

Peto's Ebook Reader Rotating Bed Bookchair

Sized for Sony PRS-505

This simple base holds the Reader in any angle from vertical to horizontal, so that the text line is always aligned with the reader's eyes and both hands are free, while reading in any position

This manual is for non commercial use only.

If you are interested in acquiring the finished product, contact peto@iname.com for price and shipping.

ALL DRAWINGS SCALE 1:1.

- 1.- Cut red, black and blue planks (pages 4, 5, 6). Make black blue and red holes.
 - 2.- Glue the margins on the black plank.
 - 3.- Glue the blue plank behind the black to complete the base.
 - 4.- Cover the Sony Reader base with sticky velvet. If you want to cover the screw hole, make sure you get the washer and screw inside first. Cover the back too.
 - 5.- Glue hinge, base (red plank) and base foot with contact glue.
 - 6.- Cover the red plank and the base foot with velvet.
 - 7.- Knot the string to the red plank. It should have about 25 cm from knot to knot in order to get angles of 10, 27,5 and 45 degrees. By shortening or lengthening the string you can customize the inclination.
 - 8.- Add laces or elastic bands and attach the velvet triangle on top to prevent the reader from sliding out when turning the base upside down.
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- The blue hole leaves room for the screw head and it's washer. Make sure the screw head doesn't protrude over the black plank or it will mark the Reader and possibly harm it.
 - You can use two nuts+washer or a wing nut+washer on the back.
 - I use 3 mm plywood, 4 mm screw+12 mm washers. You can adapt this to what you already have. Same with hinge and blue plank margins.
 - Velvet is not necessary, except where the base supports the Reader. It increases the friction between the planks and helps keep the base still, but naked plywood offers good friction too. I just think it looks better. You can varnish it instead or just polish it a little. I just got velvet in all surfaces and painted the edges with black permanent pen.
 - You don't need to tighten the nuts too hard, as the hole is made (+ or -) in the mass centre of the base+reader, so it should stay put even without friction.
 - You can adapt the light pin support to the light you already have, or cut it away.
 - Flip the base upside down for storage.

Enjoy your reading!!

