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(57) Abstract :

700233030 700233030 7. ABSTRACT OF THE INVENTION The invention pertains to a manually operated machine that can be used for multiple purposes such as separation of copra from dried coconuts, cutting of coconuts and coconut fronds, separation of leaflets from the coconut frond and also for the separation of leaf midribs for broomstick making. Moreover, with an additional attachment, having variable angle adjustment which also act as a Copra Detacher Support Stand, this machine will enable the user for cutting of Copra, fruits and vegetables in an easy and comfortable way. The present practice of detaching Copra is to use ordinary knives which is a risky and time consuming process and will often lead to injuries on hand during this process. The machine has several uniqueness. It is low cost when compared to any other machine performing the same function. Its operation is relatively risk free when compared to the traditional style of copra detachment and other operations mentioned above. This machine has no complicated parts and it does not require special skills and involve any complex operations. It is a single machine capable of performing multiple operations instead of buying separate machine for each function mentioned earlier. This machine is easy to carry, durable, eco-friendly, and having low maintenance charges. It is also affordable by marginal farmers and individual households who cannot buy costly machines. The cost of this machine can be minimised by adopting similar ergonomic designs. OFFICE CHENNAI 2 6/86'2 019 16-46

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