Teh FaZzZ0r

TabascoEye

29. November 2011

Inhalt

1. What?
   - LASER
   - cutter
2. What??
   - fslaser
   - software
   - why FaZzZ0r
3. What???
   - engrave
   - cut
   - ideas

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err.. what?

L A S E R

Longcat amplified, severly eye reducing

L.A.S.E.R.

Longcat amplified, severly eye reducing

L.A.S.E.R.

Light **A**mplification by **S**timulated **E**mission of **R**adiation

knife with light

Principle

If you put a lot of energy on a small spot, you can cut stuff.
Even when the beam is invisible!

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who made it?

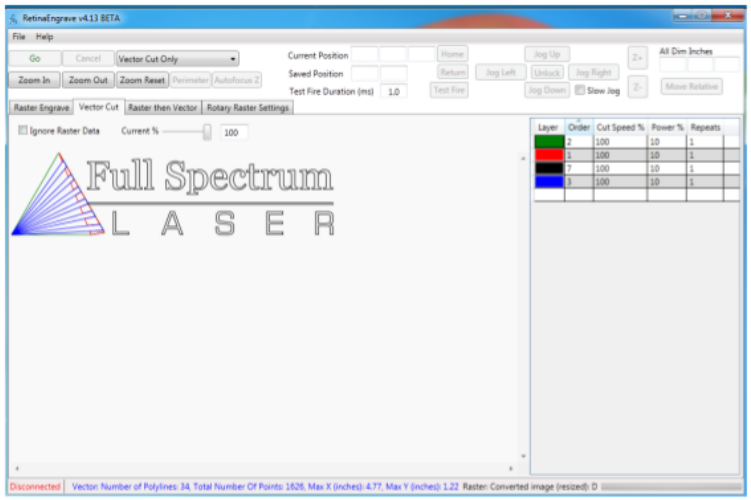
Full Spectrum LLC
Hobby deluxe laser

- 40 Watts CO_2 Laser tube
- Watercooled
- ca.36x24cm cut area
- visible red assist laserpointer
- USB connection to control PCB

how is lazzer formed?!

Retina Engrave

- Software+Driver
- Windows only, but VBox works
- registered as printer!
- use any software that prints
- driver starts software and laser



