

# Welcome to Beer Barons

## January 2014

### Gadget Meeting



# Thank you

- This last year, I had people stop me at Menards, Summerfest, Beer Festival, Home Brew shop, to ask me one question

# So what is a Gadget?

- A gadget is a small<sup>[1]</sup> tool such as a machine that has a particular function, but is often thought of as a novelty. Gadgets are sometimes referred to as *gizmos*.
- From Wikipedia

# My Motivation

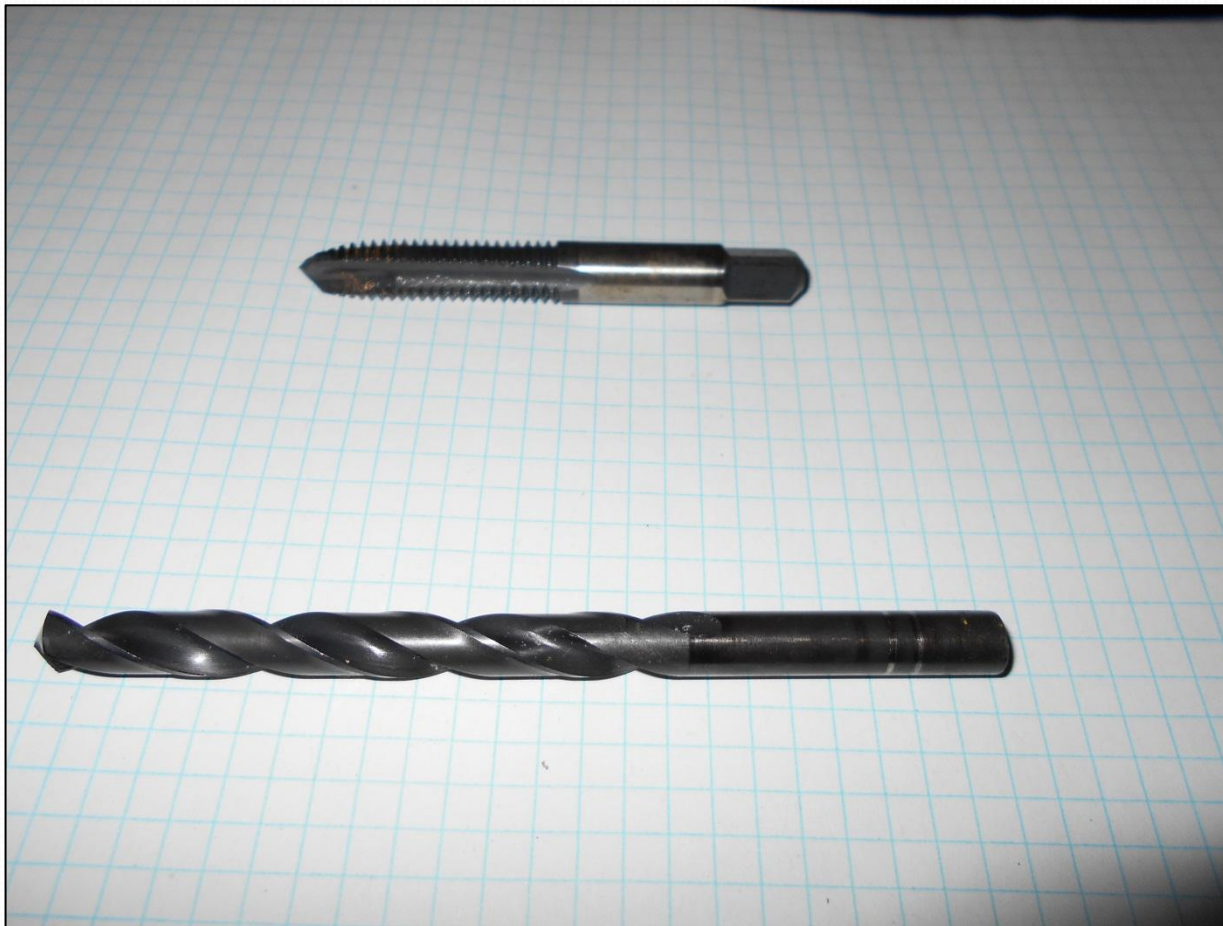


# Tap Handles

- In the beginning
- \$ 2.50



Drill a hole 5/16 tap 3/8-16



Any thing with 3/8-16 thread can be used as handle



I shop at flea markets looking for anything that can be drilled or welded





# Horseshoe welded to a coupler nut then powder coated



# Gear welded to coupler nut for Fixed Gear



# Plastic Lemon



# Old gauge, Crystal ball



# Springs off a motorcycle seat



# Used 5 gallon cooler made into a Jockey box



# Inside



# Back side





# GEN 11 Capper



# Cost \$55.55

## Tools needed drill, drill press better

GEN 11 Bottle Capper					
Name		Quantity	Sources		
Counter top	Base	1	ET	0	0
Bell of red capper		1	Had	0	0
5/16-18 FHCS X 1.25 under bell	under bell	1	Menards	0.69	0.69
5/16-18 FHCS X .625	angle to strut	6	Menards	0.59	3.54
3/8-16 FHCS X 1.250	angle to strut	6	Menards	0.89	5.34
5/16-18 T nut	base to angle	6	Menards	0.60	3.60
5/16-18 nut	angle to strut	6	Menards	0.10	0.60
5/16-18 FHCS X 1.00	base to angle	6	Menards	0.59	3.54
3/8 washer	angle to strut	2	Menards	0.13	0.26
5/16-18 nut	bell	1	Menards	0.10	0.10
Unistrut 16" long 1-5/8	strut	1	Menards	5.69	5.69
Unistrut top grip nuts 3/8	angle to strut	2	Menards	0.75	1.50
Unistrut P1325 angle bracket		4	Menards	2.14	8.56
1/2 copper tube for handle 16" long	handle	1	Menards	2.39	2.39
J-W36204 Push Pull Toggle clamp	angle to bell	1	JW Winco *	16.6	16.6
					0
					0
*www.jwwinco.com			Total		52.41
			Tax	0.06	3.145
					55.55

