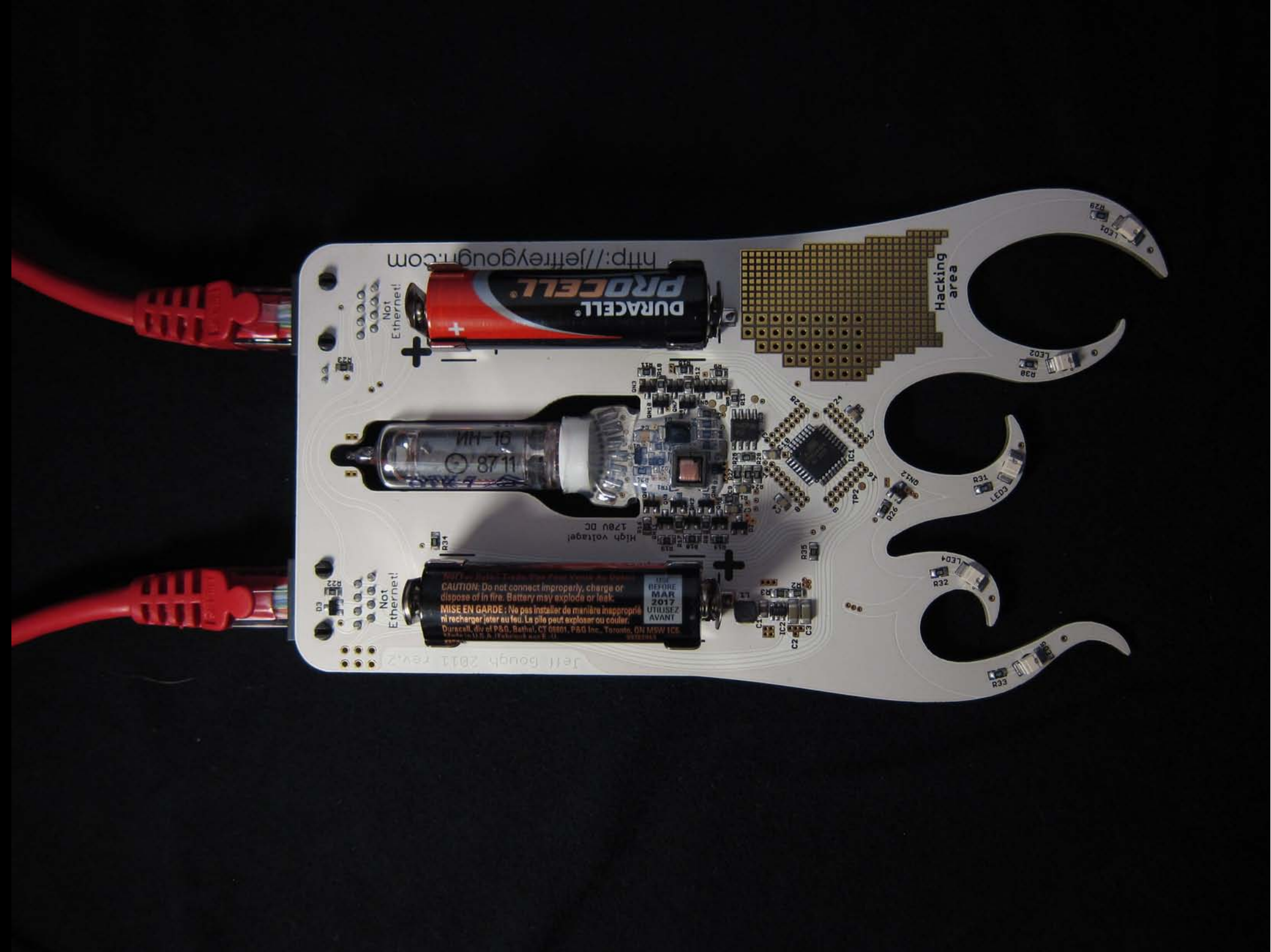


# Hacking and Craft

Jeff Gough



http://jeffreygougn.com

Not Ethernet!

**DURACELL**

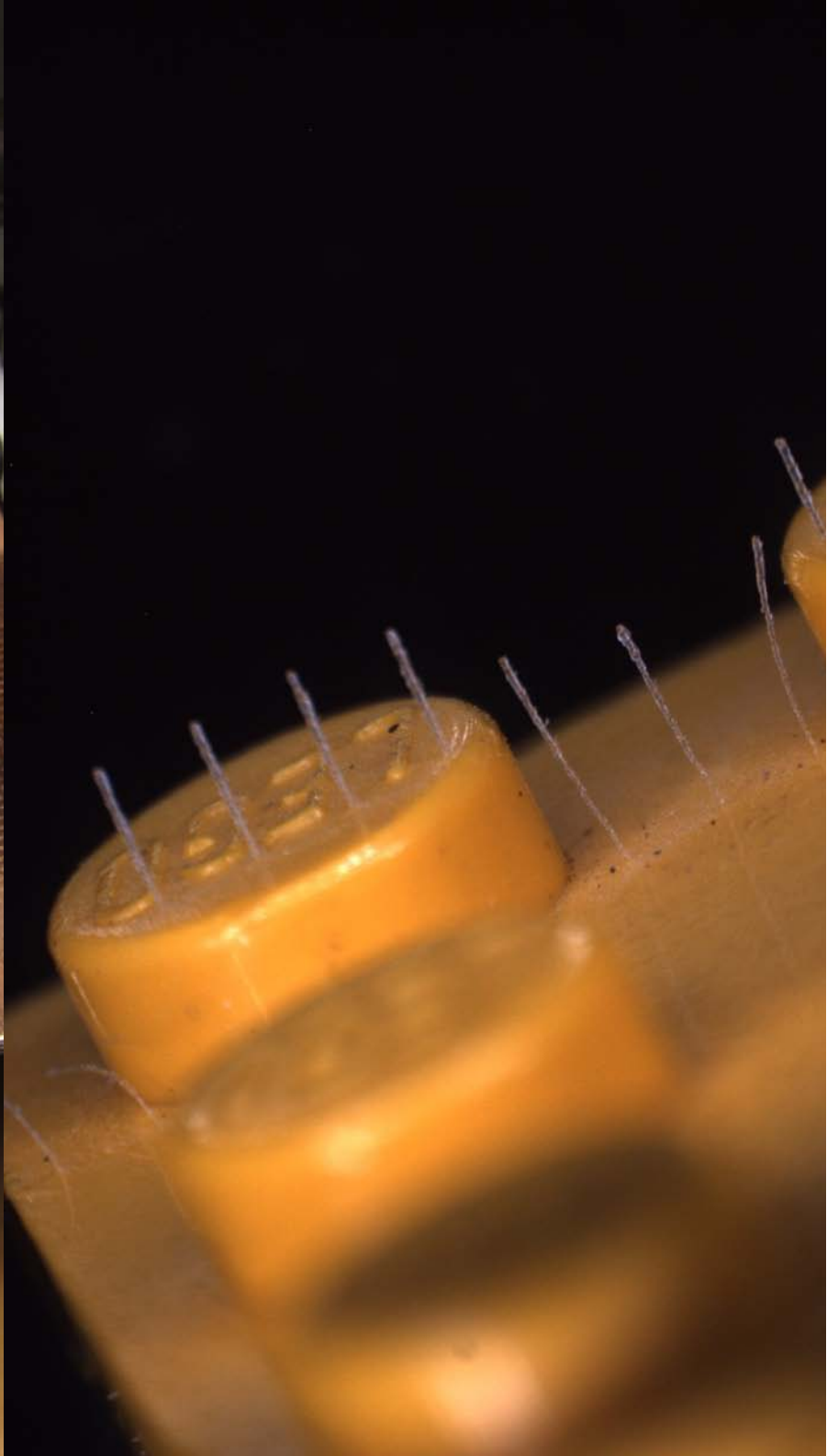
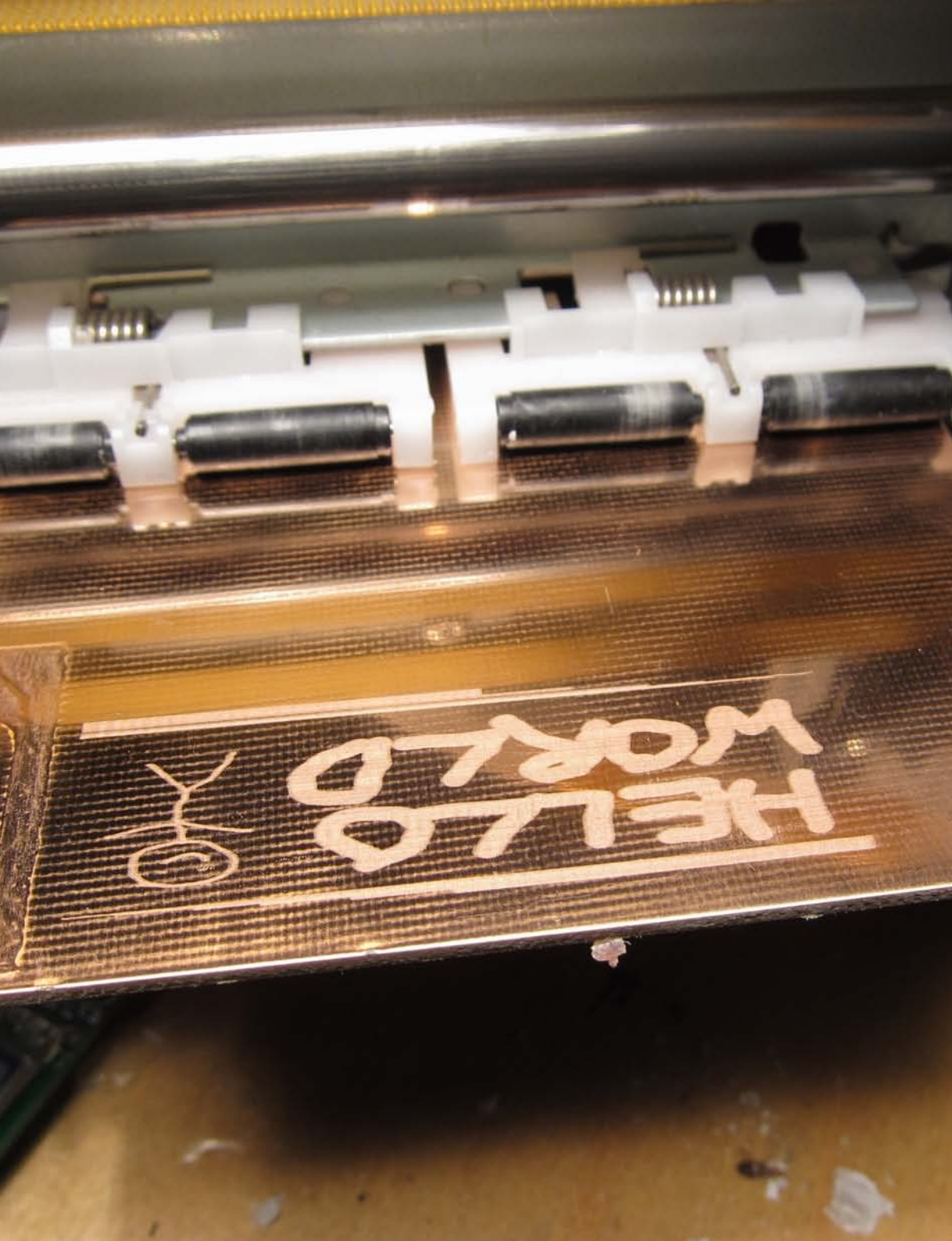
Not Ethernet!

**DURACELL**  
CAUTION: Do not connect improperly, charge or dispose of in fire. Battery may explode or leak.  
MISE EN GARDE: Ne pas installer de manière inappropriée ni recharger, jeter au feu. Le pile peut exploser ou couler.  
Duracell, div of P&G, Bathel, CT 06801, P&G Inc., Toronto, ON M9W 1C6.  
BEFORE MAR 2017 UTILISEZ AVANT

