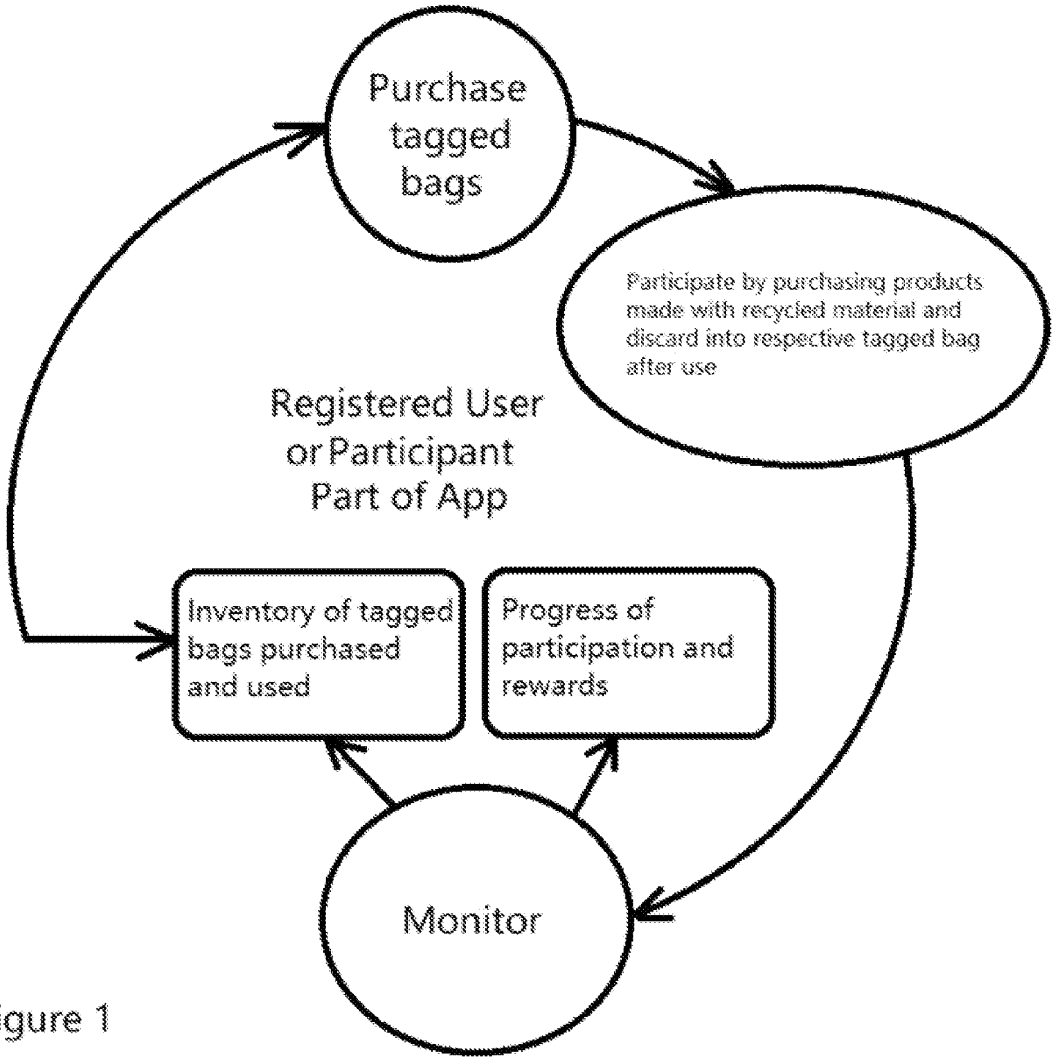

Purchase tagged bags
Participate by purchasing products made with recycled material and discard into respective tagged bag after use
Registered User or Participant Part of App
Inventory of tagged bags purchased and used
Progress of participation and rewards
Monitor