# Keg/Carboy Washer



# Sump Pump Copper Tube

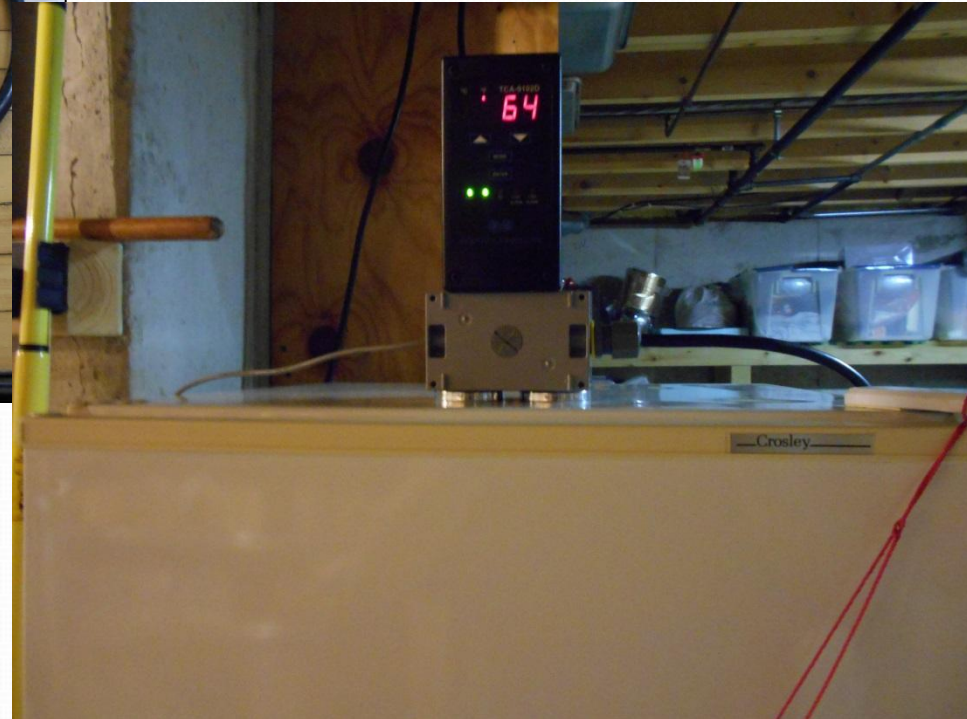


Total cost about \$75



# Dual Temperature Controller

\$106 at AHA total \$112



# Fermentation Chamber



# Refrigerator, Plywood, Casters \$75





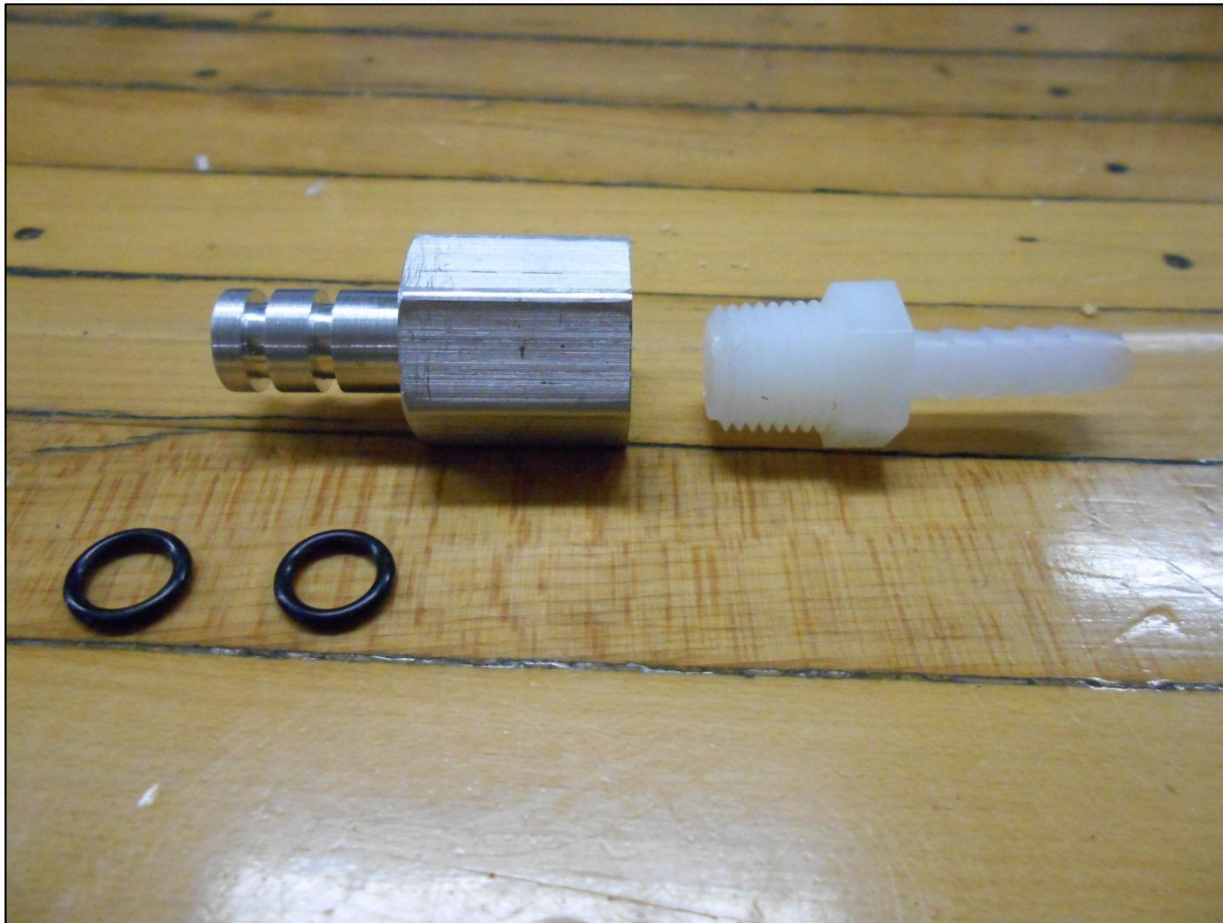
# Outdoor Pub Table



# Growler Filler



My cost about \$3.00



