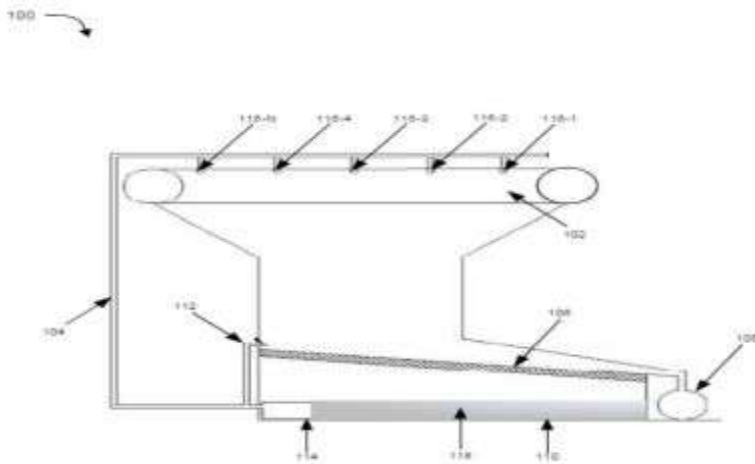


(54) Title of the invention : WASTE RECYCLING APPARATUS

<p>(51) International classification :A61F0013150000, B09B0003000000, B09B0001000000, C10B0007100000, C04B0018040000</p> <p>(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number:NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India</p> <p>(72)<b>Name of Inventor :</b> <b>1)GUPTA, Sheifali</b> <b>2)GUPTA, Deepali</b> <b>3)VERMA, Vishal</b> <b>4)CHAUHAN, Harsha</b> <b>5)JINDAL, Udit</b> <b>6)GUPTA, Rupesh</b> <b>7)SINGLA, Kamali</b> <b>8)AHUJA, Sachin</b></p>
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(57) Abstract :

The present disclosure provides a waste recycling apparatus 100 that includes an inlet conduit 102 perforated on at least one of the sides, and accommodates plant waste materials 120. A first pipe 104 carries purges a fluid 118 at the plant waste materials 120 to facilitate settling down of the plant waste materials 120, and hence, restricting spreading and mixing of the plant waste materials 120 in nearby surroundings and air. The plant waste materials 120 move from the inlet conduit 102 to the perforated sheet 106, where at least a portion of the fluid 118 flows back to a fluid source 110. A second pipe 112 purges the fluid 118 to facilitate motion of the plant waste materials 120 from the perforated sheet 106 to a grinder 108. The grinder 108 grinds the plant waste materials 120, which is further utilized in manufacturing disposable items.



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