Figure 1

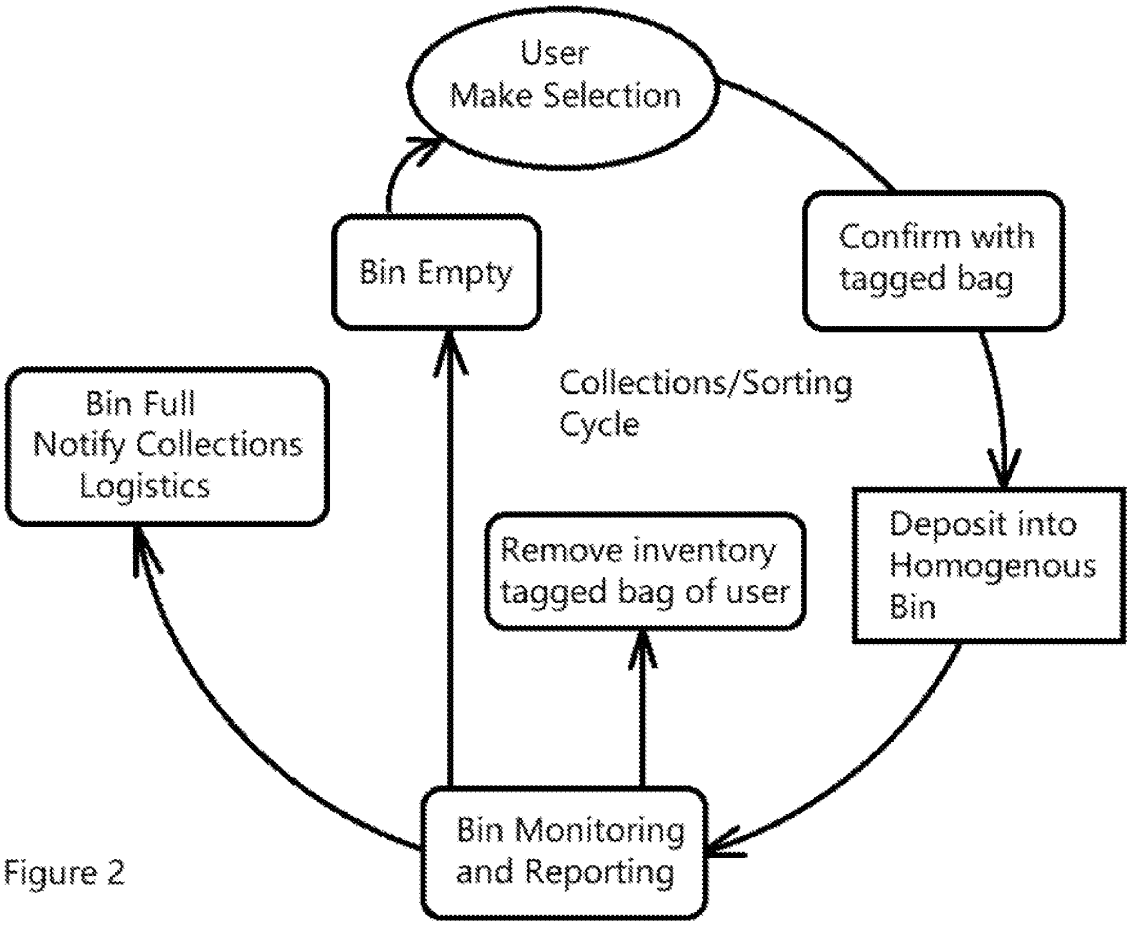

User
Make Selection
Confirm with
tagged bag
Deposit into
Homogenous
Bin
Bin Monitoring
and Reporting
Remove inventory
tagged bag of user
Bin Full
Notify Collections
Logistics
Bin Empty
Collections/Sorting
Cycle

Figure 2

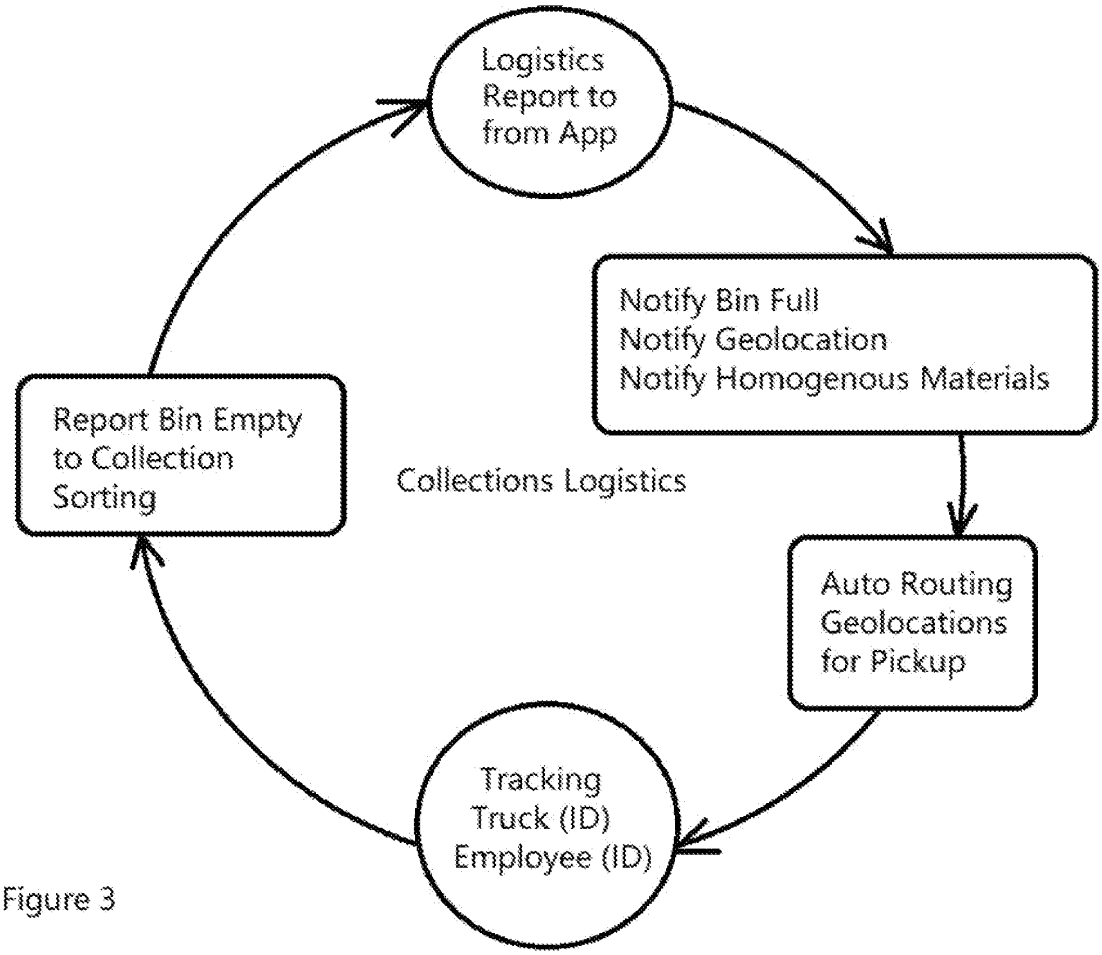

Logistics
Report to
from App
Notify Bin Full
Notify Geolocation
Notify Homogenous Materials
Auto Routing
Geolocations
for Pickup
Tracking
Truck (ID)
Employee (ID)
Report Bin Empty
to Collection
Sorting
Collections Logistics