# Water Trailer Going Green



# Filling with water from wort chiller



# Watering rhubarb, next will be hops



# Keg Name Tags



# Carboy Cleaning Wand Made for under \$10





# Lab Thermometer Tube

PVC tube with ends about \$3.00



# Stop Bottles from falling over in your cooler

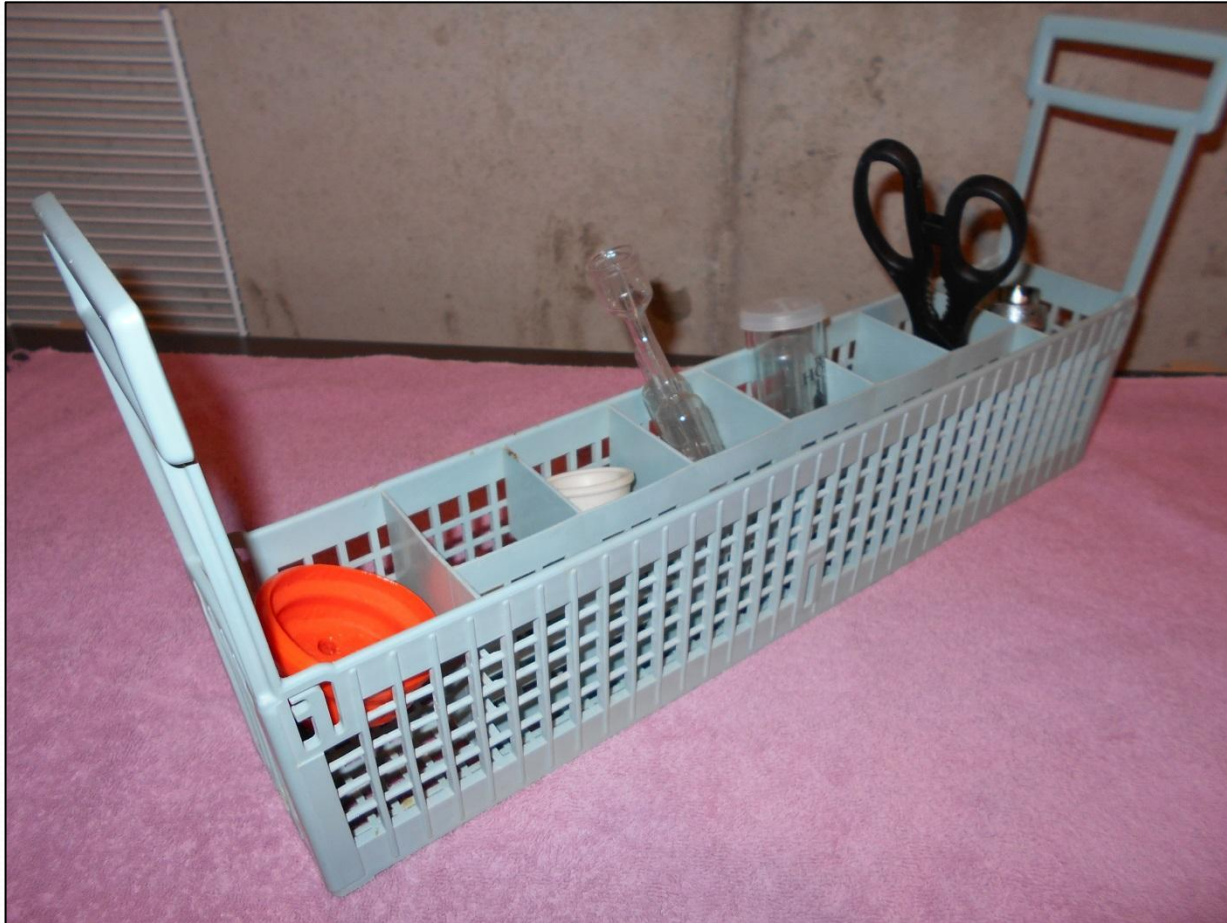




# A Few of My Favorite Things

## My Oprah Moment

# Free used dish washer rack



# Free Food