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(57) Abstract :

The present invention relates to a broom manufacturing device comprises of a housing having a funnel shaped chamber 1 for containing a plurality of bamboo sticks, a movable disc 5 consists of multiple number of slots 6 occupied with deformable plastic glass 8 dedicated towards receiving a set of sticks, a heating coil 7 integrated within each of slots 6 that is supplied with electric current to glow coil red hot thus gives off heat for melting plastic glass for properly binding the sticks from one end, a robotic arm 10 attached inside housing for moving gripped sticks in proximity to a cutting arrangement, a fixed bar 12 developed with sharpened blades and a pusher 11 such that pusher extends against blades to chop off bind sticks in order to manufacture a broom with the help of sticks.

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