Figure 3

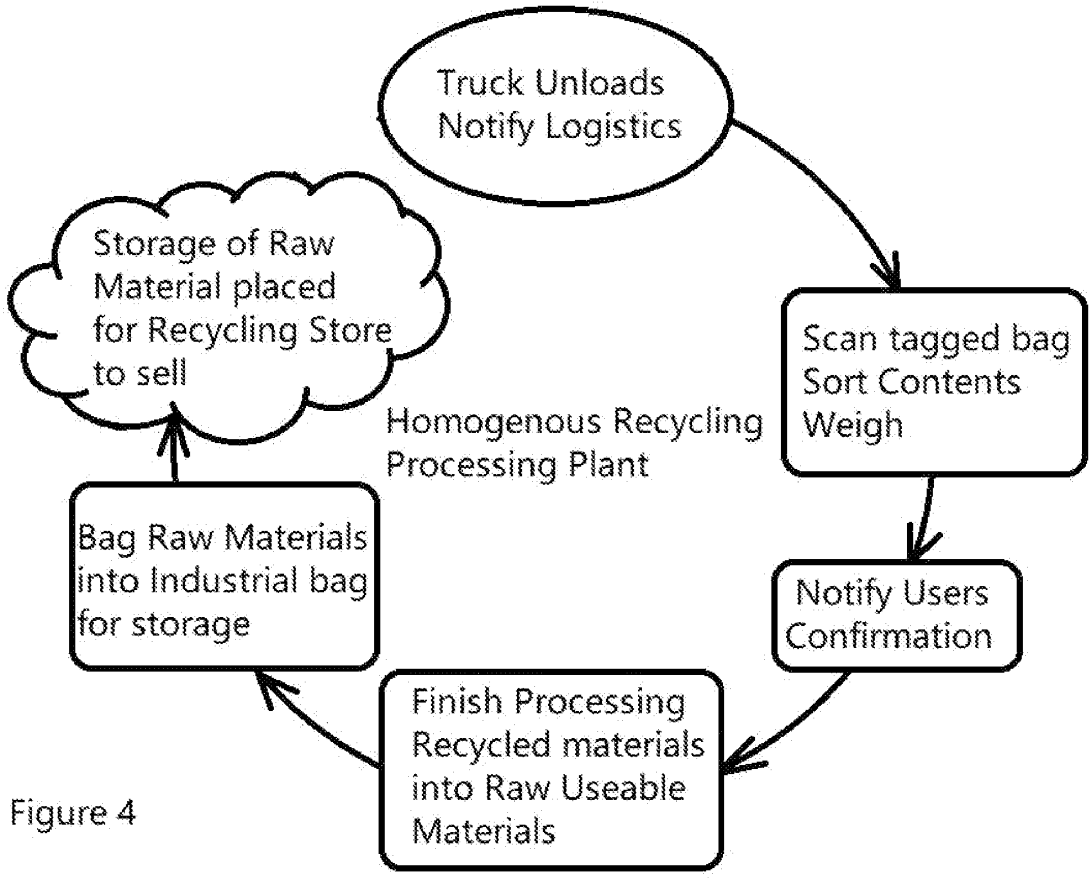

Truck Unloads
Notify Logistics
Scan tagged bag
Sort Contents
Weigh
Notify Users
Confirmation
Finish Processing
Recycled materials
into Raw Useable
Materials
Bag Raw Materials
into Industrial bag
for storage
Storage of Raw
Material placed
for Recycling Store
to sell
Homogenous Recycling
Processing Plant

Figure 4

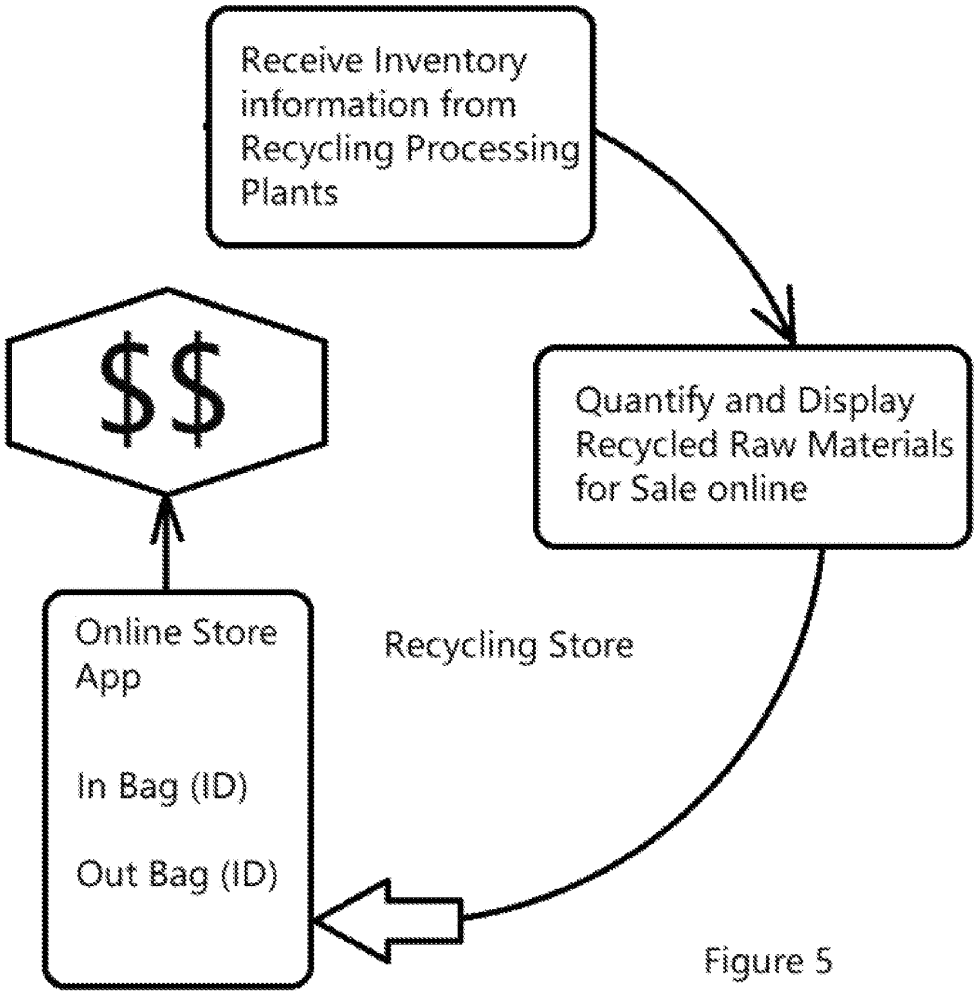

Receive Inventory information from Recycling Processing Plants
$$
Quantify and Display Recycled Raw Materials for Sale online
Online Store App
In Bag (ID)
Out Bag (ID)
Recycling Store

