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(54) Title: EMBEDDED DIGITAL ID SOLUTIONS FOR TRACKING AND MANAGING RECYCLING

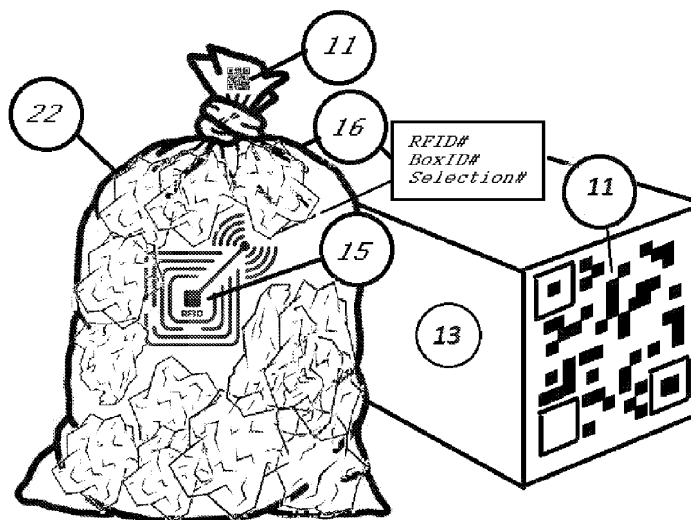


Figure 1

(57) Abstract: A device for tracking and managing homogeneous recycling waste containers utilizing a unique embedded digital encoded element comprising specific information which links disposed homogeneous recyclable waste to a first user through a first singular optical tag on an enclosure linking enclosed group associations of a plurality of embedded digital encoded element containers. The plurality of embedded digital encoded element containers are of specific genres of homogeneous waste such as Paper, Plastic, Metal, Glass, General and Organic waste and have a unique digital association within said embedded digital encoded element residing on a homogeneous waste container.

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