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<p>(51) International classification :B67D0001120000, B67D0001080000, G06Q0010080000, A44C0009000000, G01N0035000000</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 : 1)Jaipur National University Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ravi Prakash Upadhyai Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>2)Robin Khandelwal Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>3)Rohit Kumar Meena Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>4)Sanjeet Kumar Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p>
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(57) Abstract :

The present invention relates to a ring manufacturing device, comprises of a cuboidal shaped housing 1 established on a surface, a display panel 2 for allowing user to specify finger for which user desires to manufacture ring, an image capturing module 3 for determining dimension of user specified finger, an expandable hollow rod 5 to extend in proximity to primary chamber 4, a peltier unit 6 for heating wax up to optimum temperature, a robotic arm 7 for removing mould from hollow rod 5 and positioned on pair of V-shaped extendible links 8, a secondary chamber 9 for storing mixture of borax and gypsum, an electronically controlled nozzle 10 for dispensing mixture on cavity of mould, multiple containers 11 for storing different type of metals and heating unit 12 for heating metal specified by user and ECV 13 for dispensing liquid metal on cavity layered with mixture.

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