Figure 5

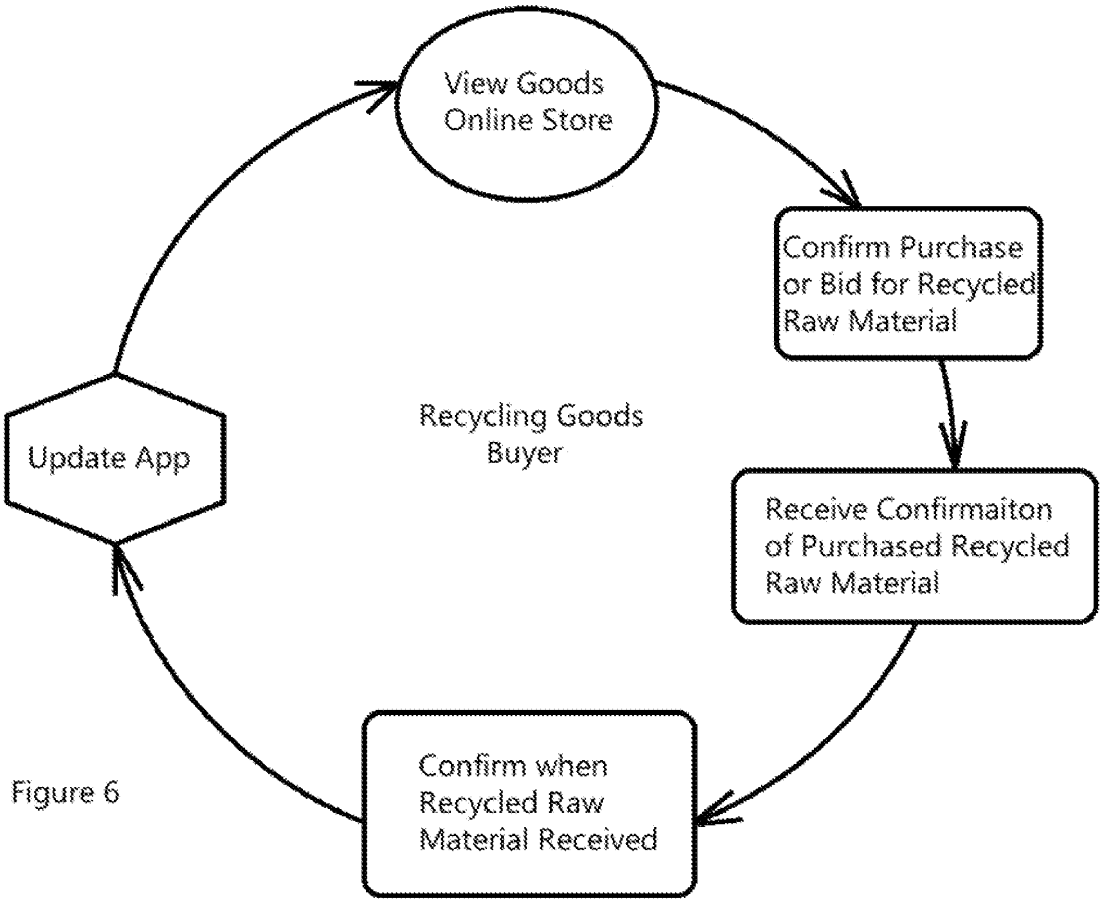

View Goods Online Store
Confirm Purchase or Bid for Recycled Raw Material
Receive Confirmaiton of Purchased Recycled Raw Material
Confirm when Recycled Raw Material Received
Update App
Recycling Goods Buyer

Figure 6

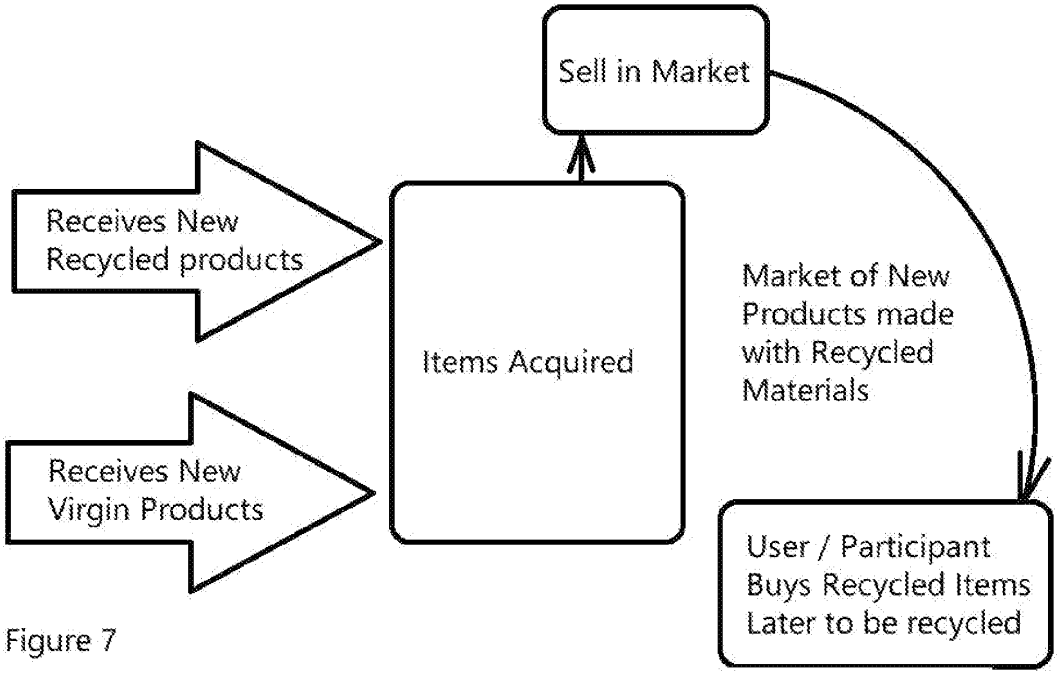

Sell in Market
Receives New Recycled products
Items Acquired
Market of New Products made with Recycled Materials
Receives New Virgin Products
User / Participant Buys Recycled Items Later to be recycled

