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Abstract of the Disclosure

APPARATUS FOR PREPARING CRYSTALS OF CREMATED REMAINS

5 Disclosed is an apparatus for preparing crystals of cremated remains, which forms powdered ashes of the deceased, collected after cremation, into crystals of a small bead-like shape. The apparatus has an powdered ashes silo into which powdered ashes collected after cremation
10 are input, and a heating furnace in which the powdered ashes input through the powdered ashes silo are heated and melted at high temperature, wherein the heating furnace is supported on one side of a housing via a support shaft, and the support shaft is provided with a rotating handle at one
15 end thereof, by which the heating furnace can be manipulated, and a heating mechanism providing a heat source to the heating furnace is provided around the heating furnace. The apparatus further includes a spindle plate provided below a discharge port of the heating
20 furnace, applying centrifugal force to molten ashes discharged through the heating furnace while rotating at a high speed by means of a driving motor, and crystallizing the molten ashes into small bead-like ash crystals; a vibration container having the spindle plate located
25 therein, having one side opened to form a discharge port,



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having a central bottom through which a rotating shaft for connecting the spindle plate and the driving motor passes, connected with the rotating shaft so as to perform cam motion, and vibrating up and down according to the rotation
5 of the rotating shaft caused by the driving motor; a support bracket having one end supported and fixed to the housing in order to support the spindle plate and the vibration container; and a cooling collector located just below the vibration container supported by the support
10 bracket, and having a plurality of blowers for cooling and collecting the ash crystals formed while passing through the spindle plate and the vibration container.

FIG. 3b