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(54) Title of the invention : CUSTOMIZABLE SNACKS PREPARATION DEVICE

<p>(51) International classification :A23N0012020000, A23L0019180000, A21C0001020000, B26D0003180000, F25B0021020000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Jaipur National University</b> Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>Name of Applicant : NA</b> <b>Address of Applicant : NA</b></p> <p>(72)Name of Inventor : <b>1)Saket Dixit</b> Address of Applicant :School of Hotel Management &amp; Catering Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>2)Shivam Sharma</b> Address of Applicant :School of Hotel Management &amp; Catering Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>3)Ruby Singh</b> Address of Applicant :School of Life &amp; Basic Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>4)Dr. Pankaj Srivastava</b> Address of Applicant :School of Life &amp; Basic Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p>
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(57) Abstract :

A customizable snacks preparation device comprises of a housing 1 configured with a container 2 stored with multiple washed potatoes for preparing snacks, a display panel 23 for giving input regarding snacks, a sorter conveyer 4 for translating potatoes, a motorized lid 3 to open/close container 2 for dropping potatoes, multiple chambers 5 for storing and sorting potatoes, an iris lid 6 attached at base of chambers 5 for dispensing potato over a tray 7, an imaging module 22 for monitoring process of snacks preparation, a pair of grippers 8 for picking and holding potato, a telescopic pin 9 for lifting potato, a laser projection unit 21 for projecting projection lines, a telescopic cutting blade 12 for cutting potato, a compartment 13 filled with mixture of flour and water for dipping spiral shape, a frying receptacle 14 for frying spiral shape and a Peltier module 15 for heating oil.

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