Figure 7

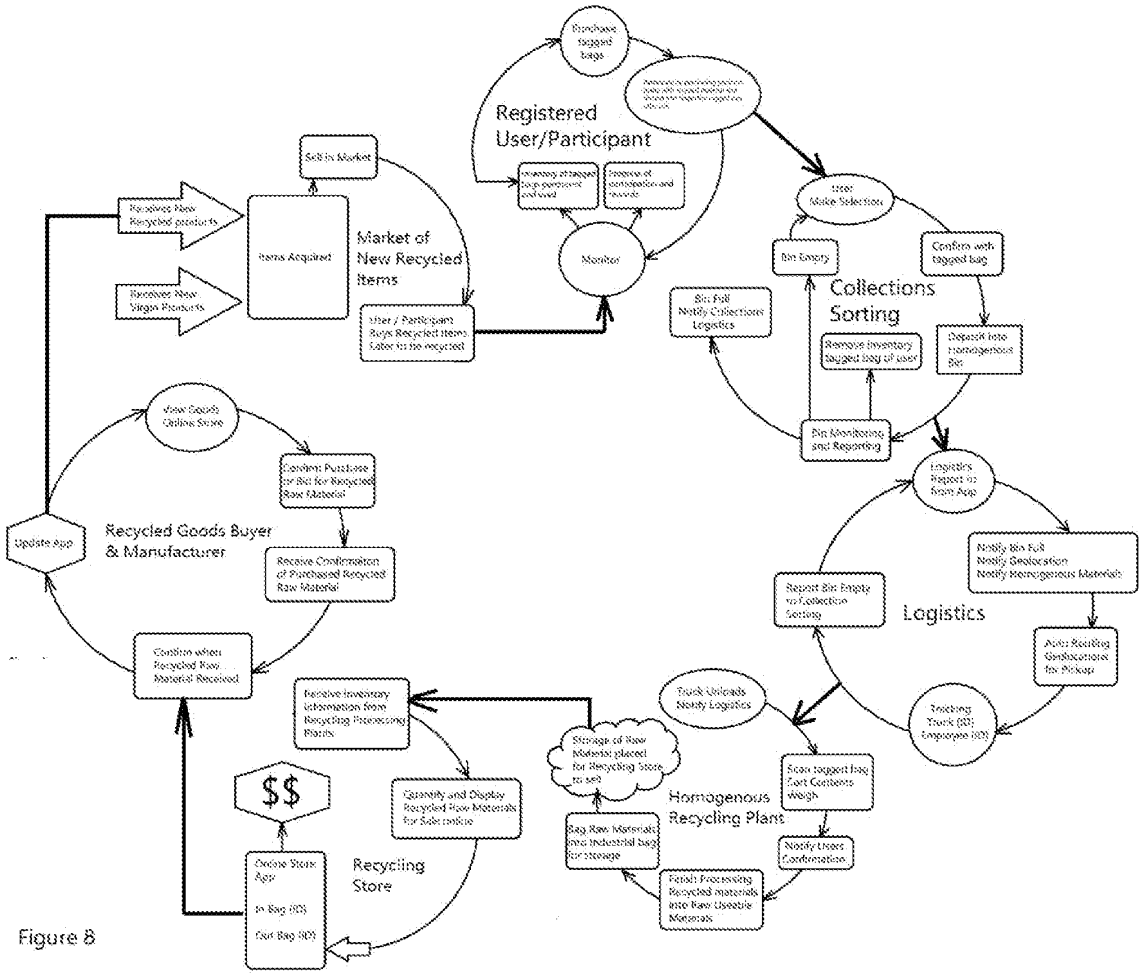

Registered User/Participant
Purchase tagged bags
Monitor
Sell in Market
Receives New Recycled products
Receives New Virgin Products
Items Acquired
Market of New Recycled Items
User / Participant Buys Recycled Items Later to be recycled
User Make Selection
Bin Empty
Confirm with tagged bag
Collections Sorting
Bin Full Notify Collections Logistics
Remove inventory tagged bag of used
Deposit into Homogeneous Bin
Bin Monitoring and Reporting
Logistics Report on from App
Notify Bin Full
Notify Geolocation
Notify Homogeneous Materials
Logistics
Report Bin Empty to Collection Sorting
Auto: Routing Geolocations for Pickup
Trucking Route (GPS) Empty on (GPS)
Truck Unloads Notify Logistics
Scan tagged bag Sort Contents Weigh
Notify Users Confirmation
Homogenous Recycling Plant
Storage of Raw Material placed for Recycling Store to sell
Bag Raw Materials into Industrial bags for storage
Retail Processing Recycled materials into Raw Useable Materials
Receive Inventory information from Recycling Processing Plants
Quantity and Display Recycled Raw Materials for Sale online
$$
Online Store App
In Bag (IB)
Out Bag (OB)
Recycling Store
Update App
Recycled Goods Buyer & Manufacturer
View Goods Online Store
Confirm Purchase for Bin for Recycled Raw Material
Receive Confirmation of Purchased Recycled Raw Material
Confirm when Recycled Raw Material Received