High voltage!  
120V DC

Hacking area

Jeff Gough 2011 rev.2





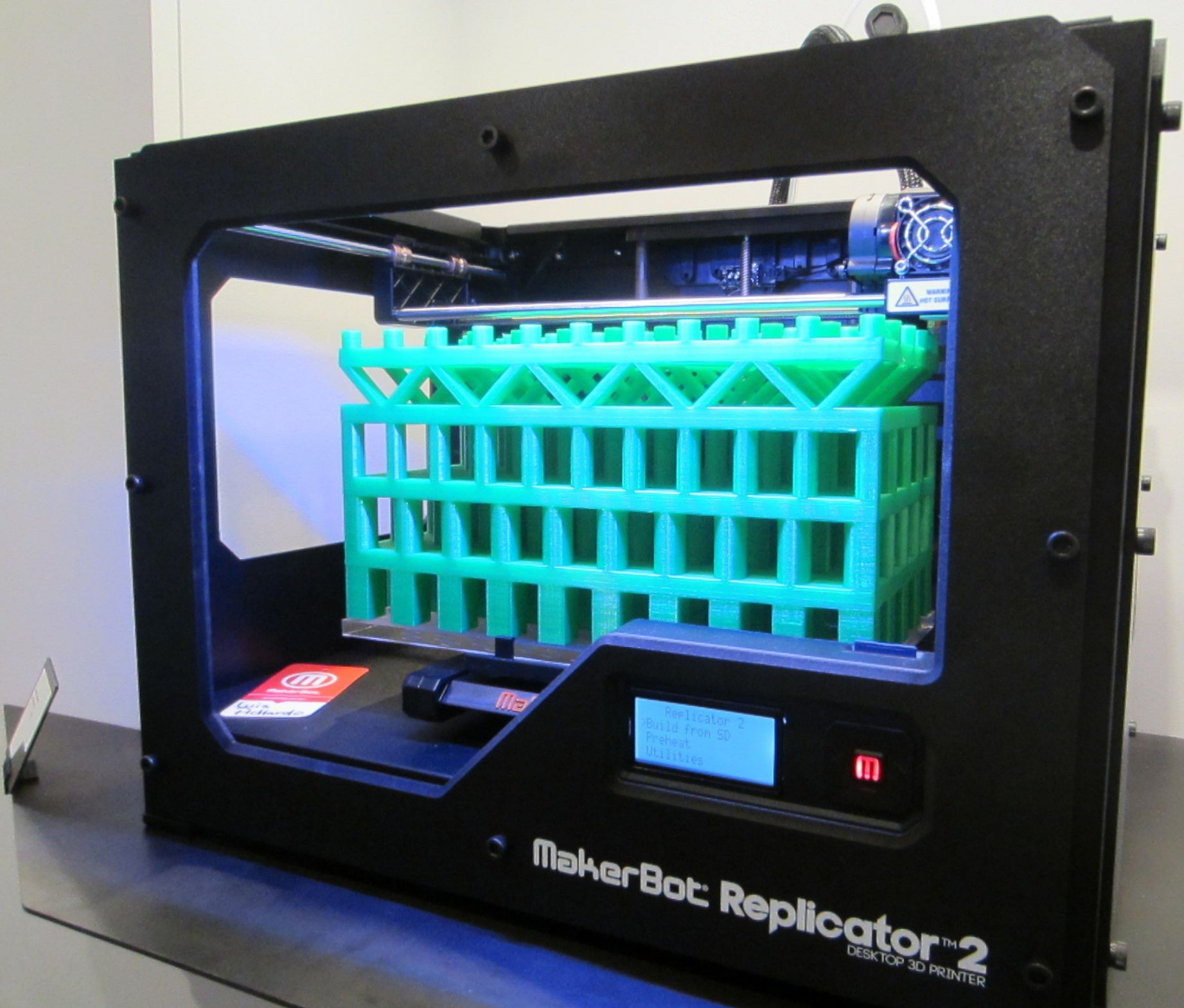






Hacking **is** craft





Replicator 2  
Build from SD  
Preheat  
Utilities

**MakerBot: Replicator™ 2**  
DESKTOP 3D PRINTER

























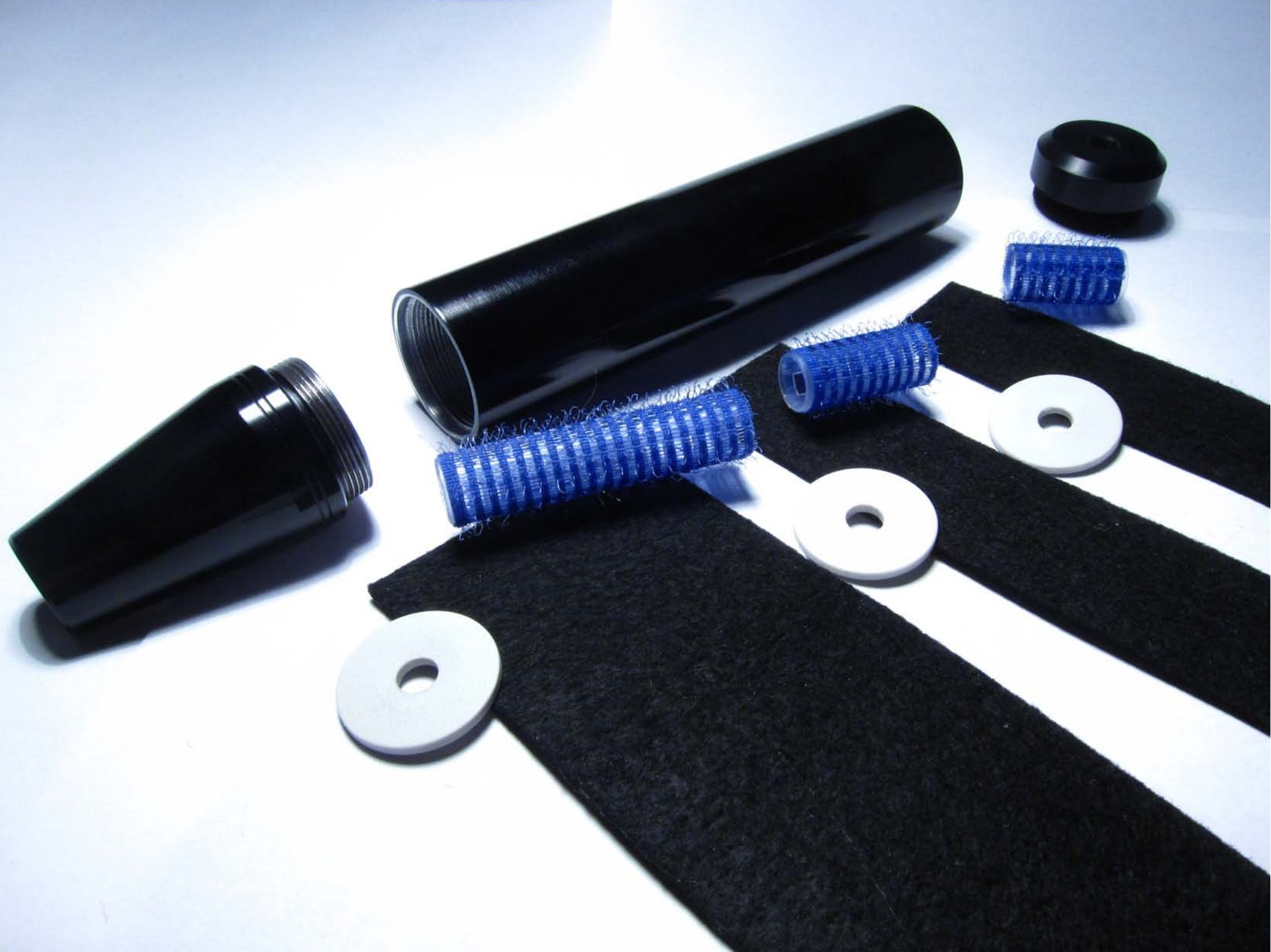








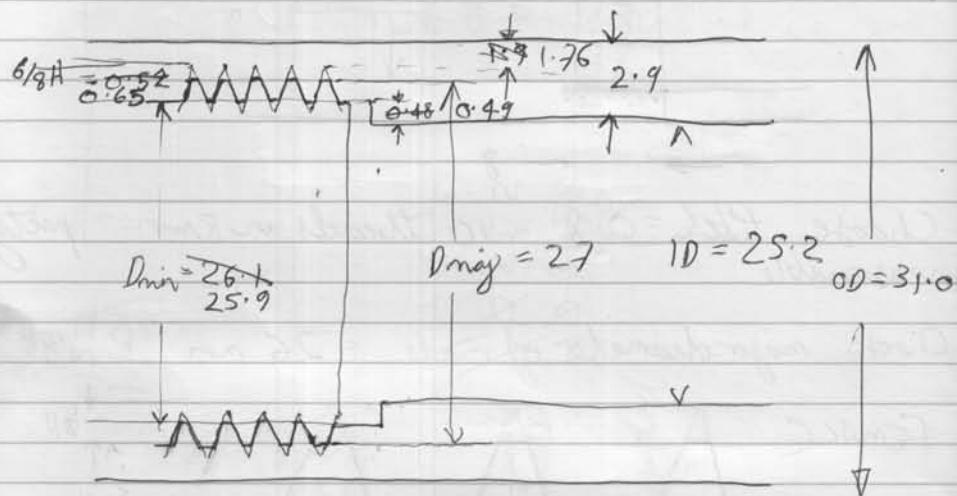




Try again,  $D_{maj} = 27$

$$D_{min} = 27 - (2 \times \frac{5}{8}H)$$

$$= 26.1$$



Think this is unnecessarily fine. We're left with  $\phi 1.9$  mm of material, which is bad, and the male thread height is only  $0.43$  mm, which is probably a bit too fine in nylon. Let's go for  $1$  mm thread pitch

$$H = 0.866P$$

$$H = 0.866$$

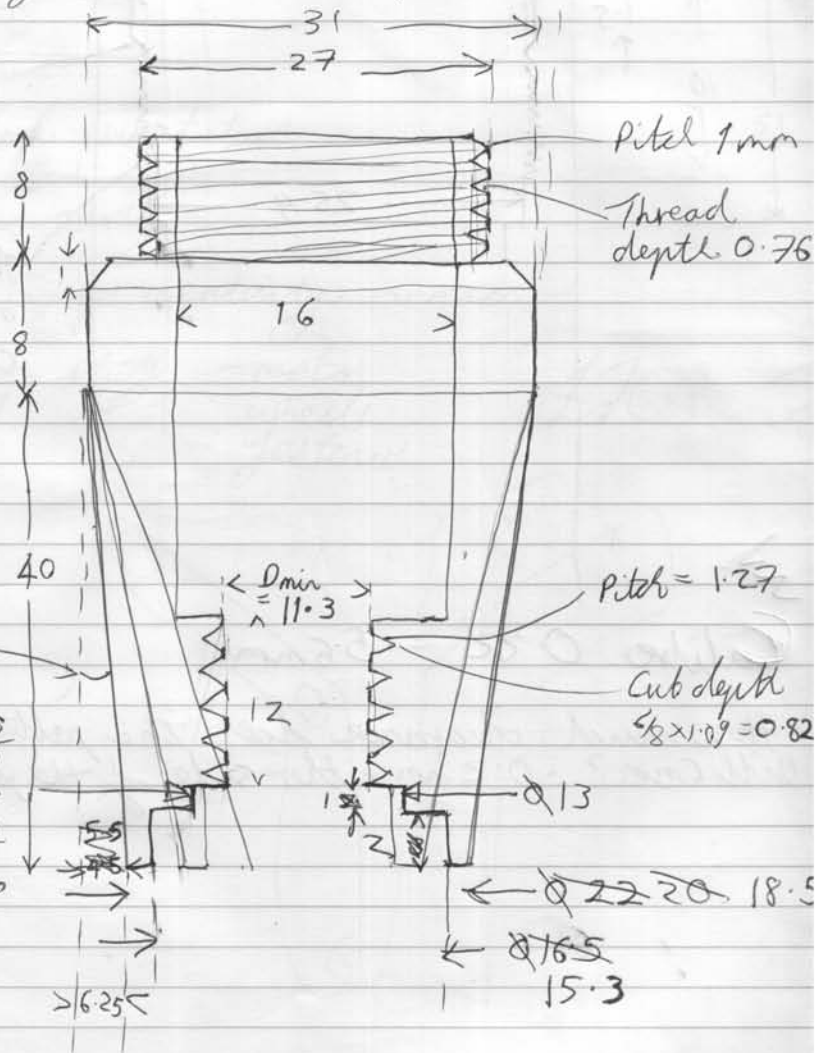
$$D_{min} = 27 - (2 \times \frac{5}{8} \times 0.866)$$

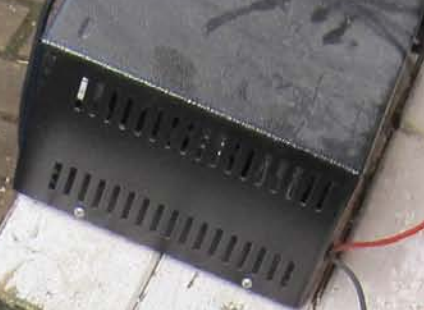
$$= 25.9$$

Ok, let's use this,  $1$  mm pitch,  $D_{maj} = 27$

- Turn male down to  $27$  and cut in  $\frac{7}{8}H = 0.76$
- Turn female out to  $25.9$  and cut out  $\frac{6}{8}H = 0.65$

Step 1: manufacture the muzzle piece.

