

ABSTRACT

RESOURCES RECLAIMING APPARATUS

A resources reclaiming apparatus includes a furnace having an interior spacer. The spacer has one end forming an arched section with a distal end tilted upwards forming a sloped section extruded to form a plane spacer having a firing port therein, thereby dividing the furnace into first and second combustion chambers. The furnace has intake ports located on the right side abutting an upper end of the furnace and air ducts atop intake ports. The air ducts have one end extending into an end of a scattering and dispensing chamber. Materials convey to the scattering and dispensing chamber and dispense to the combustion chamber of the furnace through the air ducts to burn at high temperatures for molting. Fire channels to the arched and sloped sections of the spacer directed upwards to circulate and lengthen burning period. Thereby hazardous materials decompose and vitrify for storing.

(FIG. 1)