Figure 8

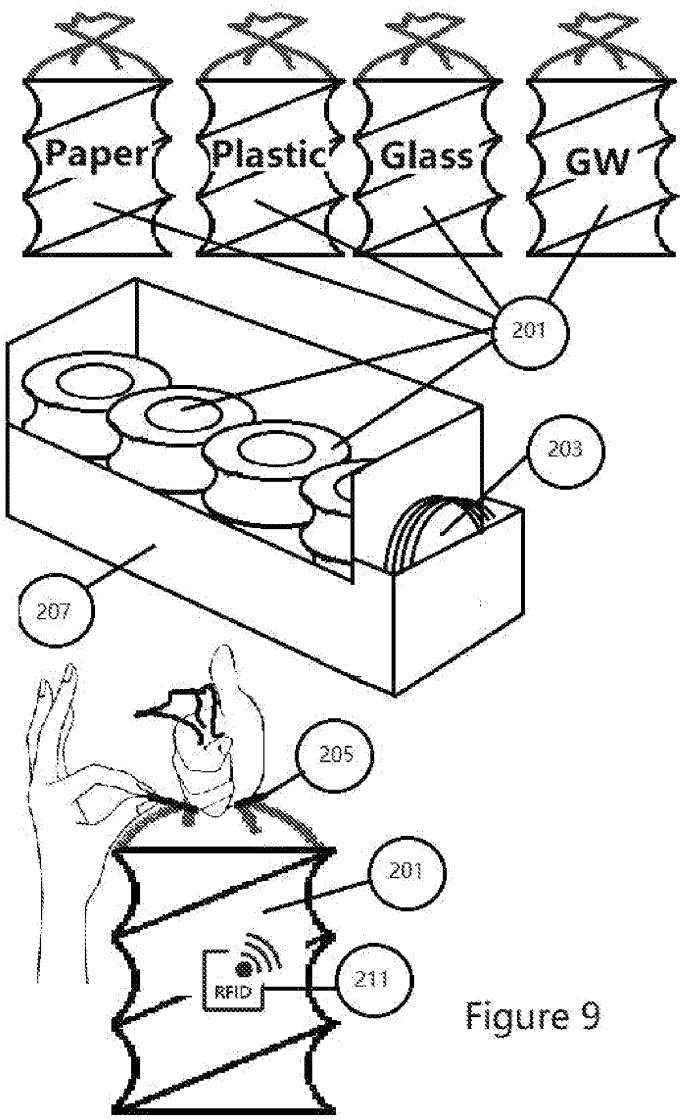


Figure 9

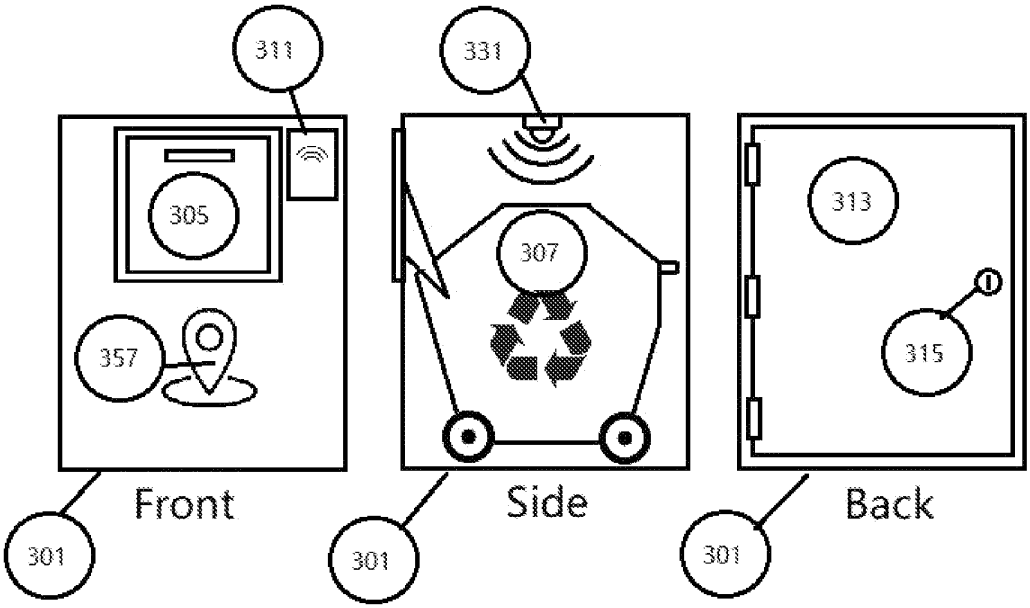


Figure 10

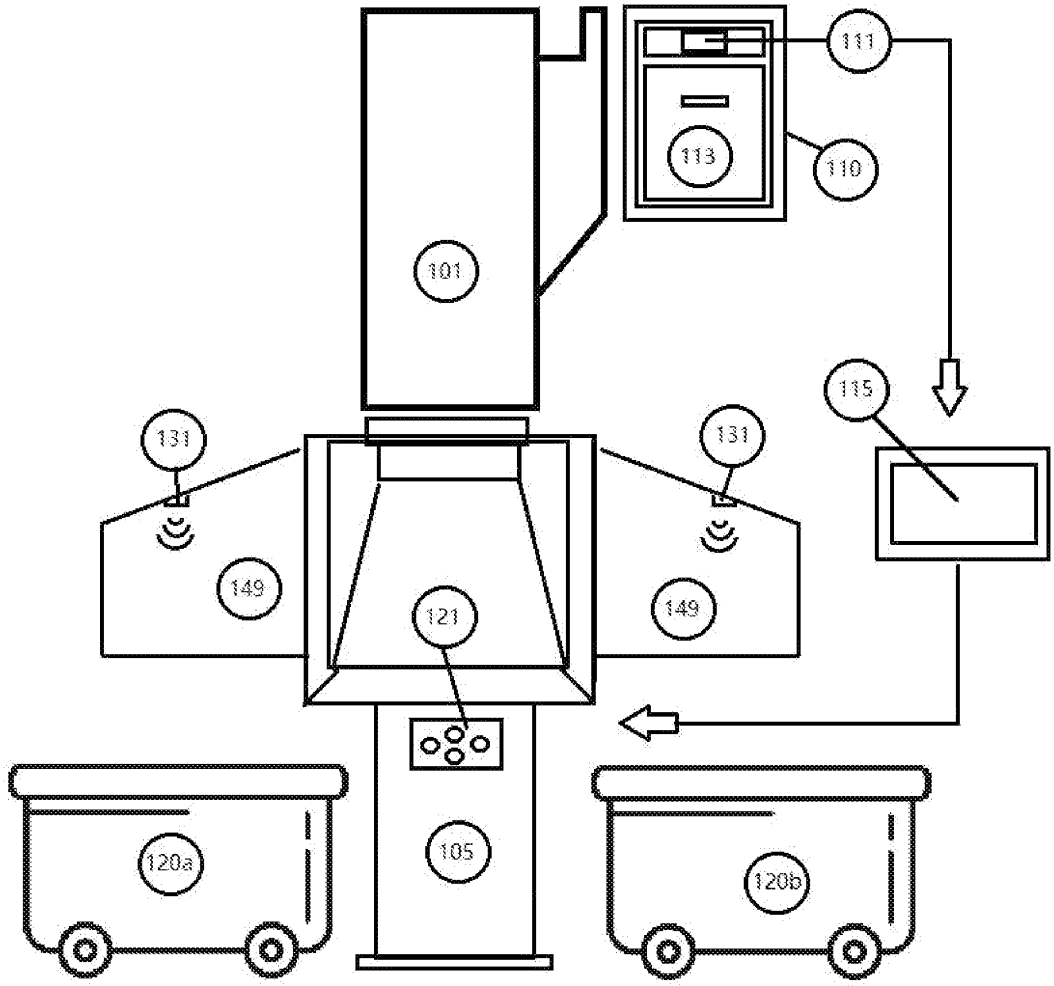


Figure 11

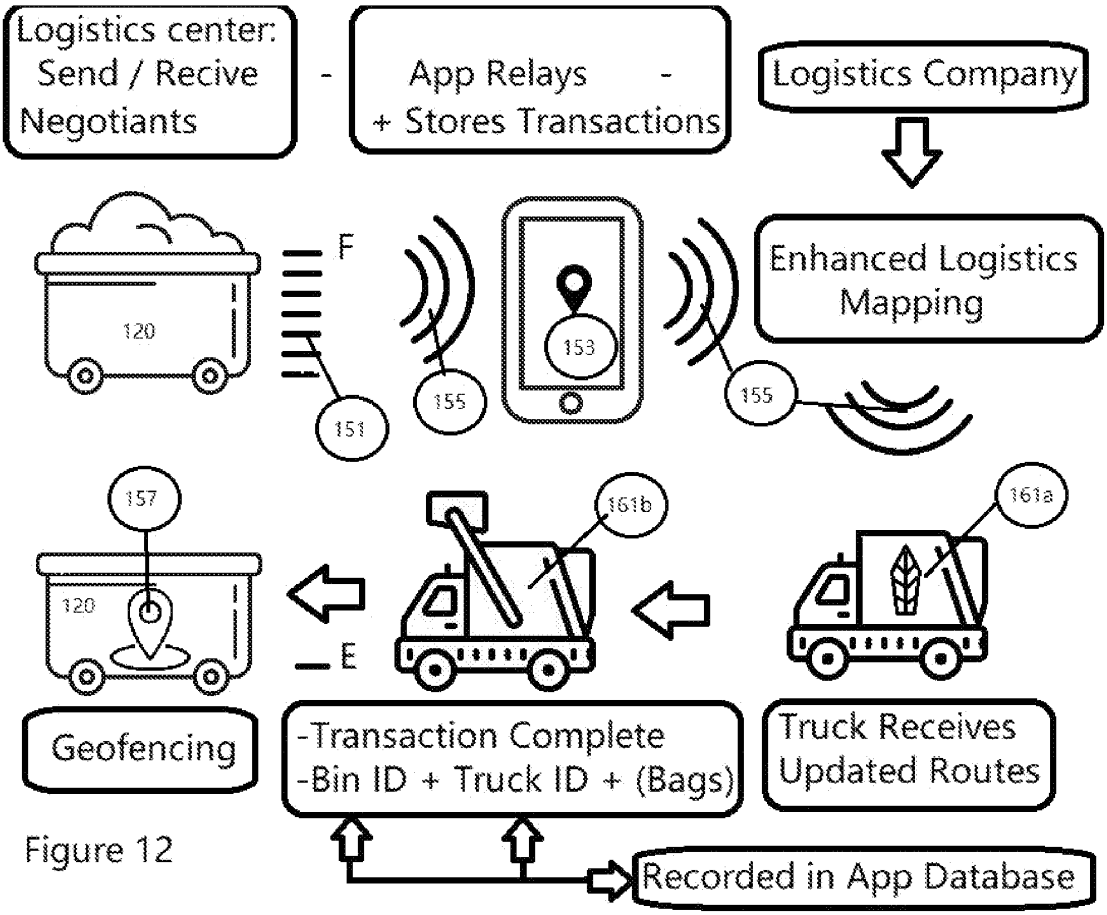

Logistics center:
Send / Recive
Negotiants
-
App Relays
+ Stores Transactions
-
Logistics Company
Enhanced Logistics
Mapping
120
F
151
155
153
155
157
120
E
161b
161a
Geofencing
-Transaction Complete
-Bin ID + Truck ID + (Bags)
Truck Receives
Updated Routes
Recorded in App Database