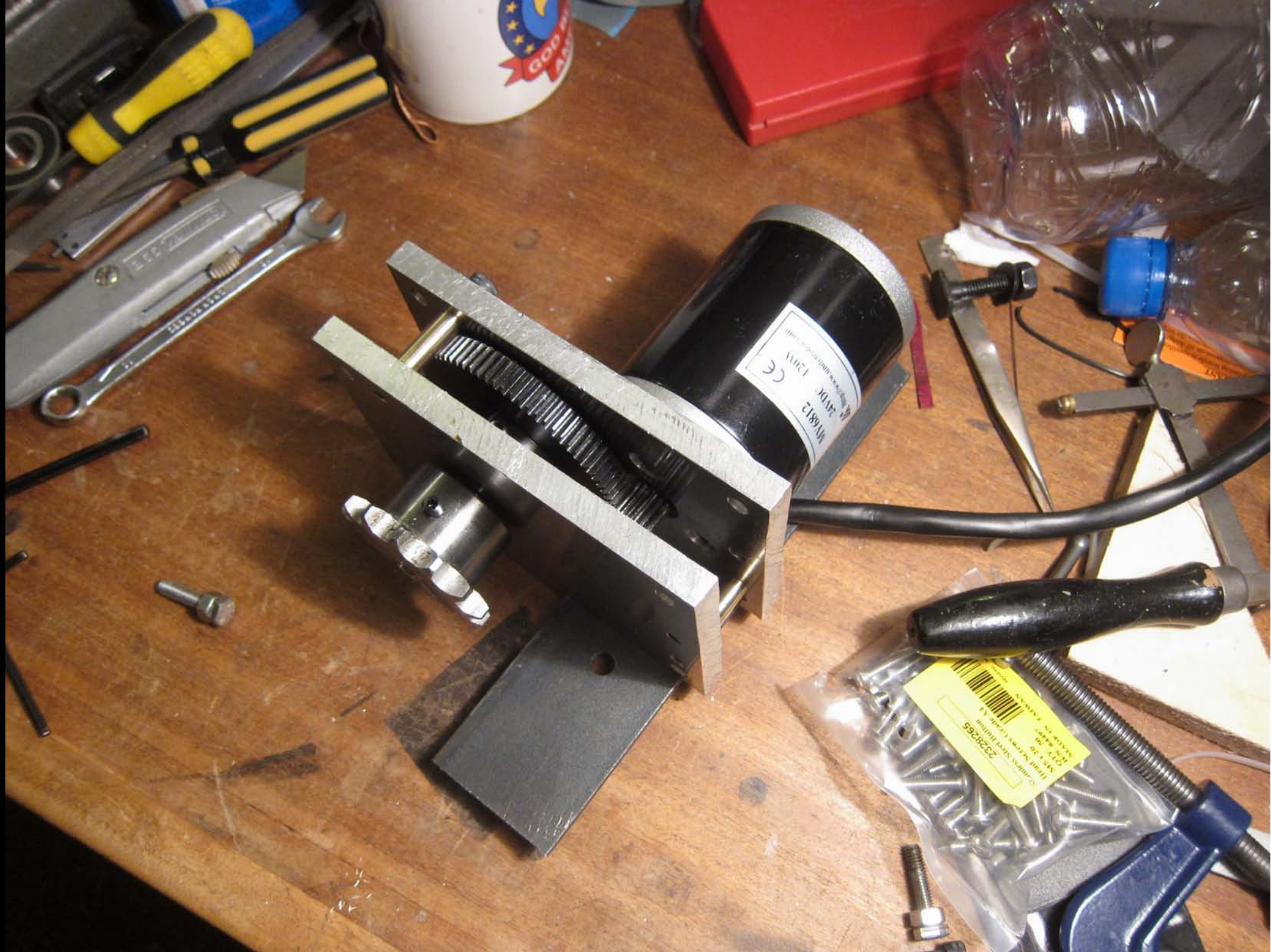








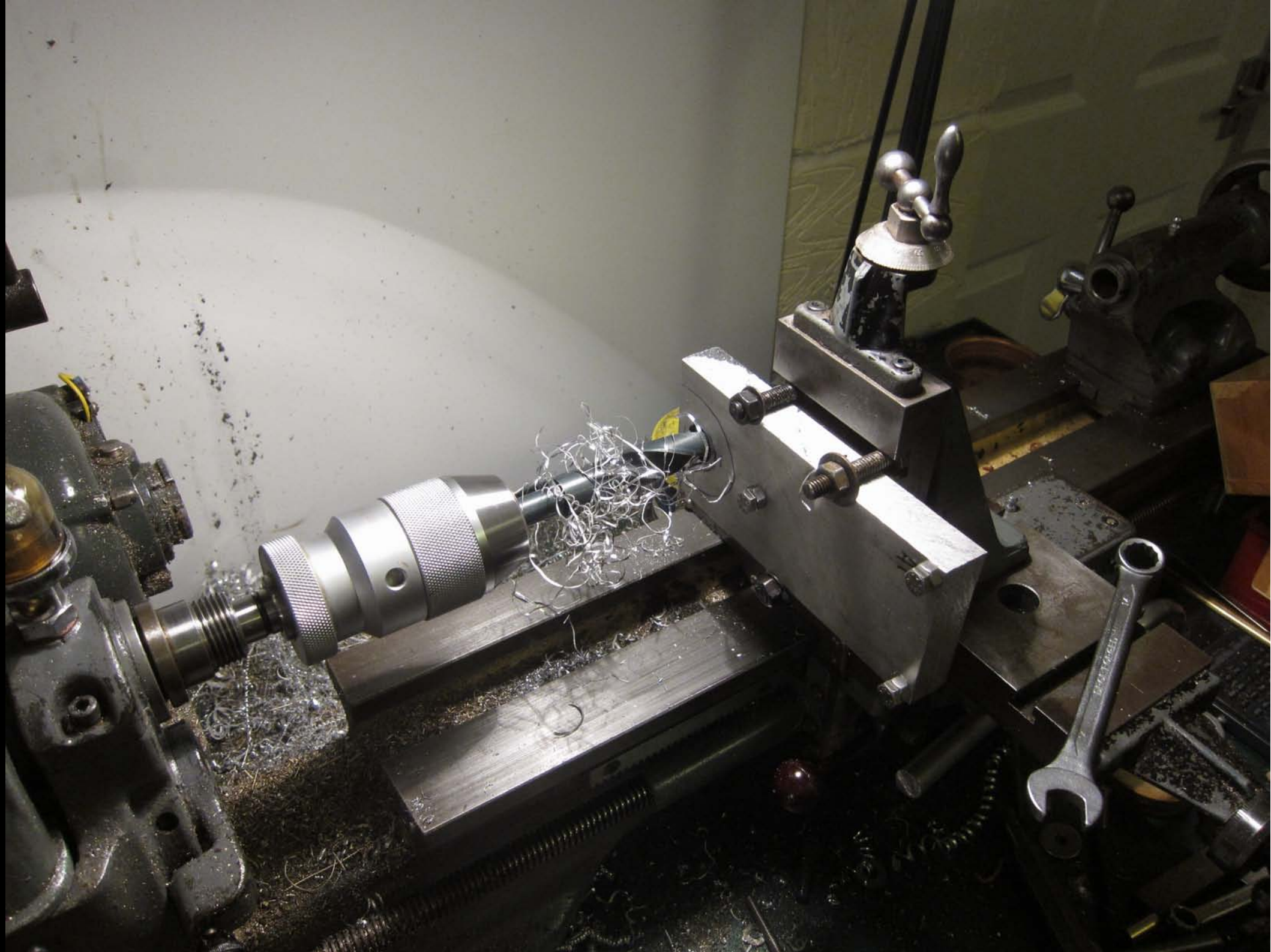




M16812  
24VDC 1.5A  
CE

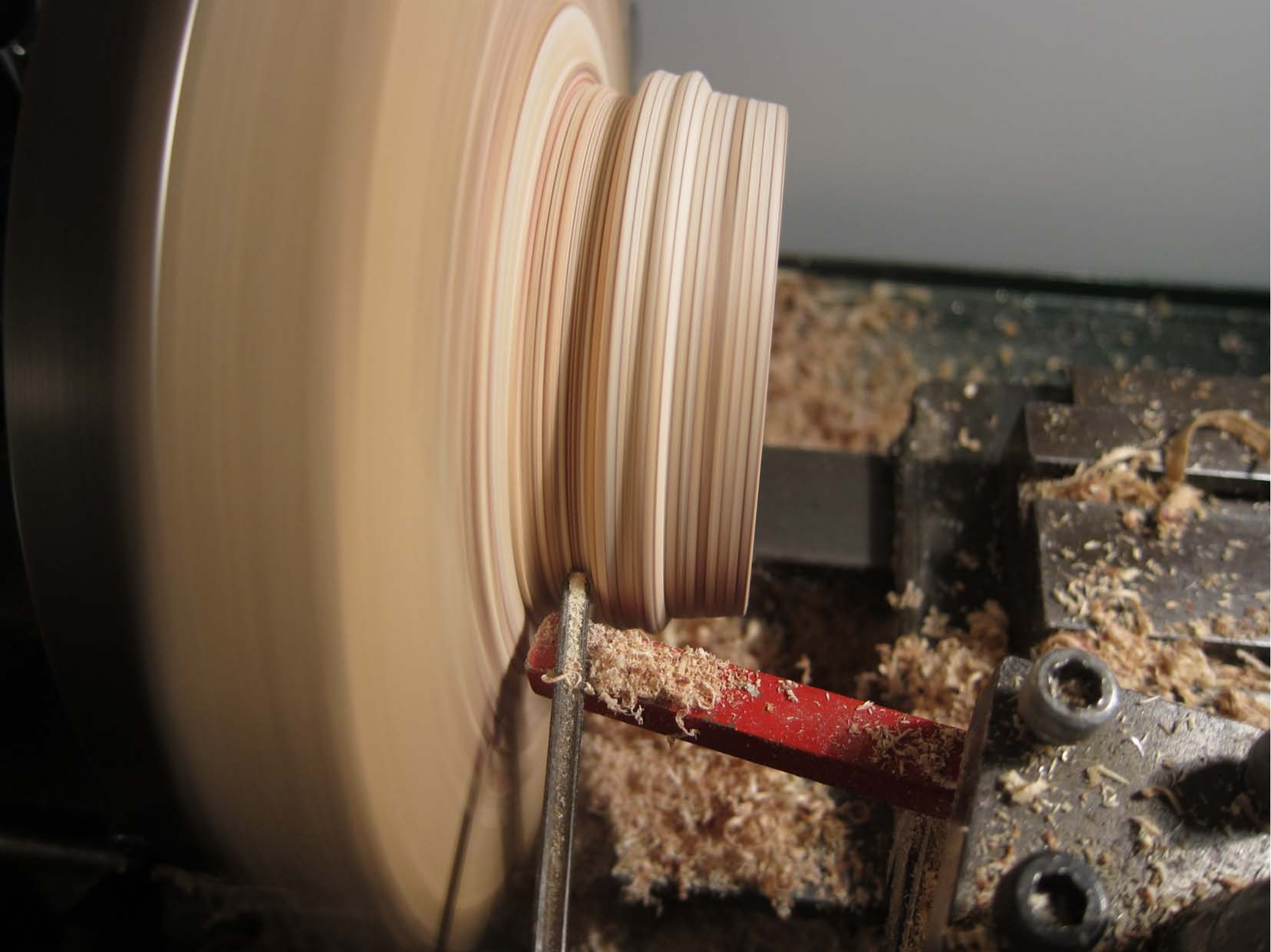
2337365  
100 x 100 x 100  
100 x 100 x 100