Grade 5 Gallon Buckets



# Drip tray with magnets (no holes drilled)



# Bubble Wrap





# A Little Help from My Friends



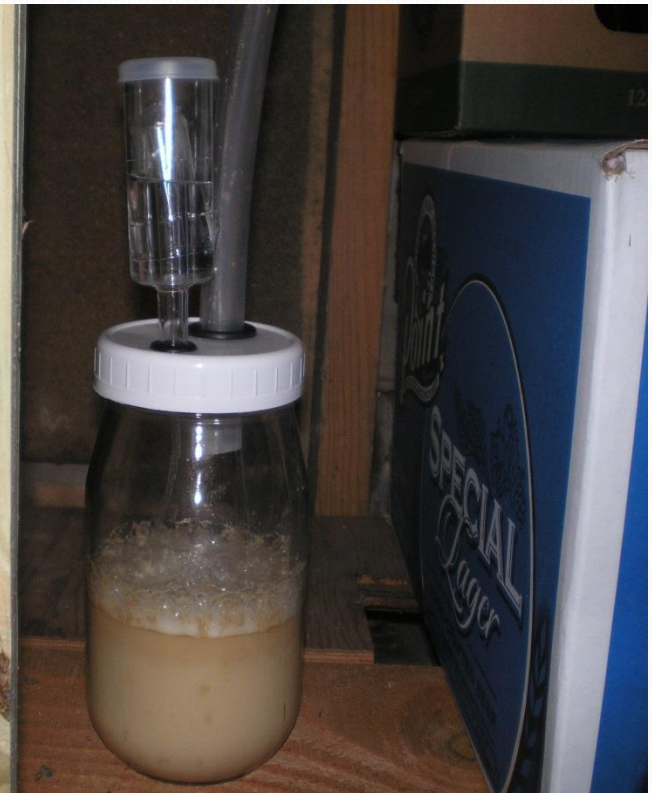
# Victor's Pre Chillers



# Steve's Hop Trellis



# Mike's Yeast Recovery System



# Darren's Stir Plate



# What is next?





Thank you for your time

Do you want me back in 2015?

I will need your help!



# Questions