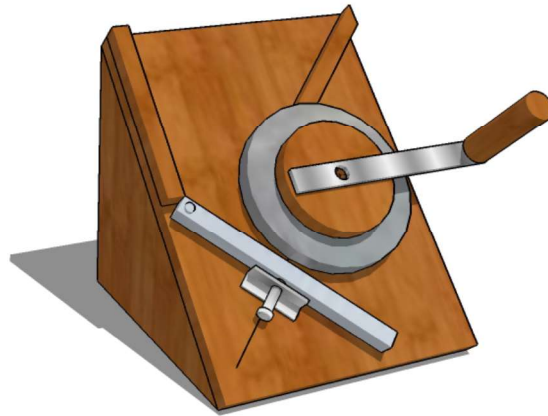
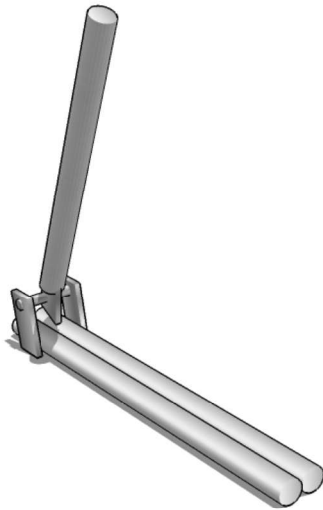




CGUI MORAMA NUT SHELLER



Morama is an indigenous nut of the Kalahari Desert that can be found around D'Kar. It is a valued and healthy source of food for local families and a good source of income if sold. However, the traditional method for shelling the nuts by cracking with stones or sticks is time-consuming (20-30mins per kg), laborious, and can cause injuries.

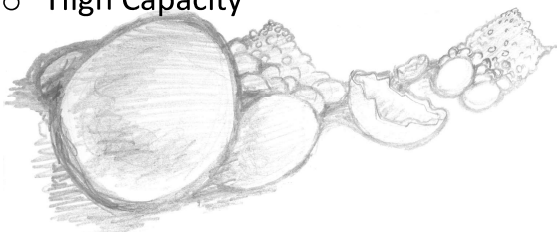
The aim of our project is to work with local people to develop two devices which will improve and impact lives in Dkar. Firstly, a simple handheld cracker for households that can shell morama nuts safely at a faster rate (from 12 nuts per minute when shelled by hand to 25 nuts per minute) And secondly, a rotary machine for efficiently cracking larger quantities of nuts to empower local entrepreneurs to make and sell morama products.

Hand Cracker:

- Safe
- Affordable
- Easy to make

Rotary Cracker:

- Safe
- Efficient
- High Capacity



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