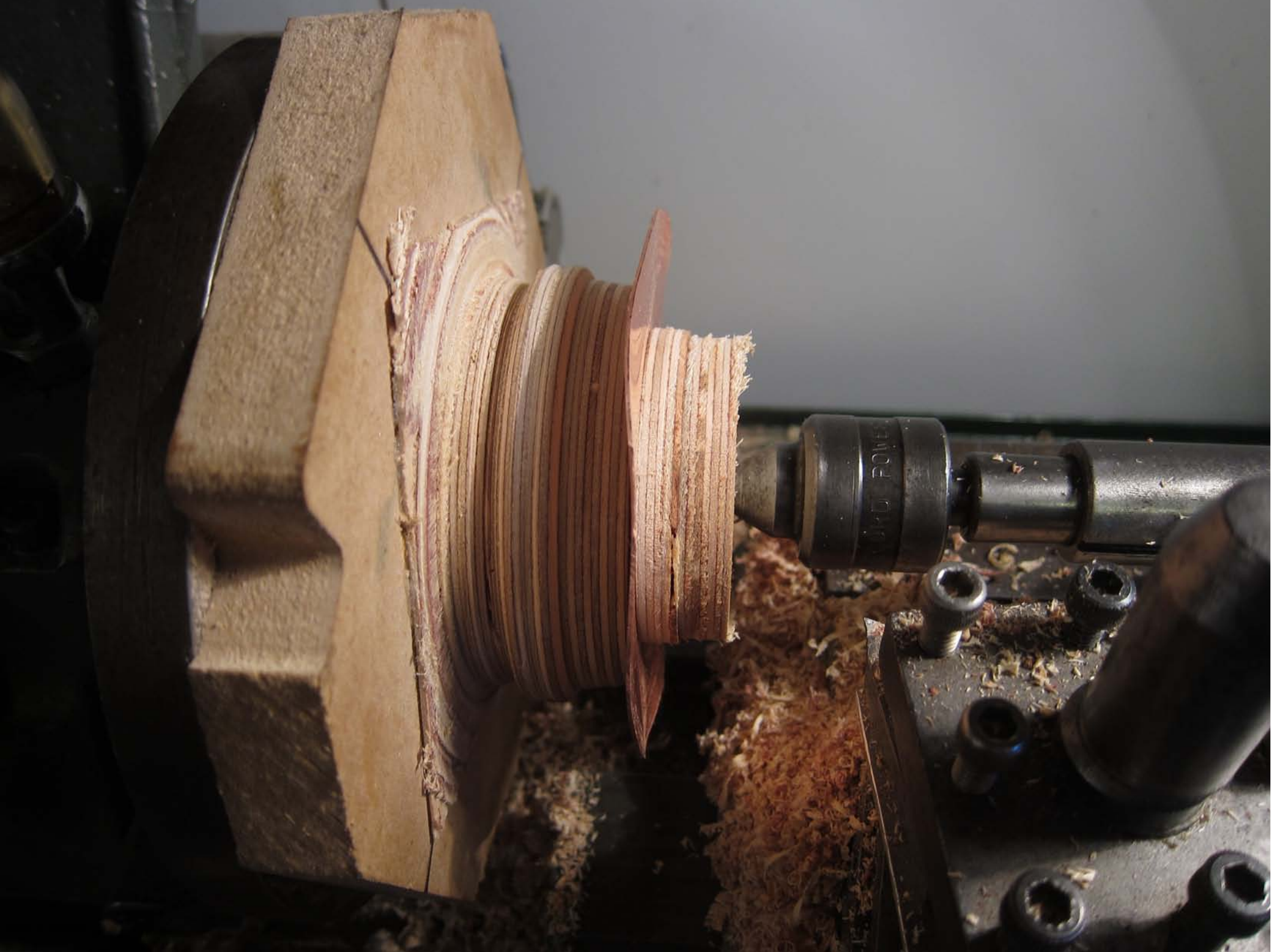
GOD

























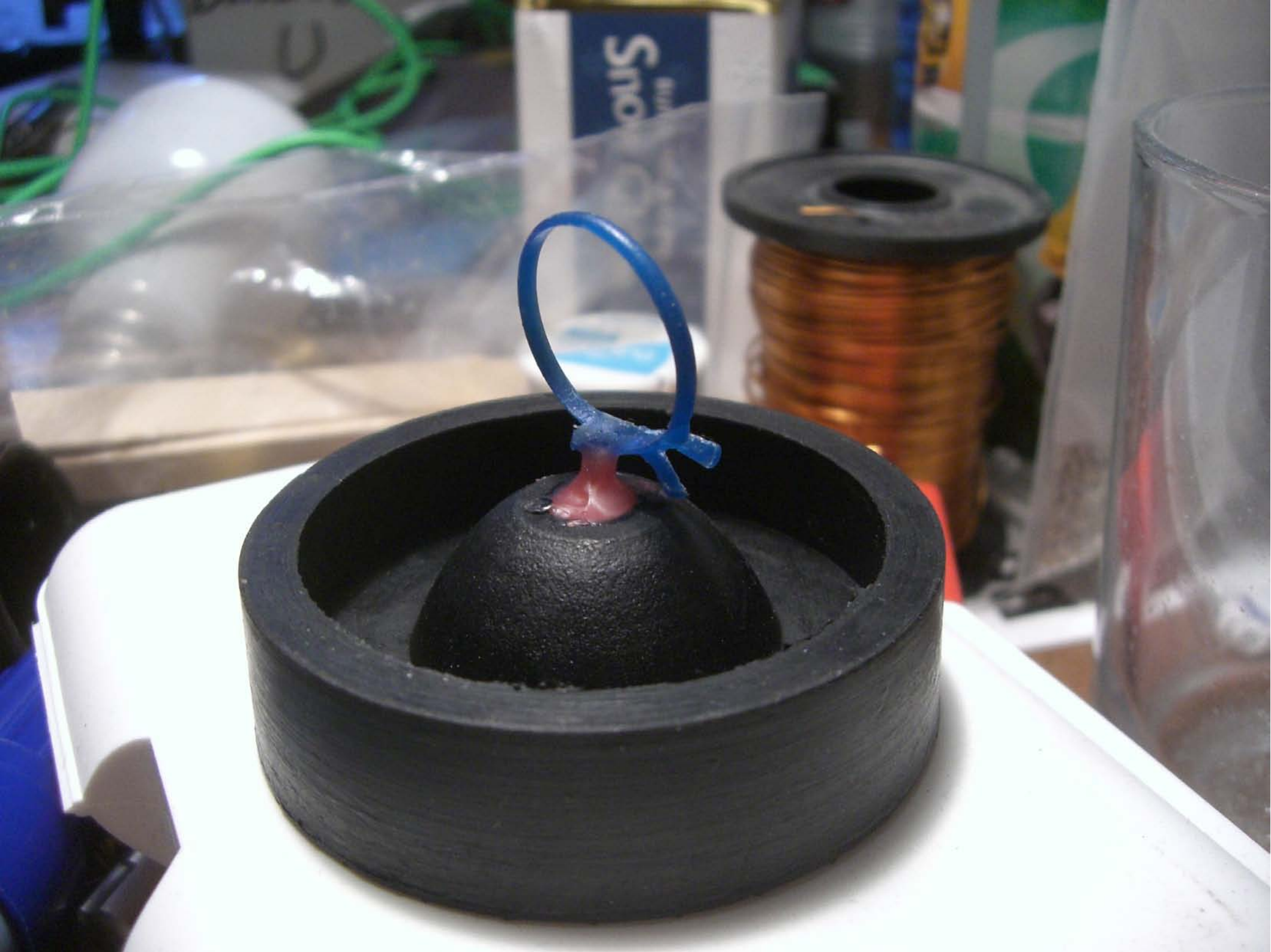




















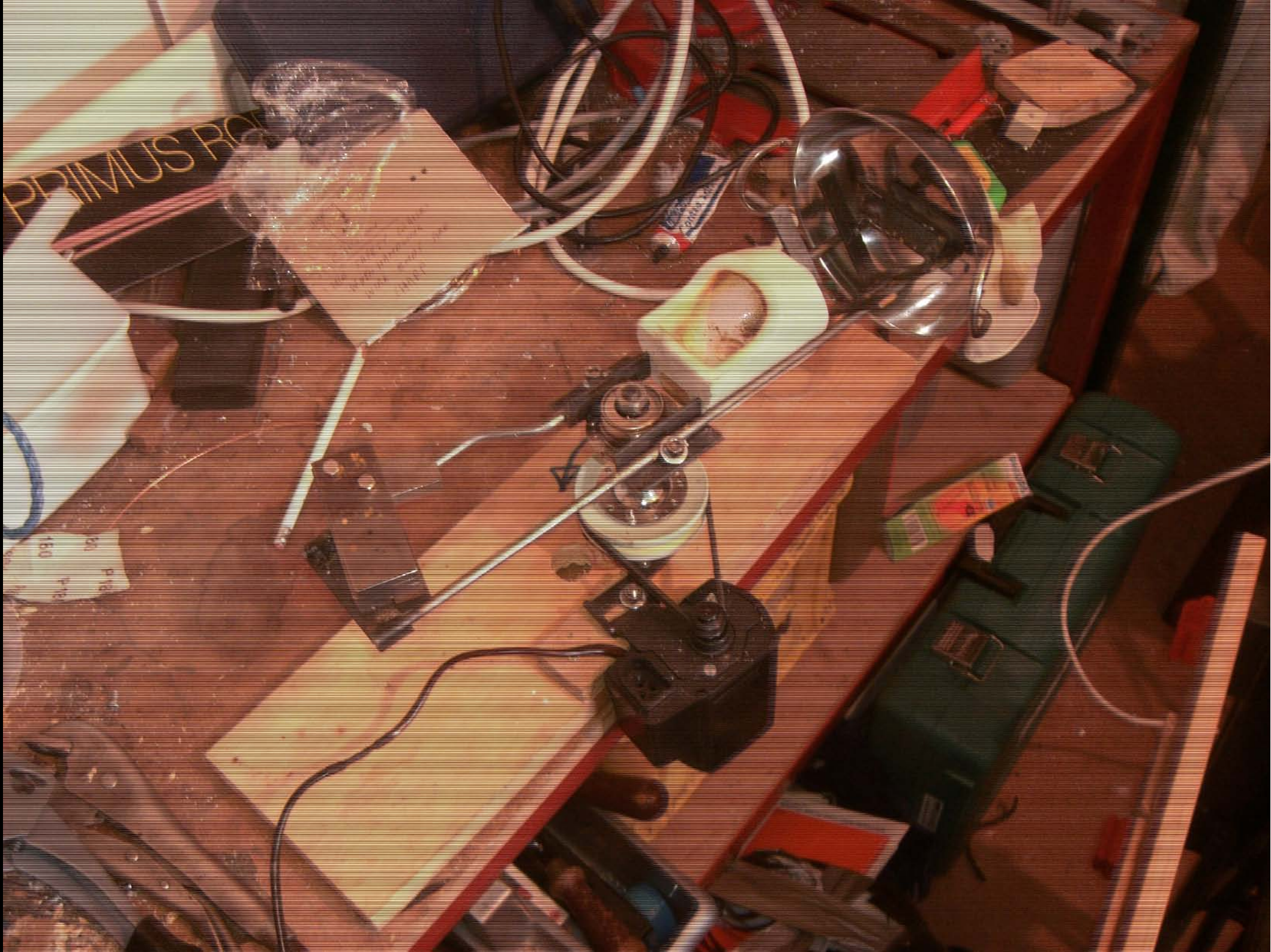


























# VIDEOSHADES proposal2

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Jeffrey Gough  
jeffreygough.com  
August 2012











