

Design and Development of Incense Dipper Machine for Commercial Agarbatti Manufacturing Industries in India



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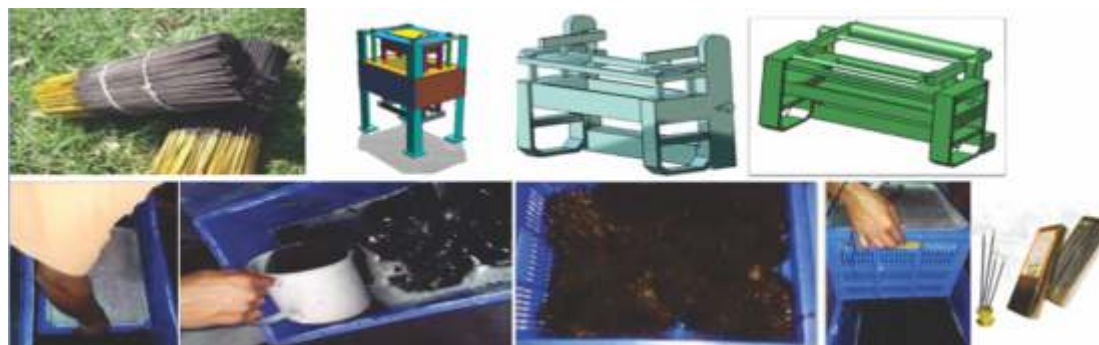
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Abstract:

In India Agarbatti [Incense Sticks] market is huge. Agarbatti is sold both in rural India as well as in cities also. Agarbatti market is driven by tradition and religious terms. More than half of world's Agarbatti supply is exported by India. In cottage industry also the manufacturing process of Agarbatti sticks are been taken place. So various need of machinery are required in Agarbattis Industries.

We have disclosed here in the design and development of incense dipper machine for commercial Agarbatti manufacturing industries in India for which comprises a basket to house the Raw Batti's, a lifting arrangement to move the basket up & down, a variable Spring arrangement is provided to being down the basket to the incense liquid chemical solution tank with leg operated method with the help of which, Raw Batti's can be dipped in chemical incense liquid, left to absorption of liquid and lifted up to drip the incense liquid form the basket. The existing Dipping process machine is heavy , electrically used, difficult in equal absorption to the batti's and as skin contact is more the user needs an extra pair of helping hands. By having a simple solution it will be possible to reduce the effort, reduce skin contact, impact size, weight, mass production etc.



Various concepts of incense dipper machine



Final concept