Figure 12

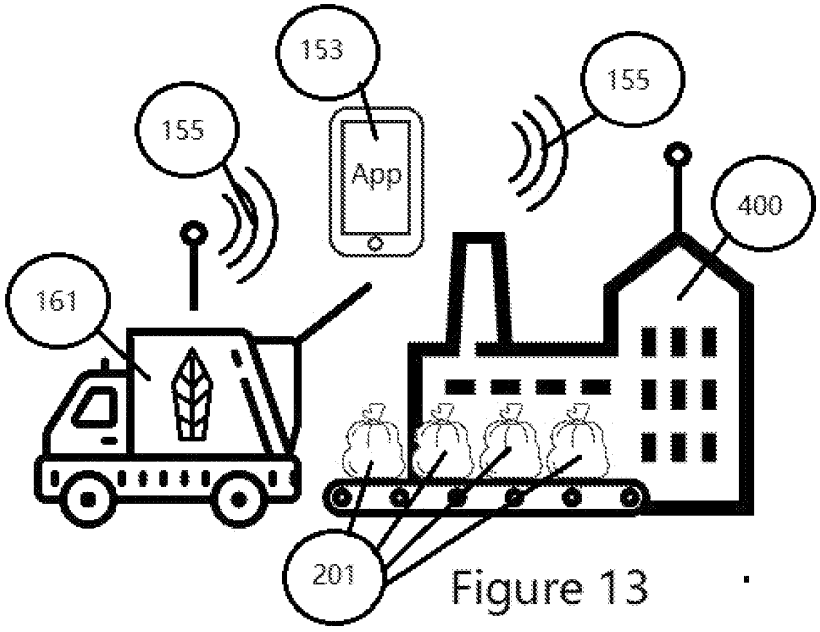


Figure 13

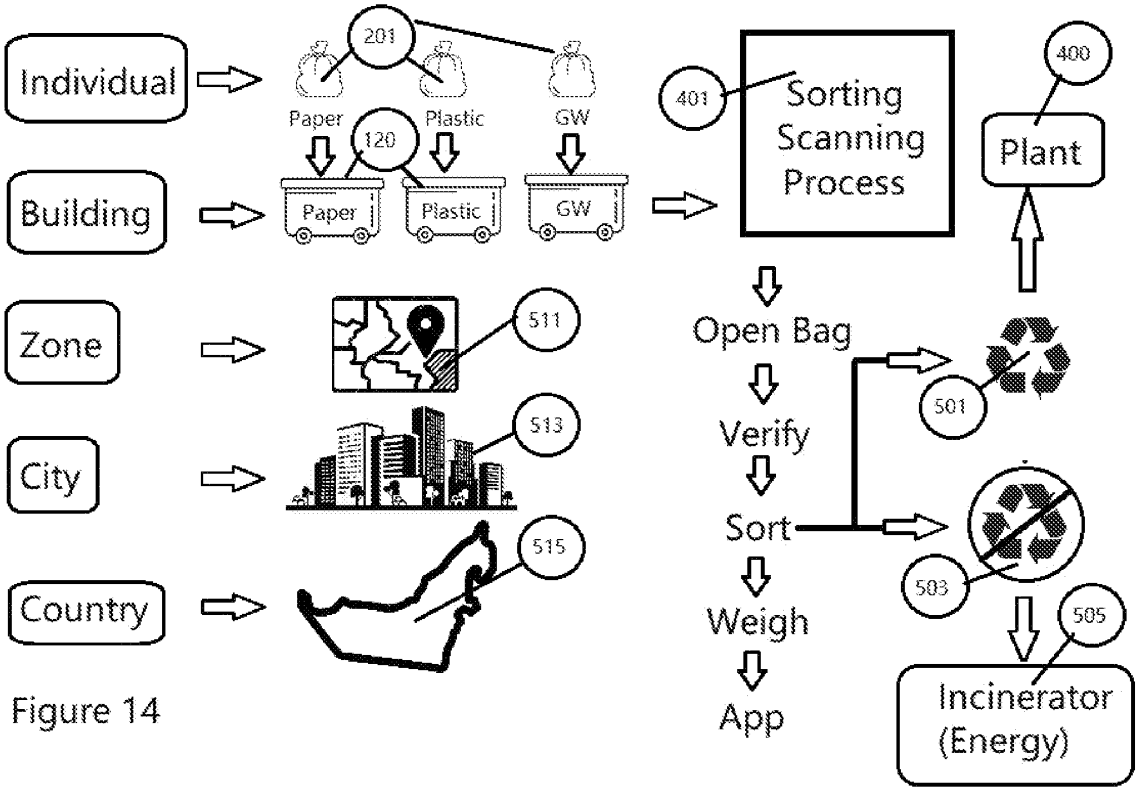

Individual
Building
Zone
City
Country
201
Paper
120
Plastic
GW
Paper
Plastic
GW
511
513
515
401
Sorting
Scanning
Process
400
Plant
Open Bag
Verify
Sort
Weigh
App
501
503
505
Incinerator
(Energy)

Figure 14

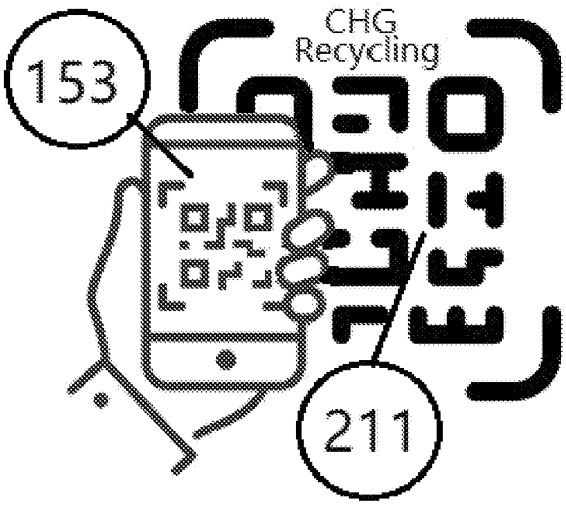


Figure 15