• Rads

Frame hole



250

12 then 30

Back view

• Rada

Frame hole



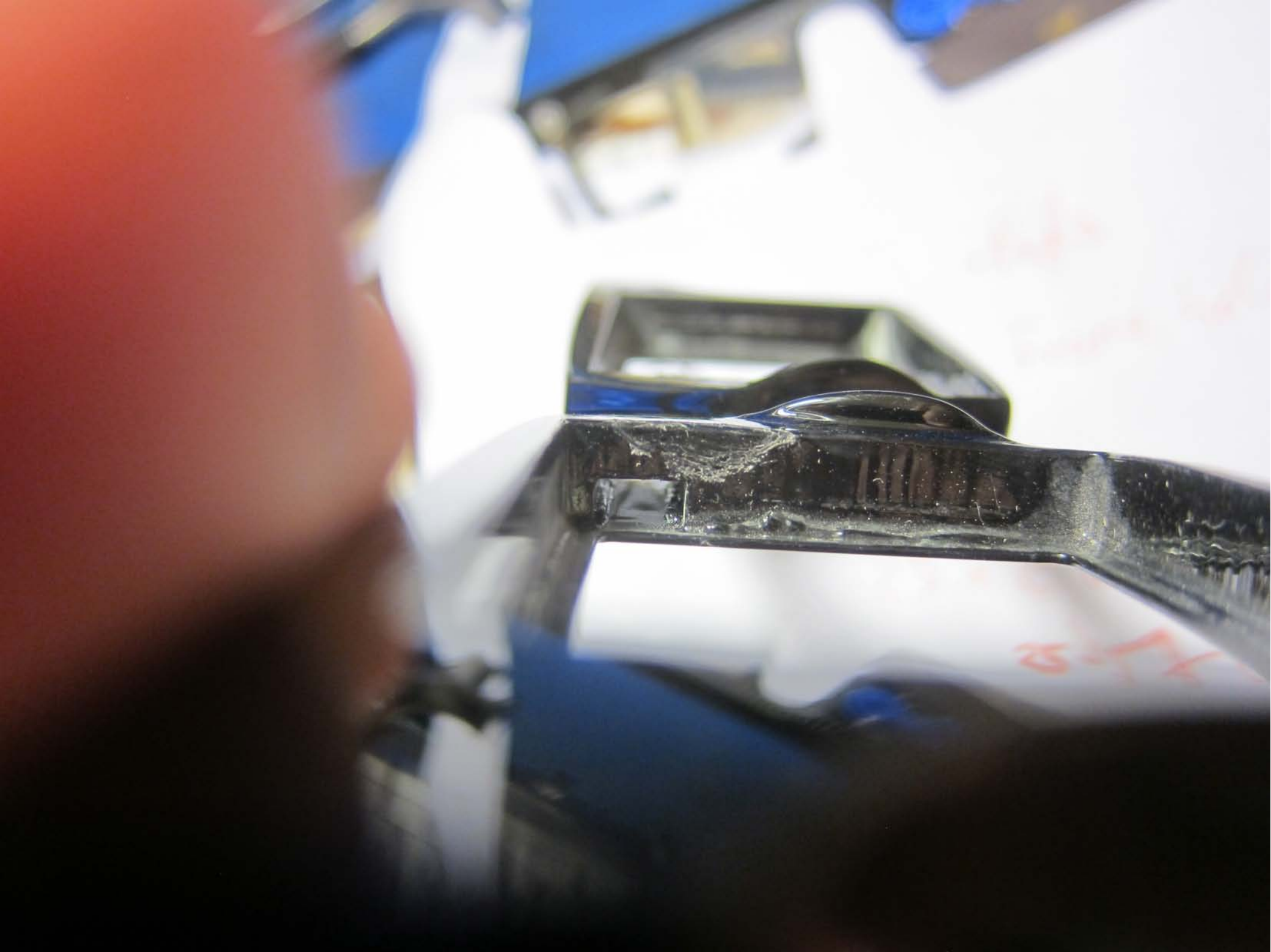
25 x 26 mm



250

12 then 30









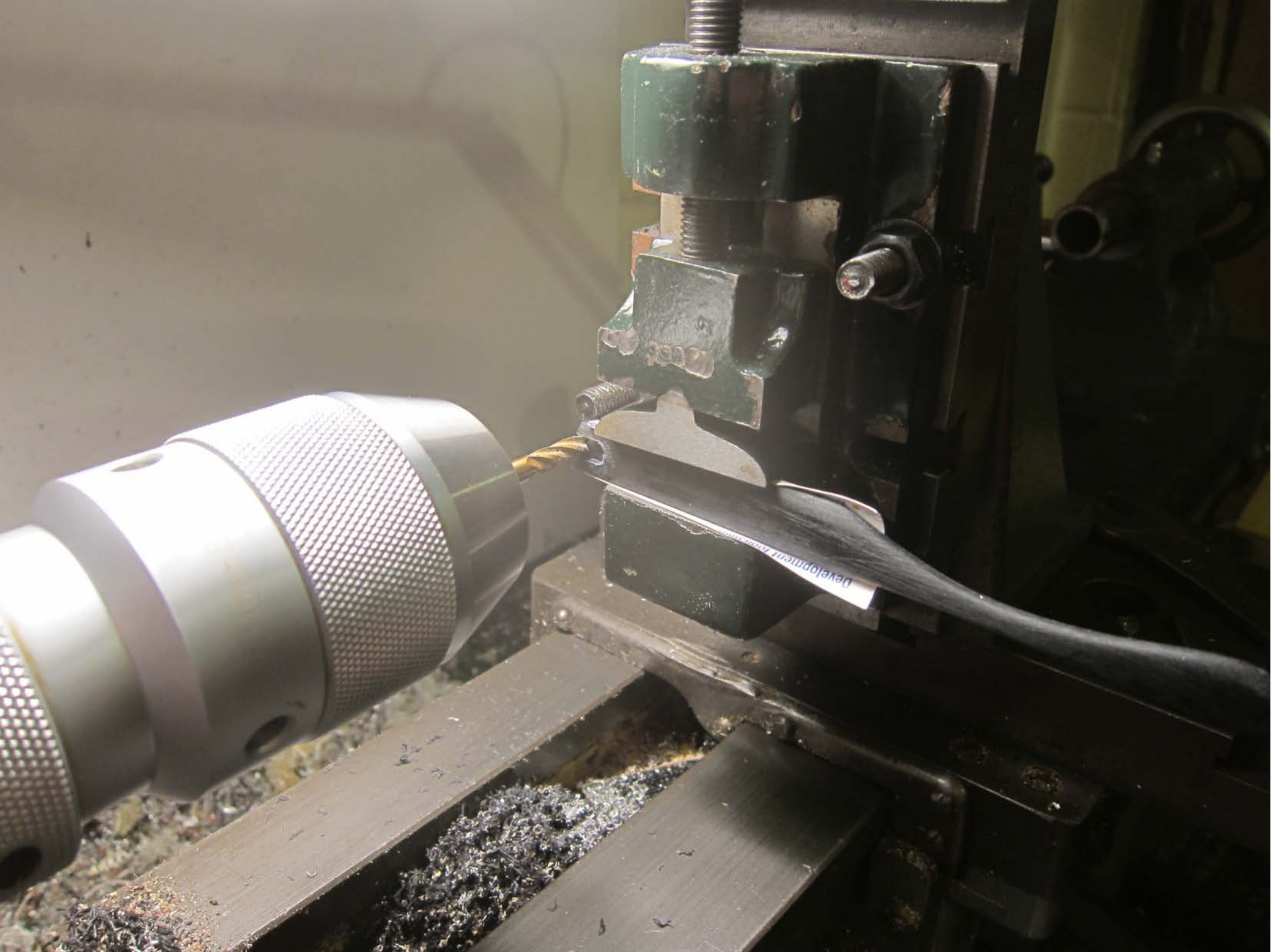




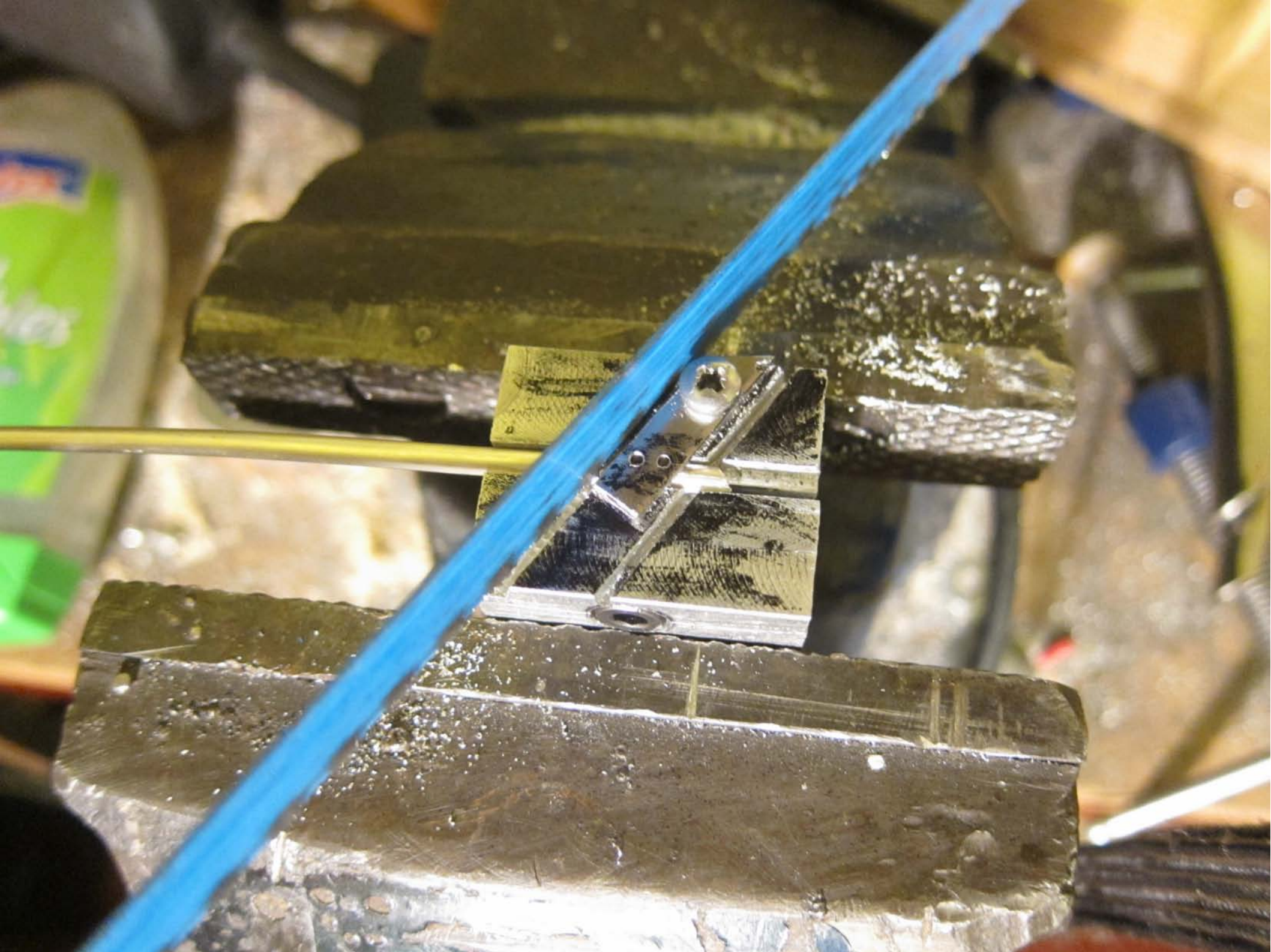


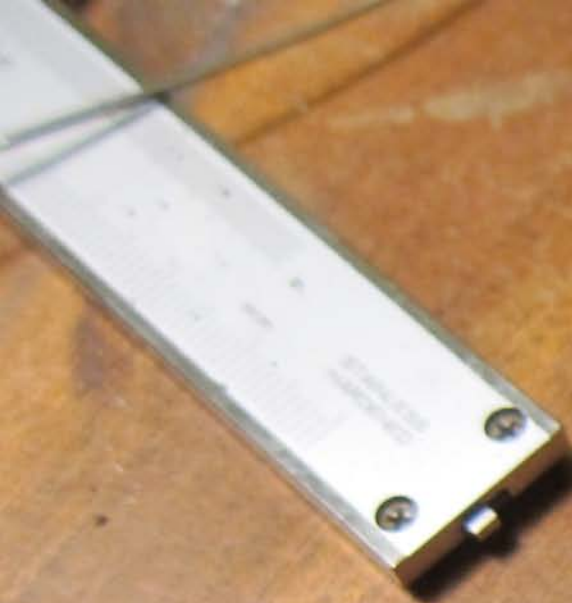








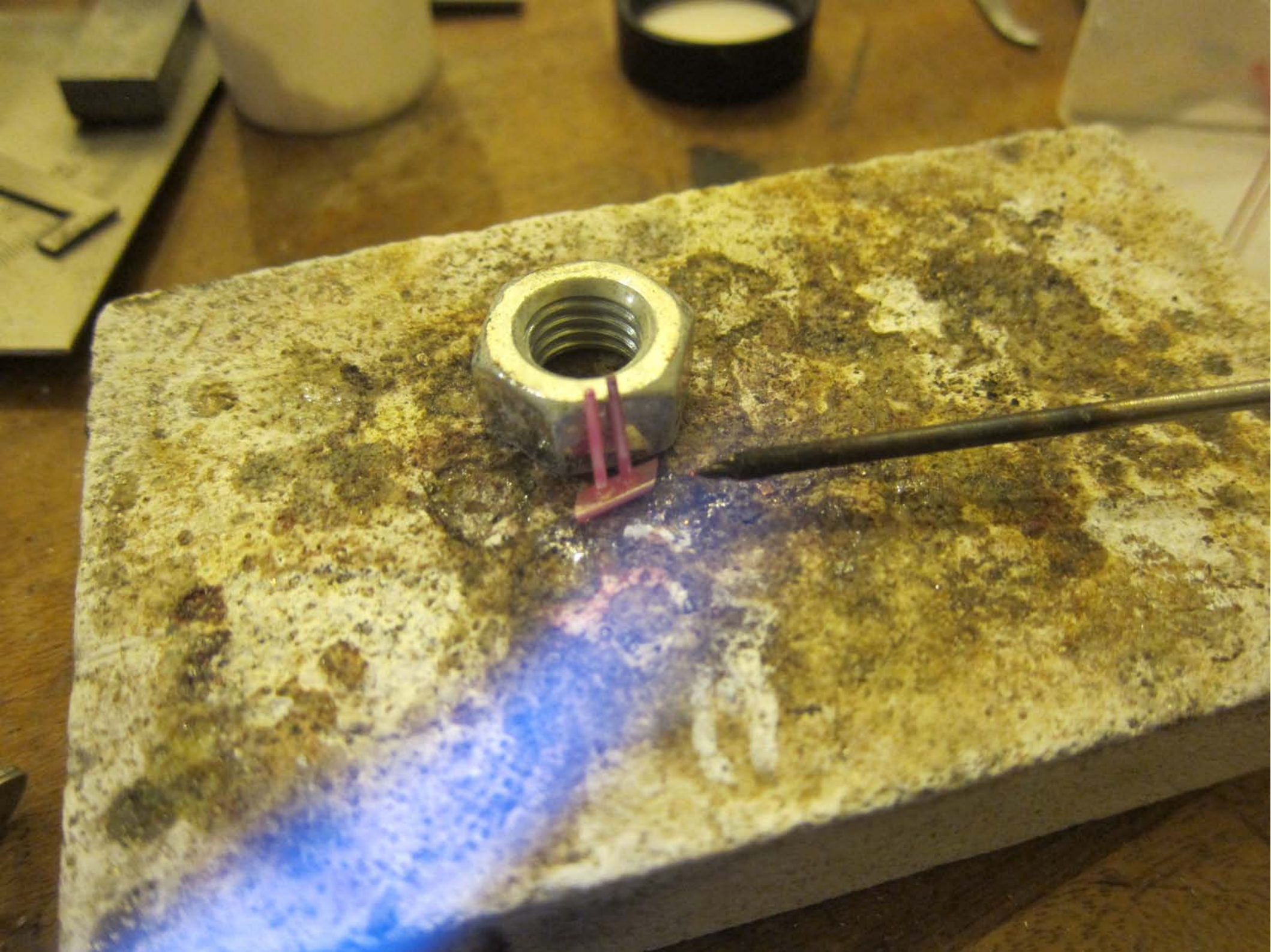




11 0122





















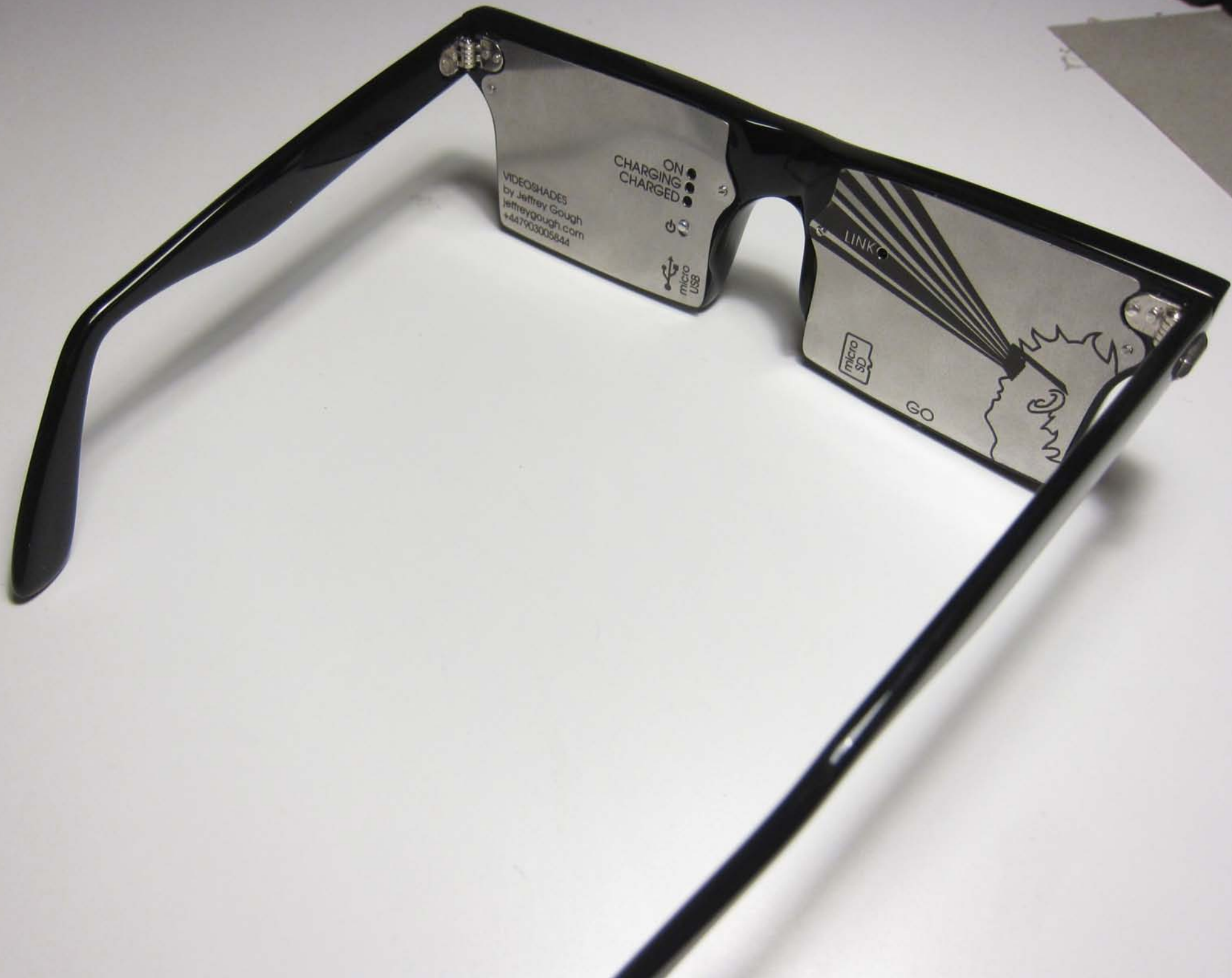
ACETO

Napoleon  
EXTRA VIRGIN  
OLIVE OIL









VIDEO8HADES  
by Jeffrey Gough  
jeffreygough.com  
+447903005644

ON  
CHARGING  
CHARGED

micro  
USB

LINK