and taking names

Nick Farr + LaZzZ0r

=

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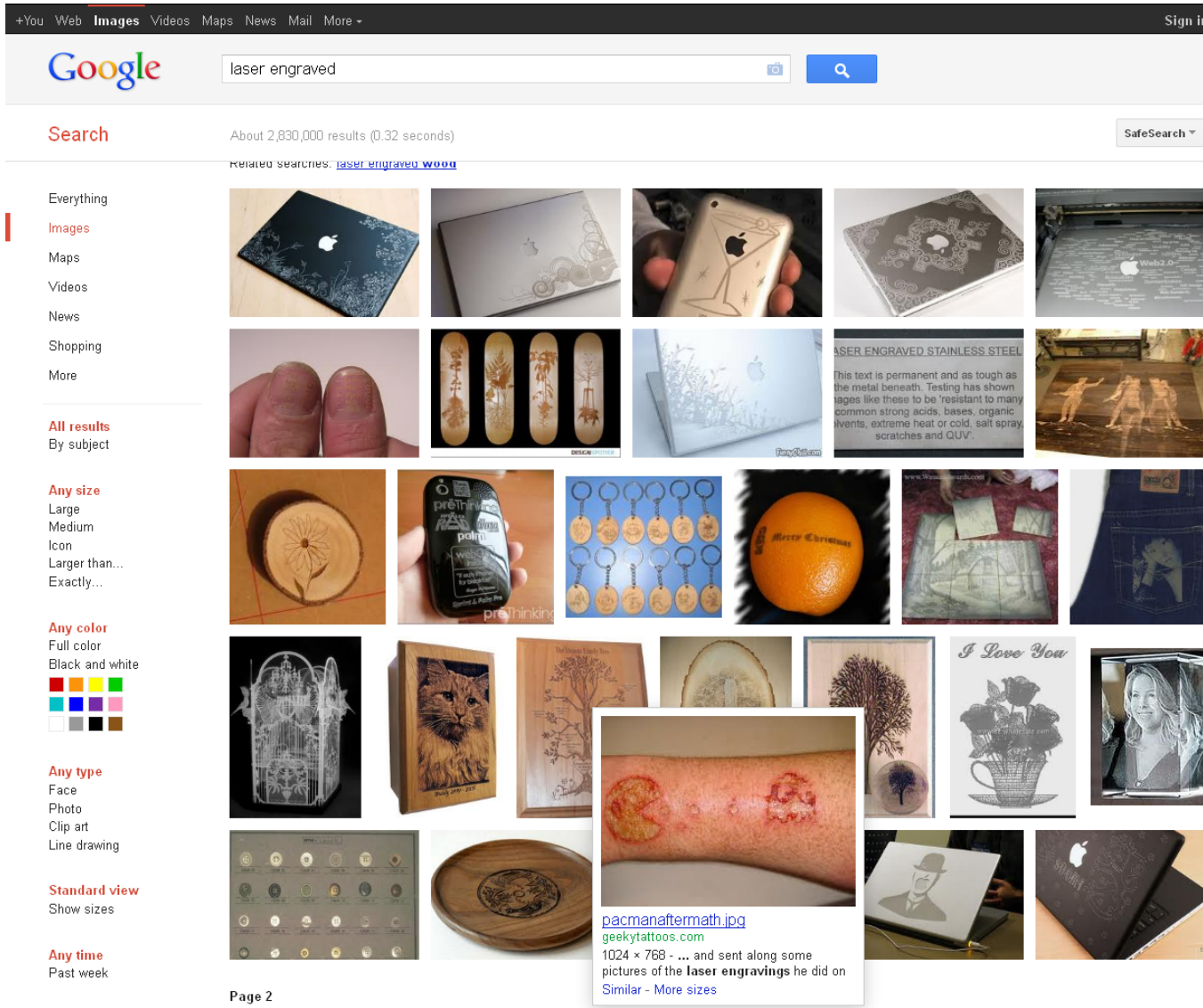
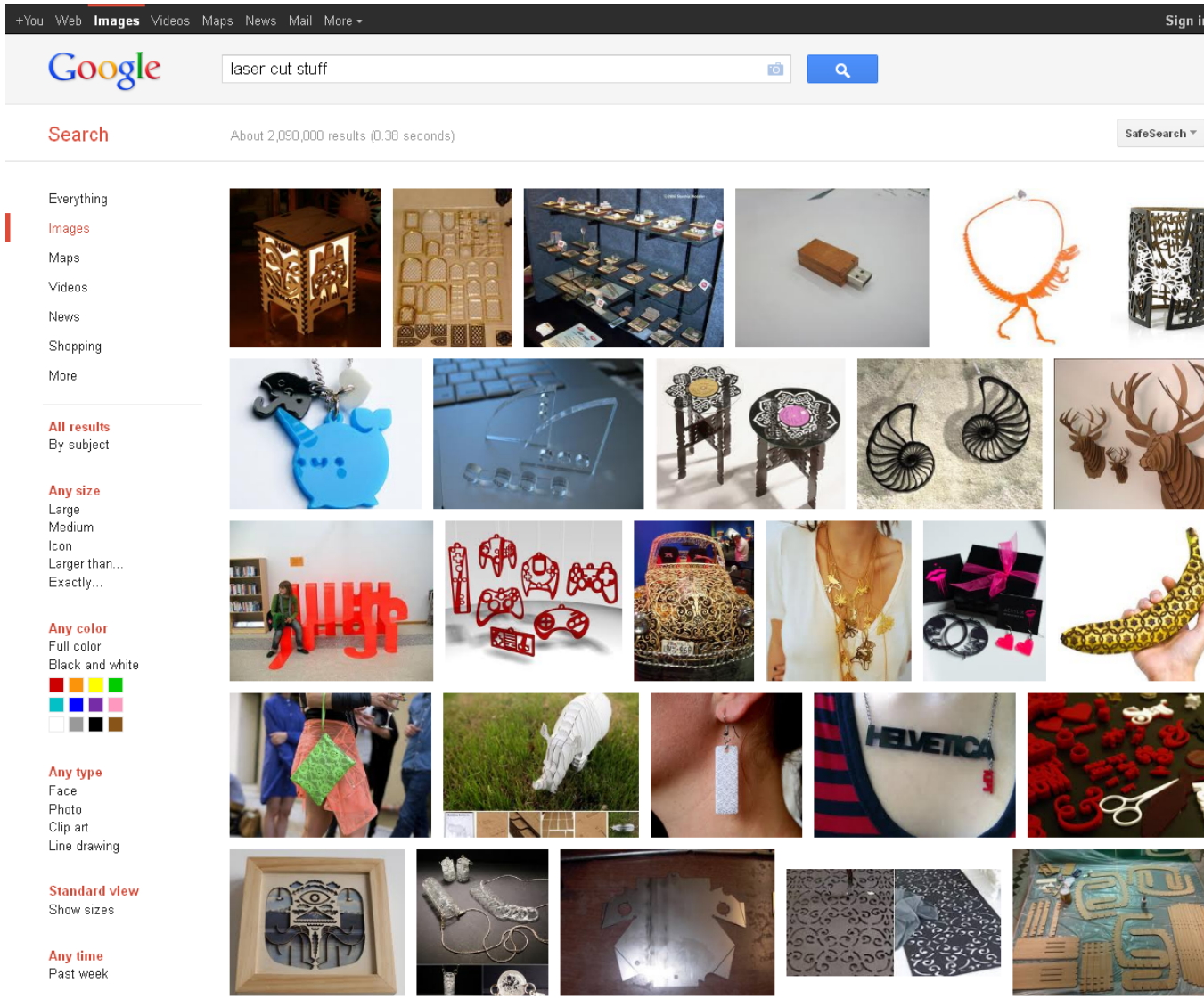
how engraving works

