

Good afternoon **dvoracek**.

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f295: Exploring 21st Century Photography › Studio & Darkroom › Lensless Camera: Making and Modifying › **stereo populist**

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Pages: 1

Author **stereo populist** (currently 428 views)

dvoracek Posted: March 4th, 2007, 11:47am

f295 Master Friday, over on the Pinhole email discussion list there was a bit of excitement about a Japanese stereo pinhole camera kit
http://www.verycoolthings.com/vct/Neo_getpage.cgi?page=itemtoyanditemID=14838andcool=



Photon path limiting imager

Posts: 1,006
Posts Per Day: 0.65

So Saturday, I cut up a couple of **Populist** patterns and made myself a **stereo** version.

Thought of extending the focal length, but was too lazy to make myself a matched pair of appropriate sized pinholes and had plenty of the Gilder Electron Microscope Grids at .15mm which I know works well with the 24mm focal length **Populist**, so I used those.

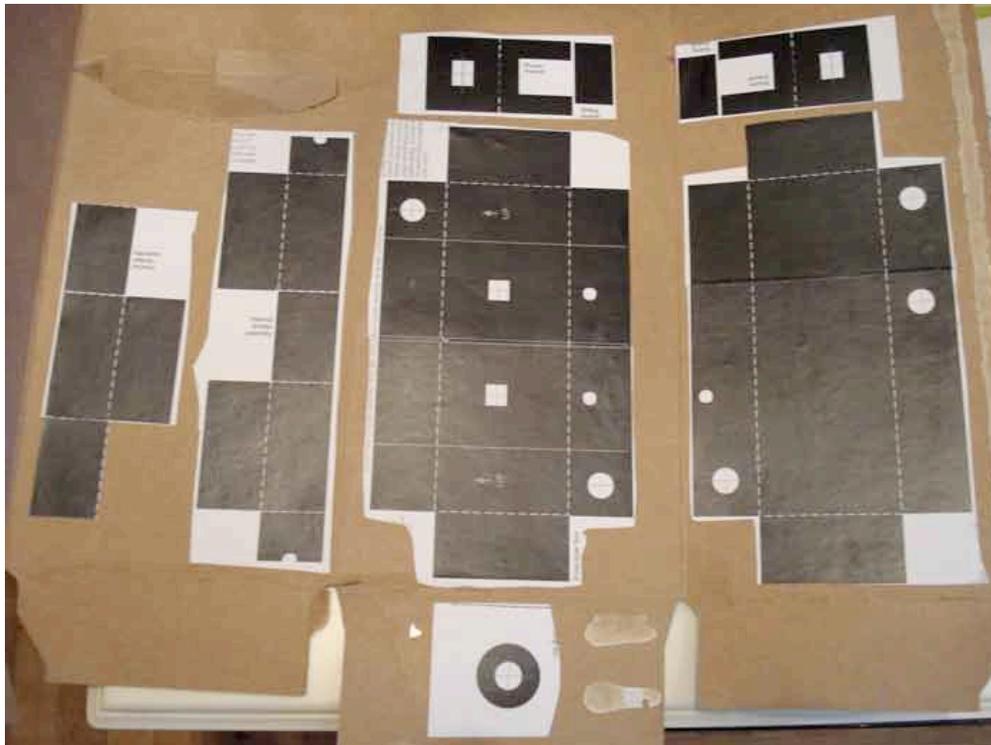
24mm seems kind of short for **stereo**, but I found a reference on the web to a full framed 35mm **stereo** camera with 28mm lenses, and our eyes are wider angle than that and they work pretty well in **stereo**. I also did a **stereo** experiment with a couple of curved back 4 x 5's with much wider angle a few years back and that seemed to work too, so I think I'll still be able to get the **stereo** effect at 24mm.

Forgot to take a picture of the inside before I put the film in, but you get the idea.

Shot about half the roll so should have images up in a couple days.

Nick

Attachment: [stereoparts_4660.jpg](#)
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Attachment: [stereopopulist_1553.jpg](#)
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Pinholes for Large Format

Laser Drilled Pinhole Lenses Designed for Large Format Cameras
www.pinholephotos.com

Pinhole Detector

On-Line Opaque Material Pinhole Inspection System
www.alumivision.com



<http://idea.uwosh.edu/nick/pinholephoto.htm>

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Longbow3 **Posted:** March 4th, 2007, 2:26pm

f295 Grand Master
Well, now I have another project!

Please, just twelve significant photographs.



Posts: 2,292
Posts Per Day:
2.25

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dvoracek **Posted:** March 5th, 2007, 3:11pm

f295 Master
Well, just when you get pretty cocky about something, it comes back and stings you. I had made so many of these populists without a light leak. With the extra length on this stereo thing, the long sides of the back warped a little, but I didn't pay much attention. Created enough of a gap to cause a light leak in the left hand bay. You can still pick up the stereo effect, but it's difficult with a difference in exposure and color balance between the two. This is the best of the lot. Set up for crossed eyes. (my apologies to those who can't do that).



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Probably worth a try to put a third rubber band between the two pinholes and maybe a little tape for insurance and give it another try.

Nick

Posts: 1,006
Posts Per Day:
0.65

 **Attachment:** kitchentable_7169.jpg
413 downloads - **Size:** 12.18 KB



<http://idea.uwosh.edu/nick/pinholephoto.htm>

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MarkB Posted: March 5th, 2007, 5:21pm

f295 Master Well done Nick... I get a very good stereo effect.
Populist brings 3D to the masses!



Posts: 822
Posts Per Day:
0.84

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dvoracek Posted: March 5th, 2007, 5:42pm

f295 Master Just realized I got the vertical alignment off when I scanned. Here it is better aligned and a little burning and dodging to make the two match a little better.



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limiting imager

 Attachment: kitchentable2_4754.jpg
392 downloads - Size: 12.11 KB



Posts: 1,006
Posts Per Day:
0.65

<http://idea.uwosh.edu/nick/pinholephoto.htm>

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Perez Posted: March 5th, 2007, 9:55pm

f295 Master wow!



Posts: 629