micro  
SD

GO



VIDEOSHADES  
by Jeffrey Gough  
jeffreygough.com  
+447903005844

ON CHARGING CHARGED

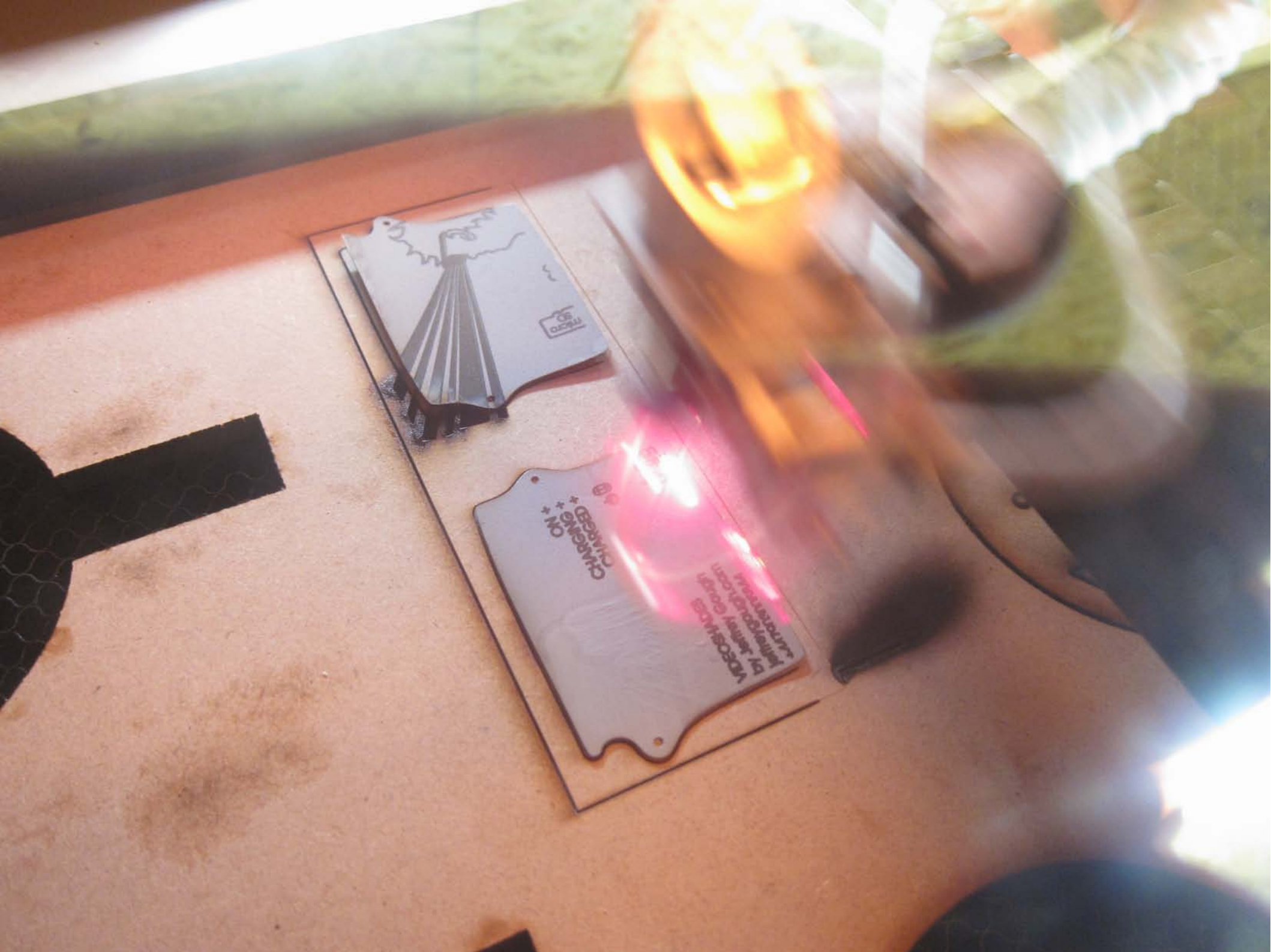


LINK



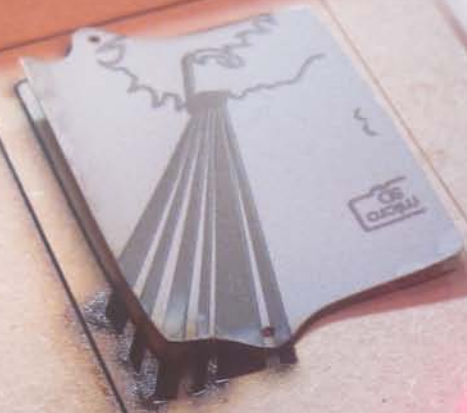






VECSHUB  
by JERRY GOVIN  
jerrygovin.com

CHARGED ON  
\* \* \* \* \*



1000



D. GREGG

BETH II





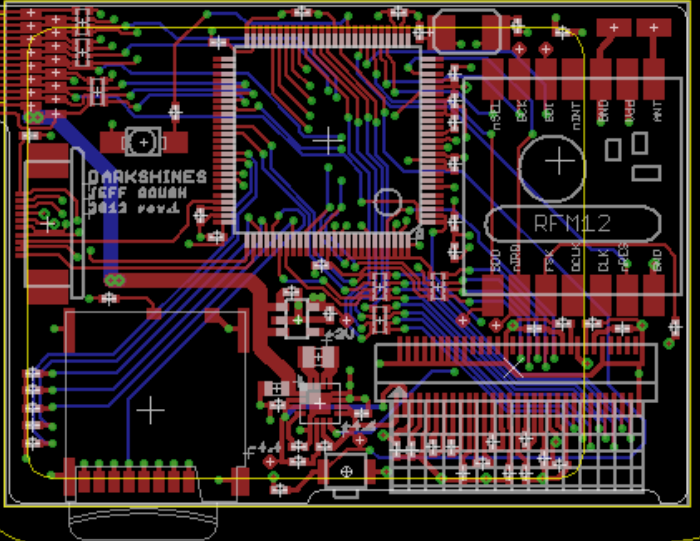
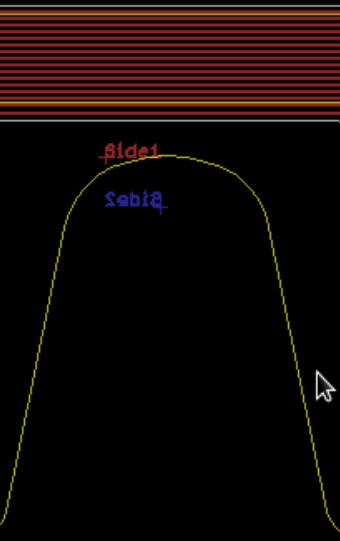
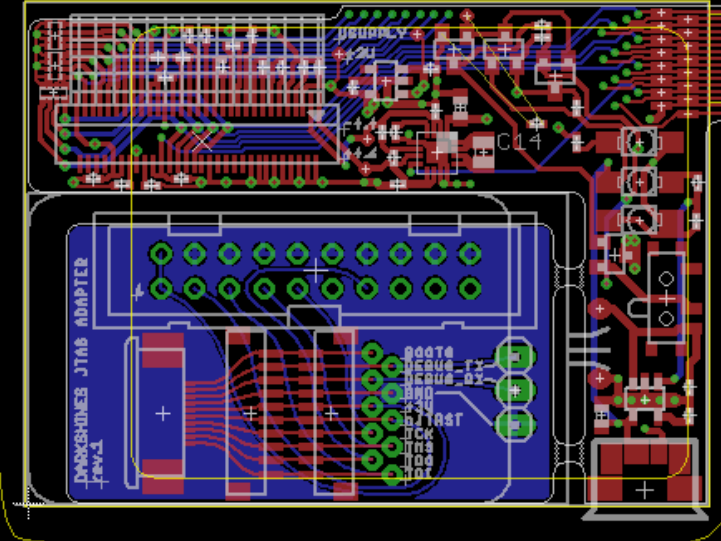






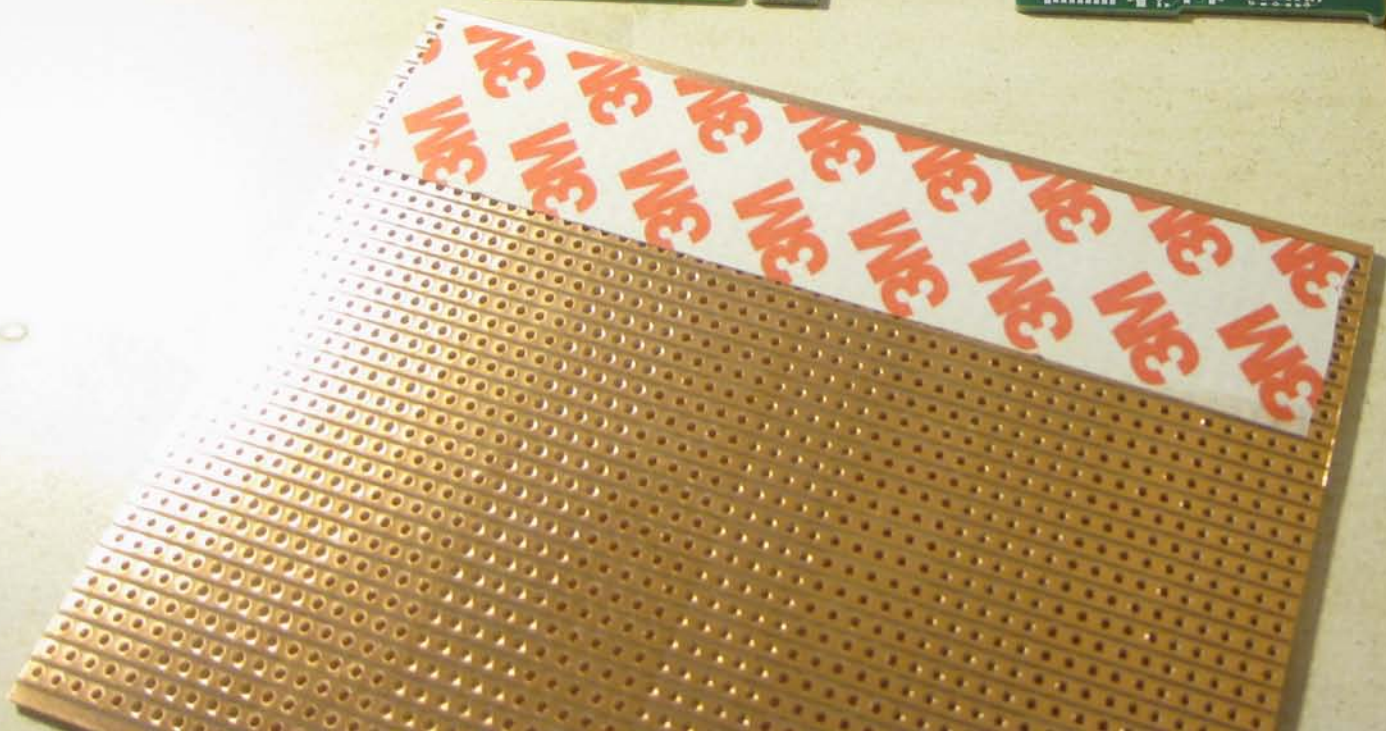
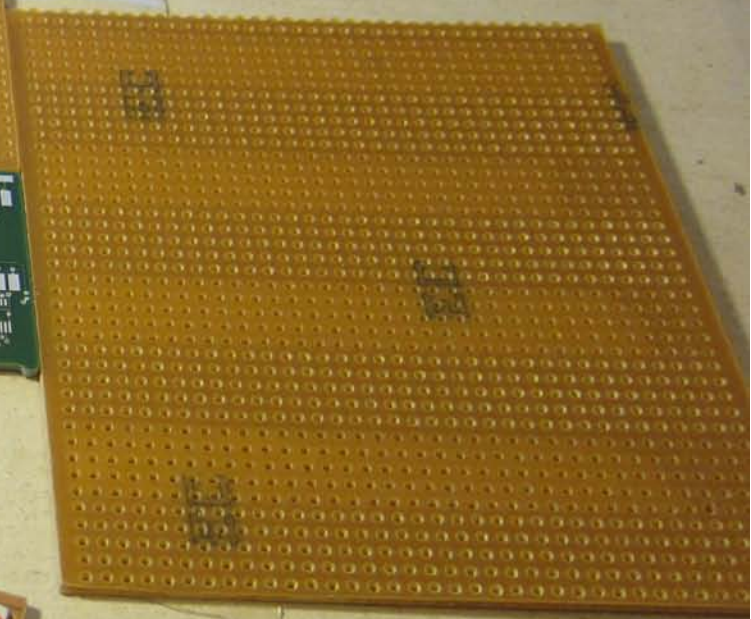
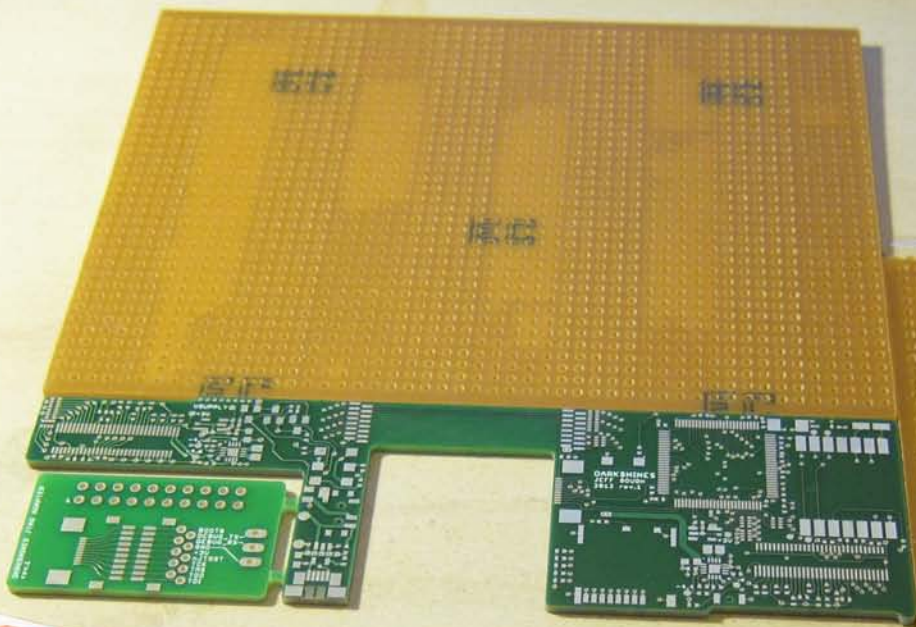