- fast laser speed
- low power
- burns, vaporizes top layer



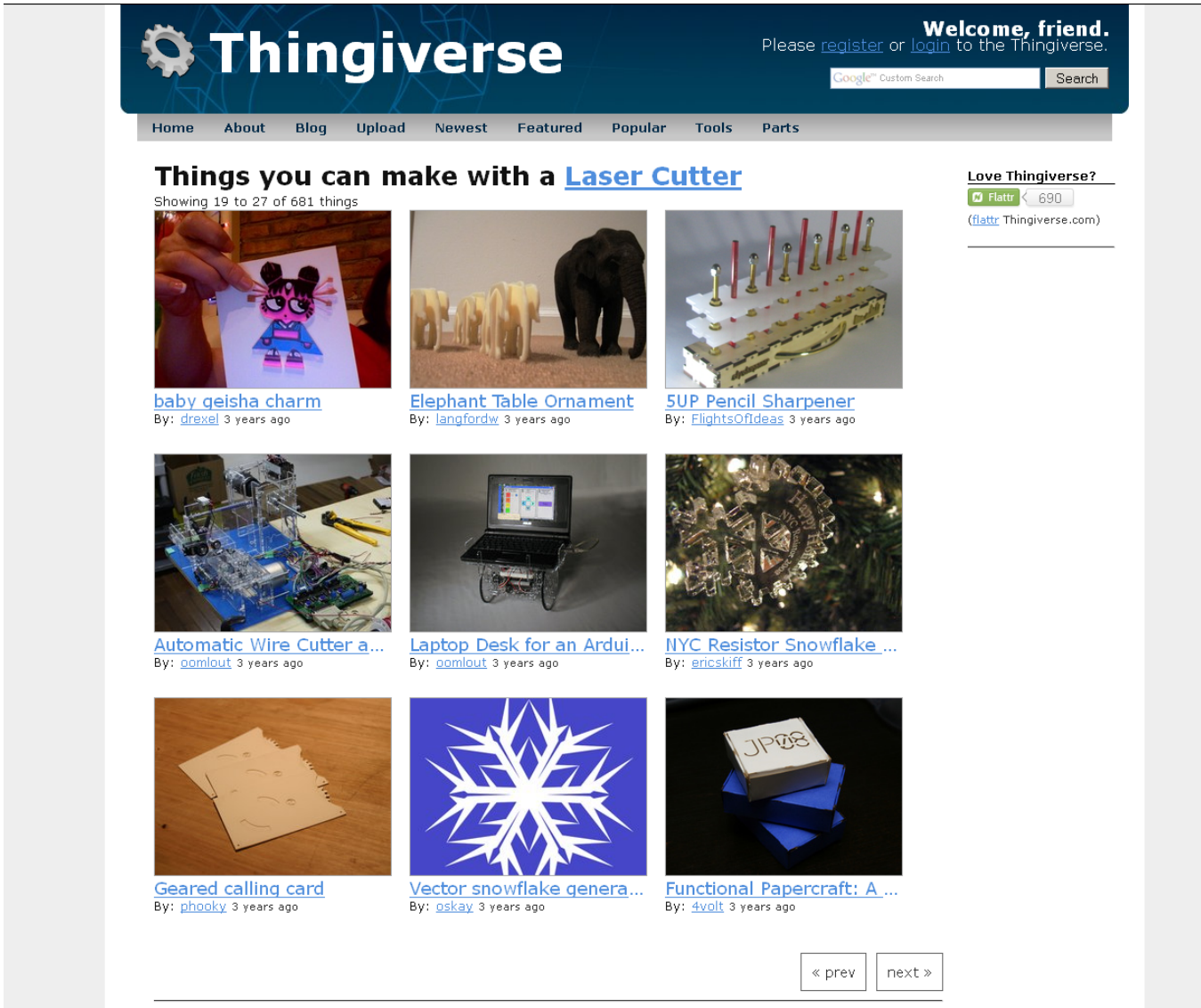
how cutting works

- slow laser speed
- high power
- burns, vaporizes 0.6cm



Thingiverse

- by bre pettis et al
- find free templates
- also for 3D printers, lathes, plasma cutters, ...



EPICNESS AHEAD