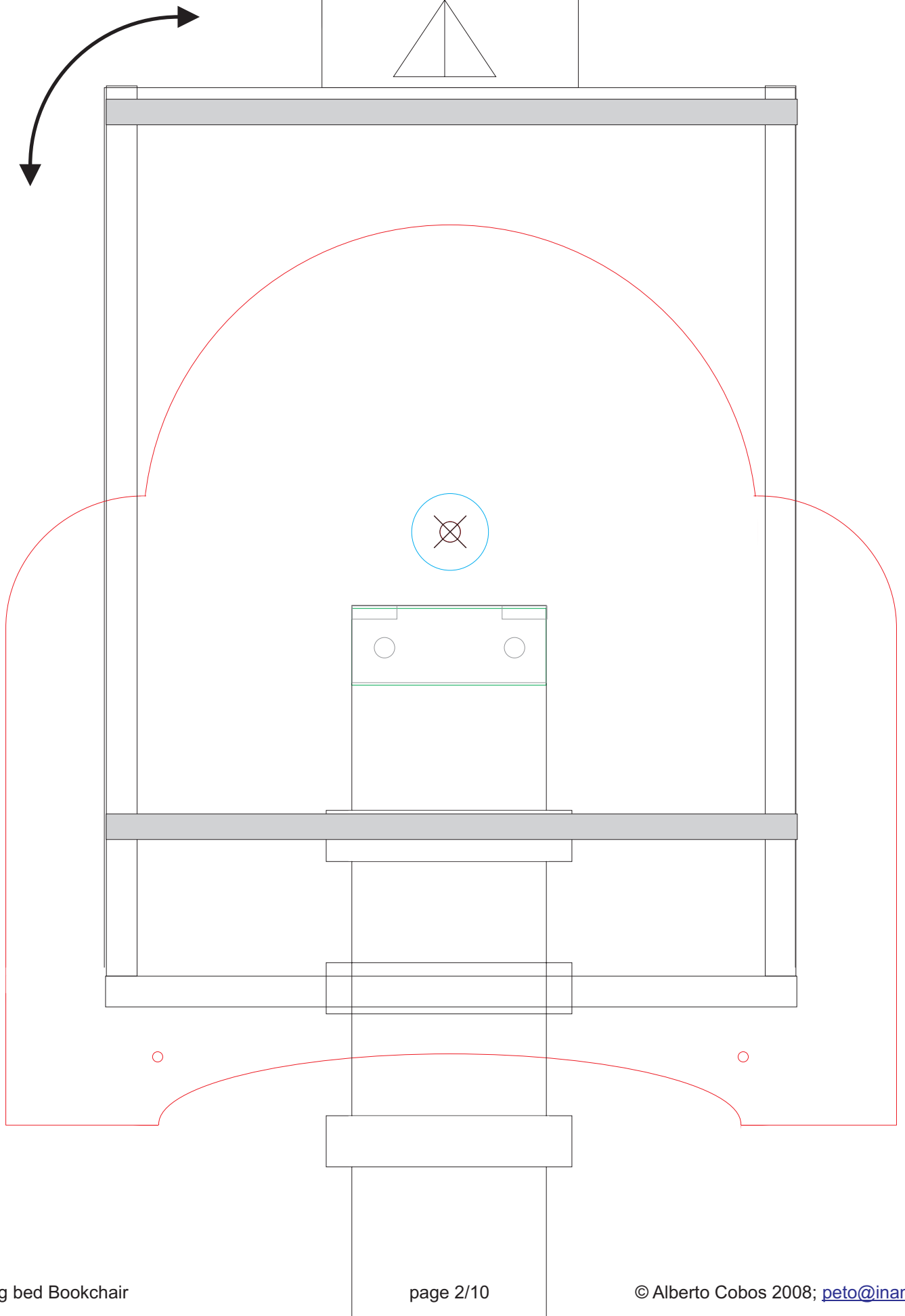
Peto

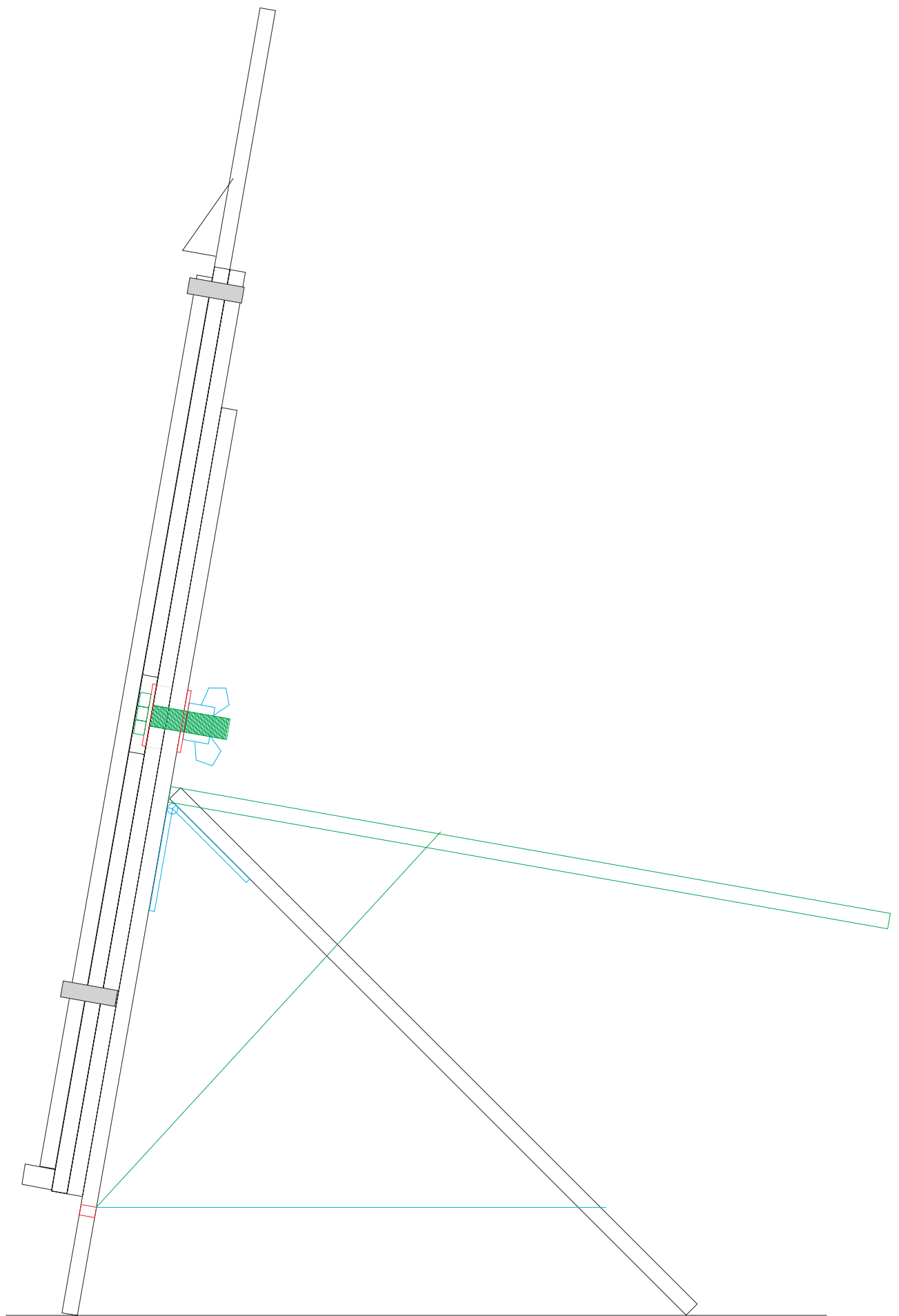