side1  
side2

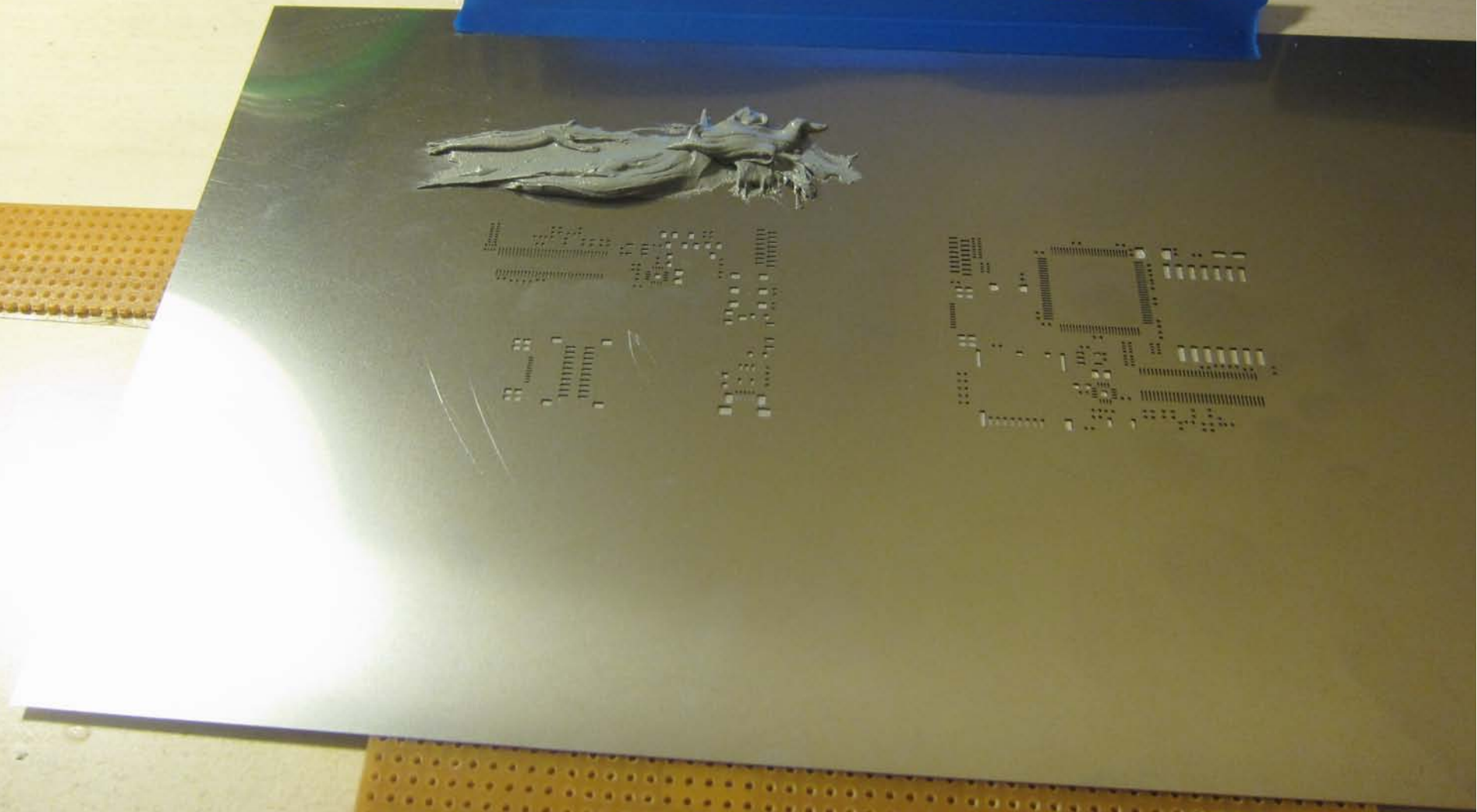


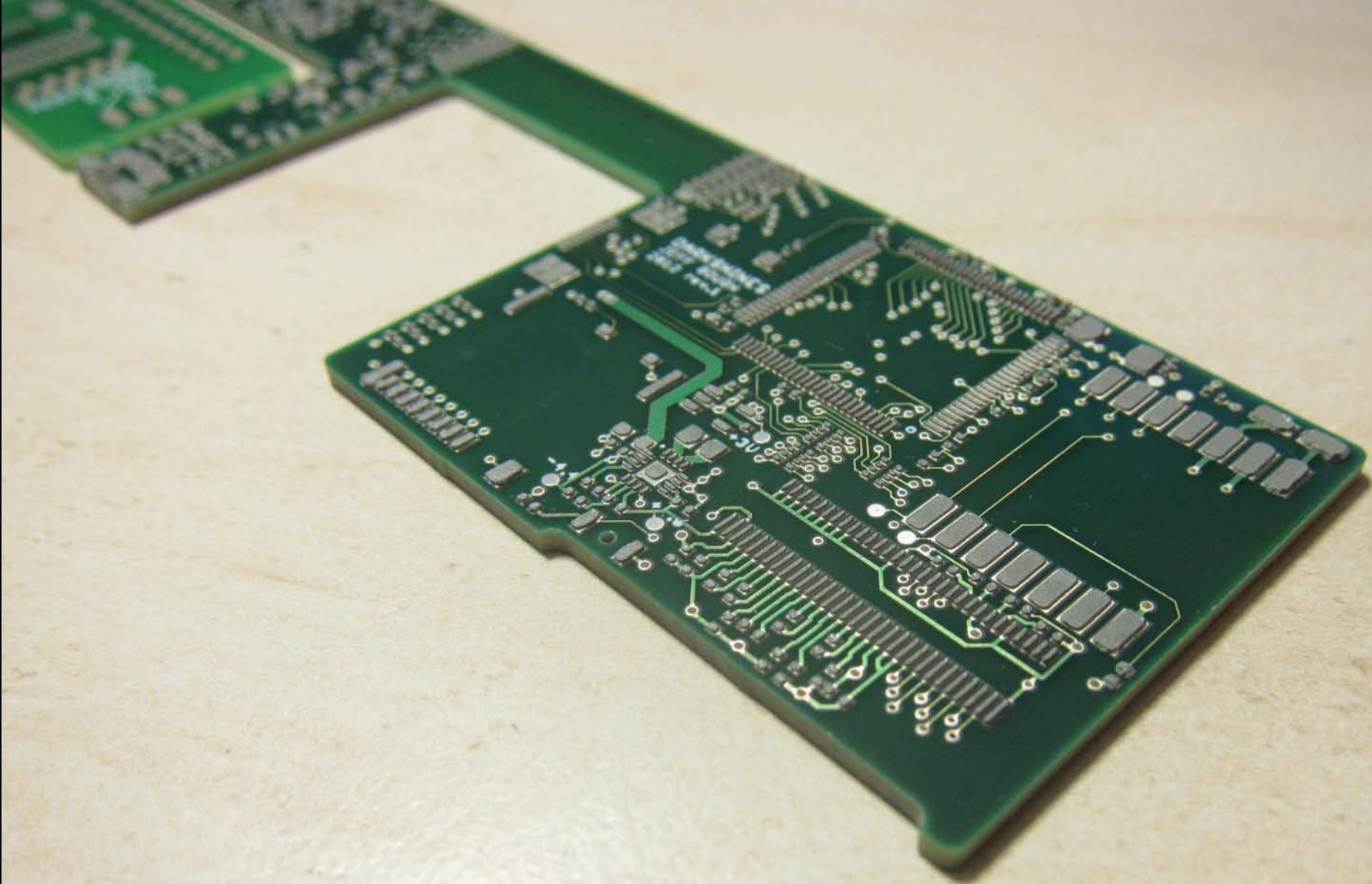


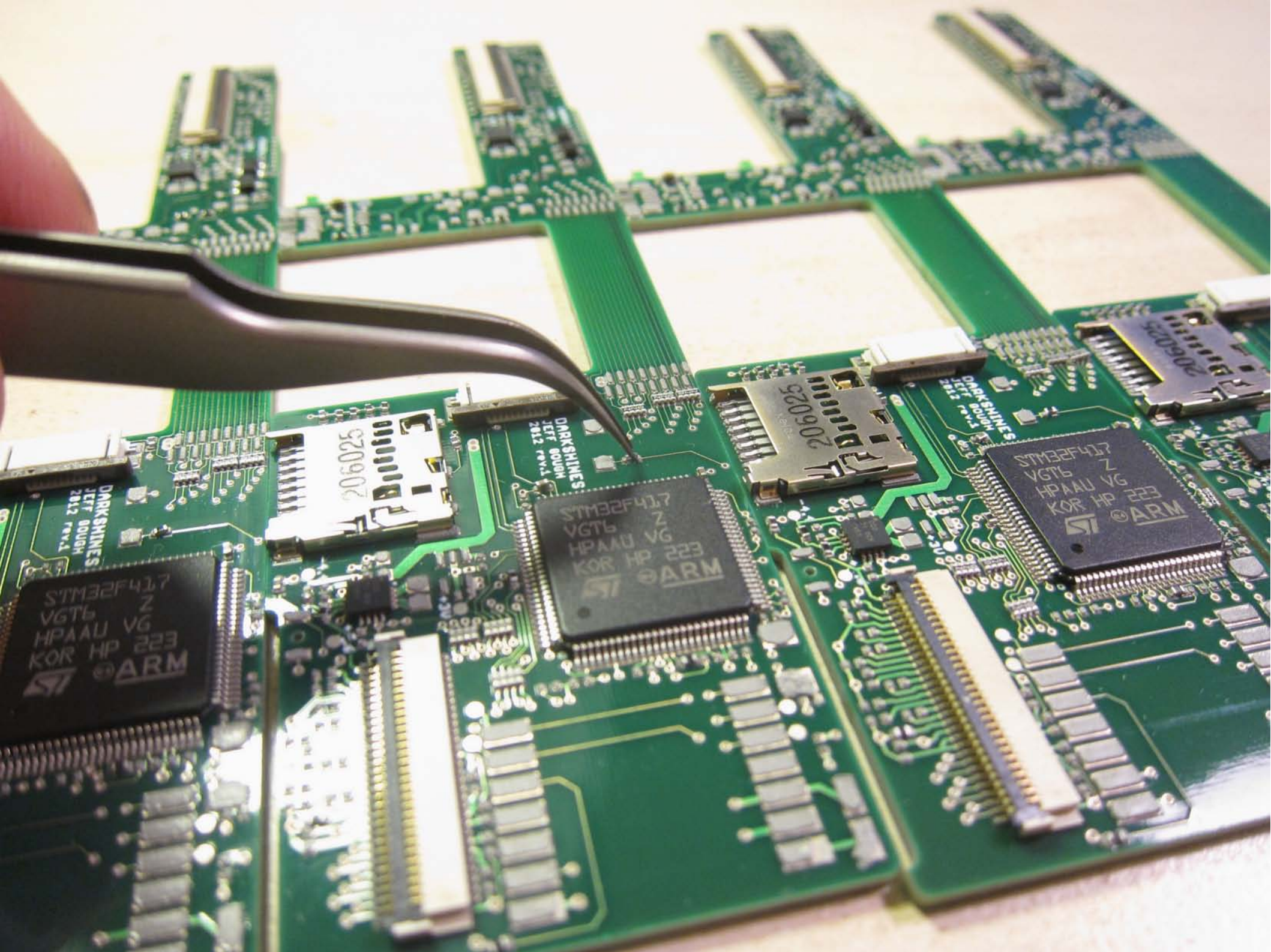


of Art  
Design

Contains: Resin acids and resin acids, hydroxy acids  
Derivatives acid hydrogenated polyurethane  
EM 1-1000 May cause sensitization by inhalation  
or skin contact.  
May irritate respiratory tract  
May irritate eyes, nose, throat and skin  
May irritate mucous membranes  
EM 1-1000 May cause sensitization by inhalation  
or skin contact.  
May irritate respiratory tract  
May irritate eyes, nose, throat and skin  
May irritate mucous membranes  
EM 1-1000 May cause sensitization by inhalation  
or skin contact.  
May irritate respiratory tract  
May irritate eyes, nose, throat and skin  
May irritate mucous membranes







