Bamboo Charkha (Cotton spinning)

Bamboo Folding Chair

HALU (Hideo Oguri), HUMAN TECH LAB
Introduction

HALU (Hideo Oguri)

Engineer in large company developing the diesel engines for construction machinery

Freelance engineer, founder of HUMAN TECH LAB, LLC developing the equipments to draw the human ability

Open source products — Bamboo Charkha, Bamboo Folding Chair Human-powered dehydrator, etc.

Patented technology — Human-powered generator, etc.
Background

Globalization
Economical Growth

Earth Quake in 2011/03/11, followed by Tsunami, Nuclear Power plant Explosion

Many people noticed that the weakness of the urban life style based on the global economy, and changed their life.

Resilience
Localization
Local economy
Bamboo Folding Chair — phyllostachys nigra
Bamboo Charkha (Tareng) — *phyllostachys bambusoides*

Portable spinning wheel, made of bamboo
Laptop-type, sitting on the chair
— more comfortable than the traditional charkha on the floor
Why Bamboo? Why Cotton spinning?

Bamboo — useful material, available all over the world, but not used because they have been replaced by plastic.

Cotton — in Japan, almost 100% are imported, and, most people have forgotten how the clothes are made.

When the people forget how the things are made, they lose the respect to those who made the things.

“The True Cost”
https://youtu.be/NDx711ibD1M

“Made in Bangladesh”
https://youtu.be/OnD5UOP5z_c
Most people don’t know how the threads are made.

Spinning wheel is a tool in fairy tale.
hand-spin, hand-loom workshop in Japan

https://www.facebook.com/pages/category/Product-Service/暮らしの手仕事がくらして-770980469696080/
イベント情報

2018.12.22

毎月開催糸紡ぎワークショップ。糸紡ぎカフェ。

2018.11.24
毎月開催ワークショップ
糸紡ぎカフェ

2018.12.1
毎月開催ワークショップ
糸紡ぎカフェ

2018.12.2
毎月開催ワークショップ
糸紡ぎカフェ

2018.12.22
毎月開催ワークショップ
糸紡ぎカフェ

news

毎月開催糸紡ぎカフェ

2018.12.22（sat）13:00-15:00
場所：世田谷区樋ヶ丘FEPカフェ

http://www.tokycottonvillage.com/2018-12-22/
Most people in the age of 60th or 70th know how to spin. I heard that, in Henan, some people still spin cotton.
Bamboo Charkha and Bamboo Folding Chair, as Open Source Project

support the people to make these items to start their small business.

“made by xxxxx, designed by Hideo Oguri, HUMAN TECH LAB “

Each parts in the world, people make the necessary items utilizing the local materials such as bamboo, and customers respect the makers and artisans.

This is the change I wish to see in the world.
Thank you!
How to spin?

3 steps

step 1
draw the thread from cotton

step 2
twist the thread

step 3
winding the thread on spindle