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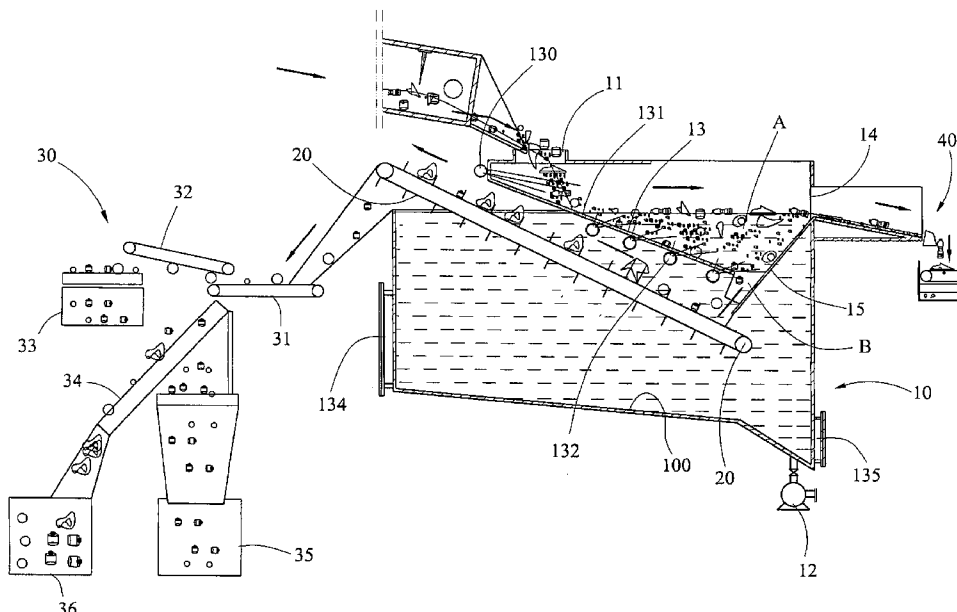
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(54) Title: APPARATUS AND METHOD OF SEPARATING HEAVY MATERIALS IN GARBAGE FROM LIGHT ONES AND
CLASSIFYING THE HEAVY GARBAGE FOR COLLECTION



(57) Abstract: An apparatus and method of separating heavy materials in garbage from light ones is taking advantage of water as a means for carrying floated garbage and submerged garbage and sinking the heavy materials in garbage by considering specific weight, buoyancy, and flow rate of water so as to remove the light materials in garbage and the heavy materials in garbage from the water container at different elevations and then to classify the heavy materials in garbage prior to collection.

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