DARKSHINES  
JEFF GOUGH  
2012 REV.1

206025

206025

206025

STM32F417  
VGT6 Z  
HPAAU VG  
KOR HP 223  
ARM

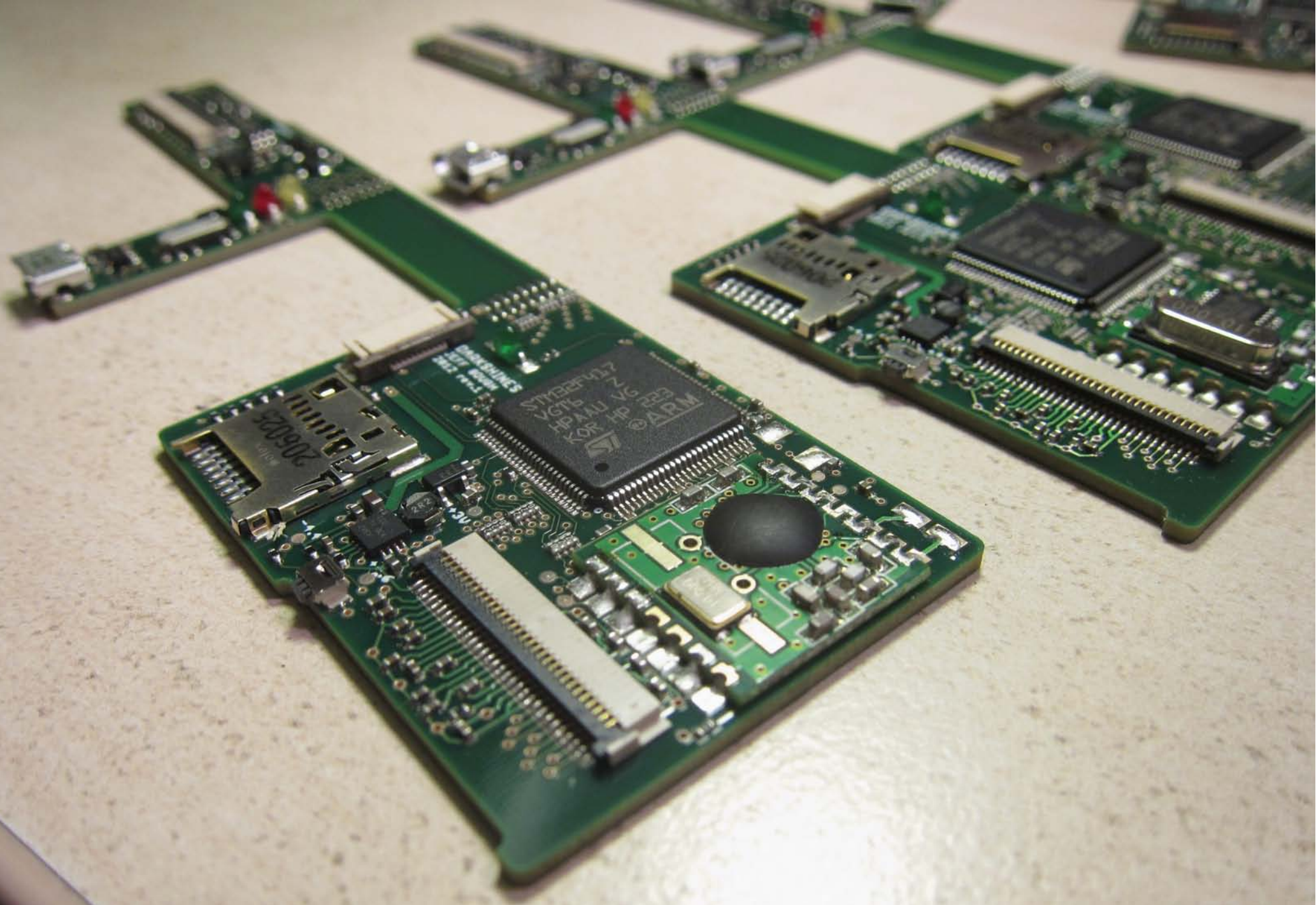
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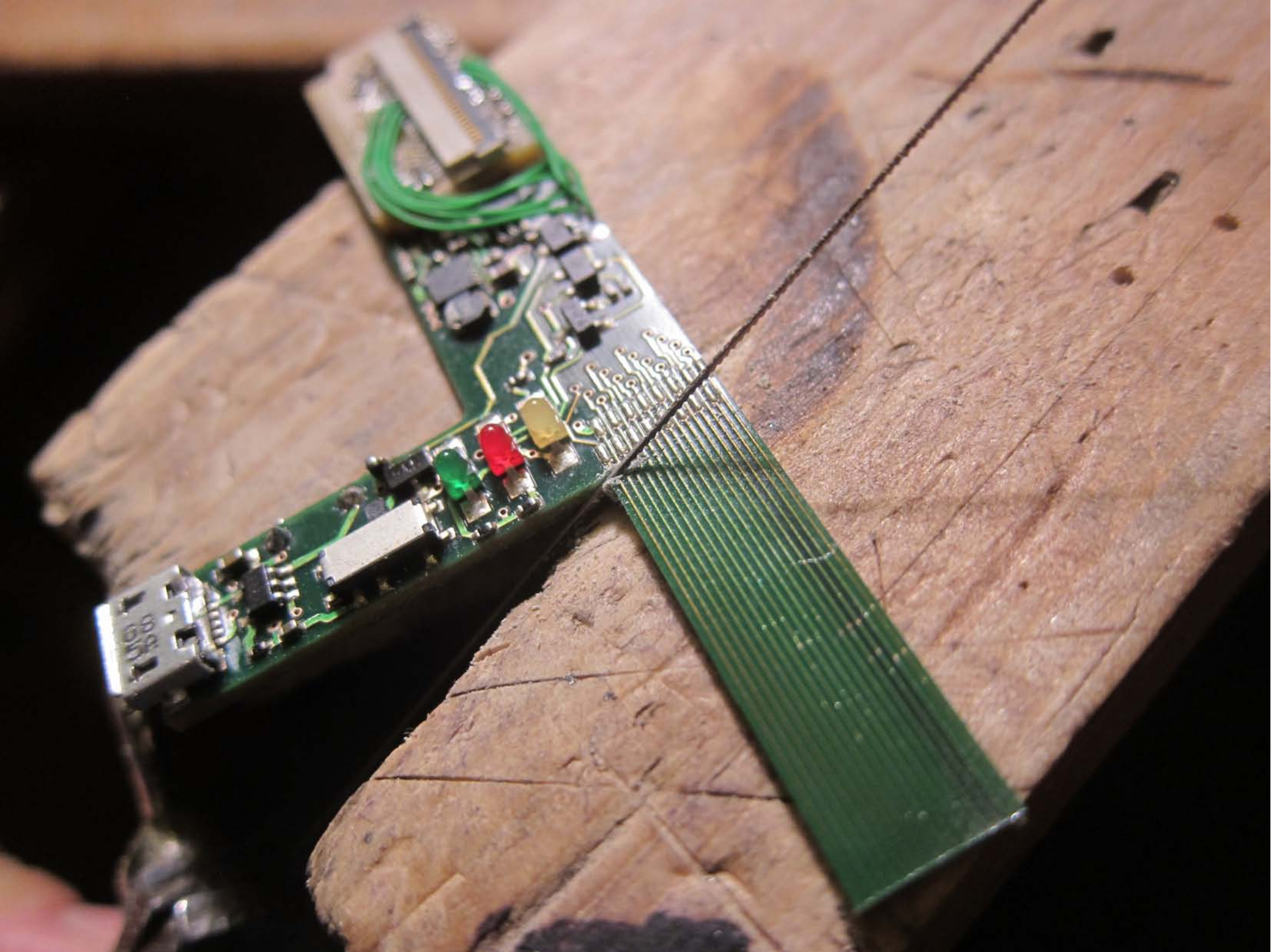
STM32F417  
VGT6 Z  
HPAAU VG  
KOR HP 223  
ARM

DARKSHINES  
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JEFF GOUGH  
2012 REV.1









STAPLES®

9

16

15

14

13

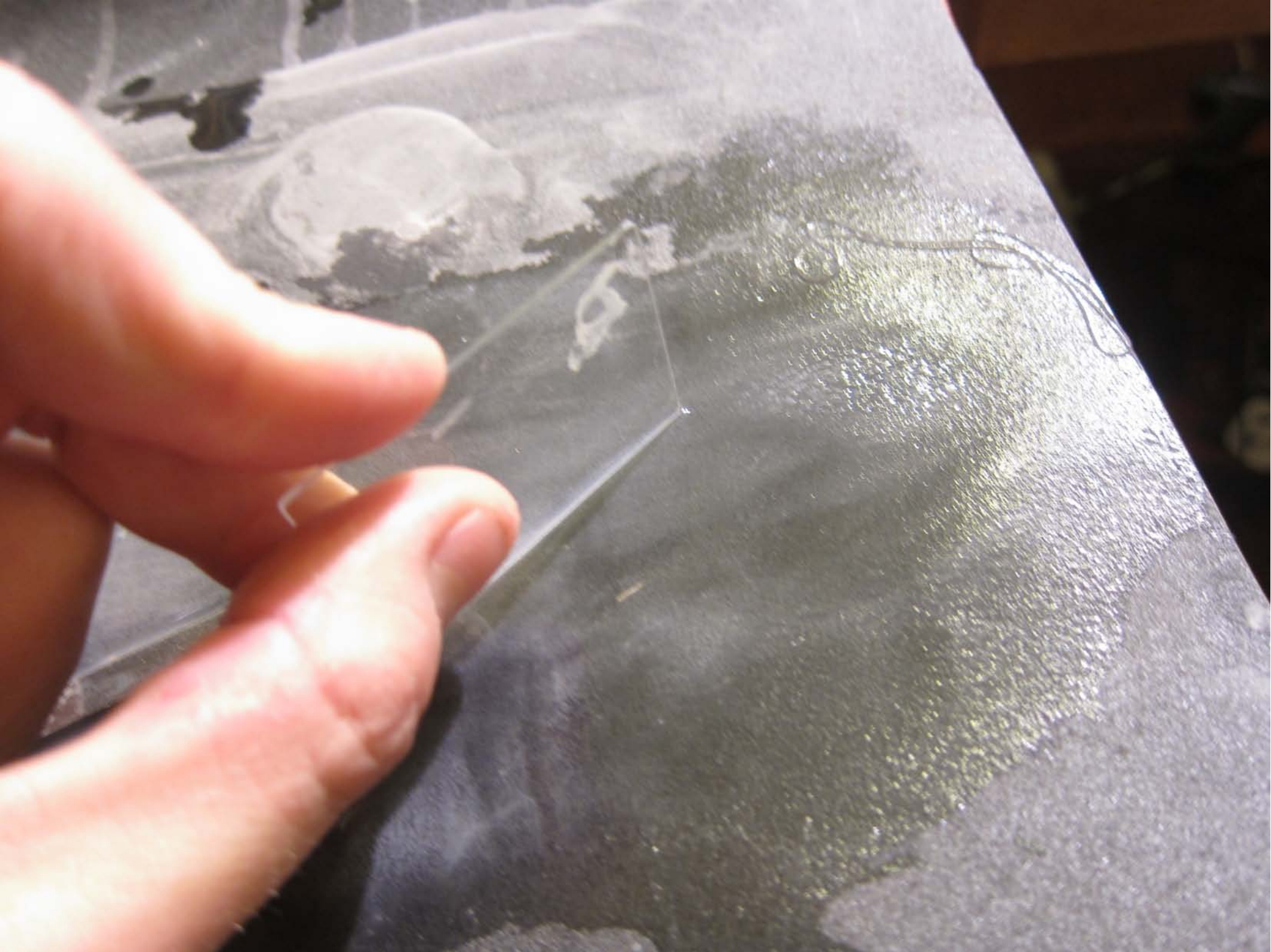
12

11

10

8

6







CMEL 920502 74-X001  
2P0\_S6E63D6\_61PINBF  
Fm 92V-0

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T108F054NU0163  
491M103STC0013C

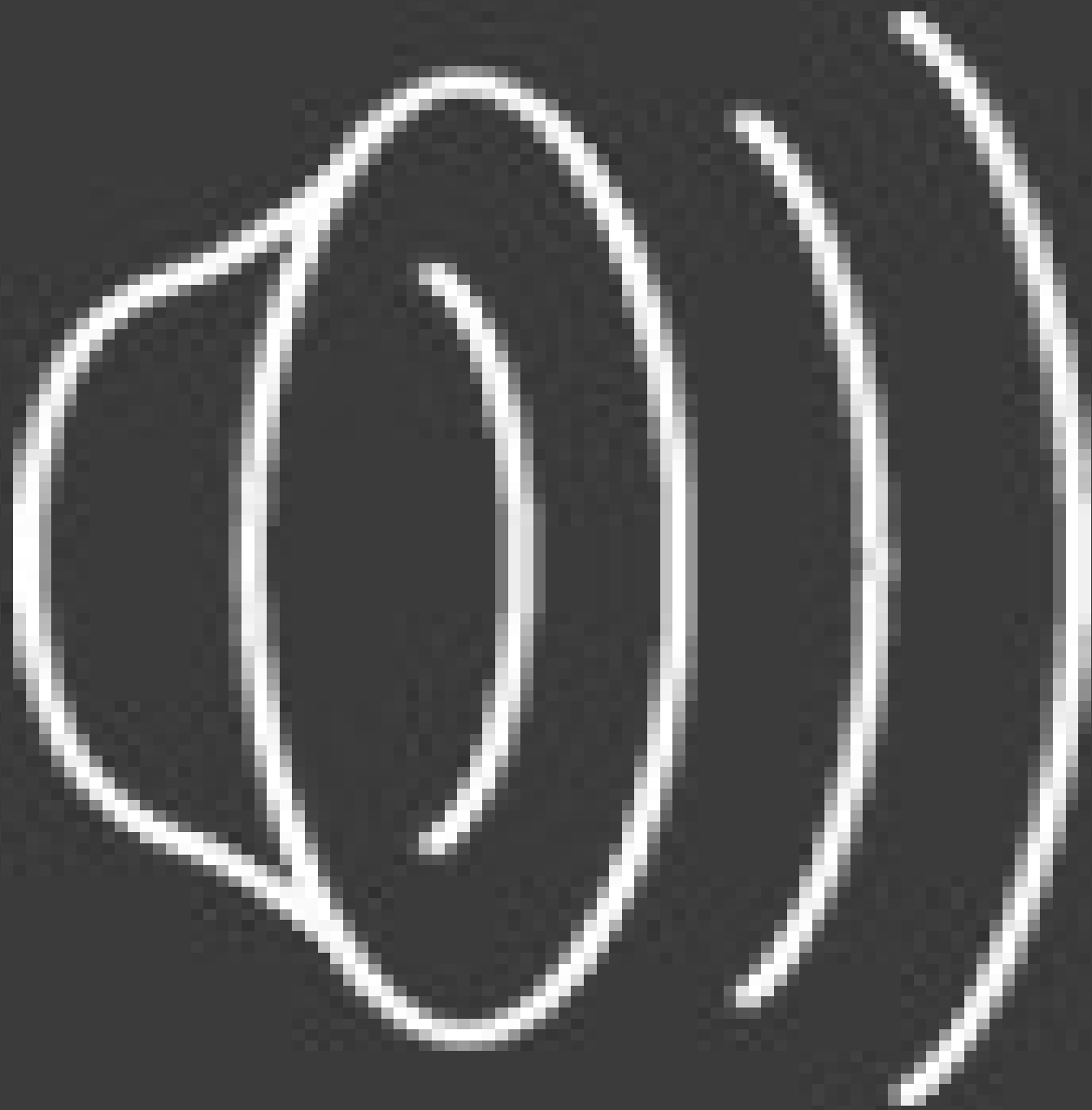




CAUTION:  
DO NOT THROW INTO FIRE  
DO NOT HEAT ABOVE 60°C (140°F)  
DO NOT DISASSEMBLE  
DO NOT PUNCTURE OR CRUSH  
Li-Ion Polymer  
616-0223

DARKSHIMES  
JEFF 80U9H  
2812 rev.1









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