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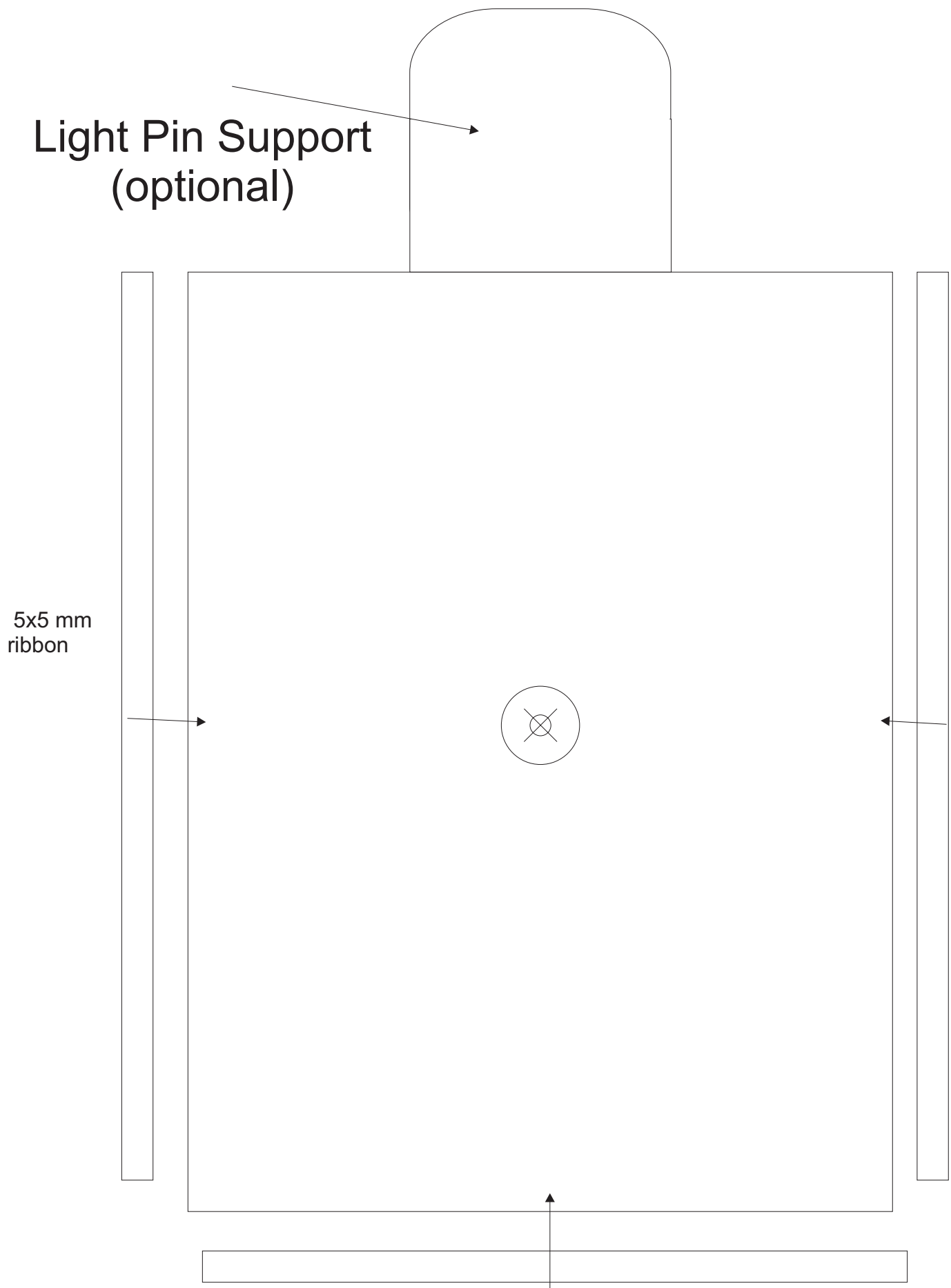


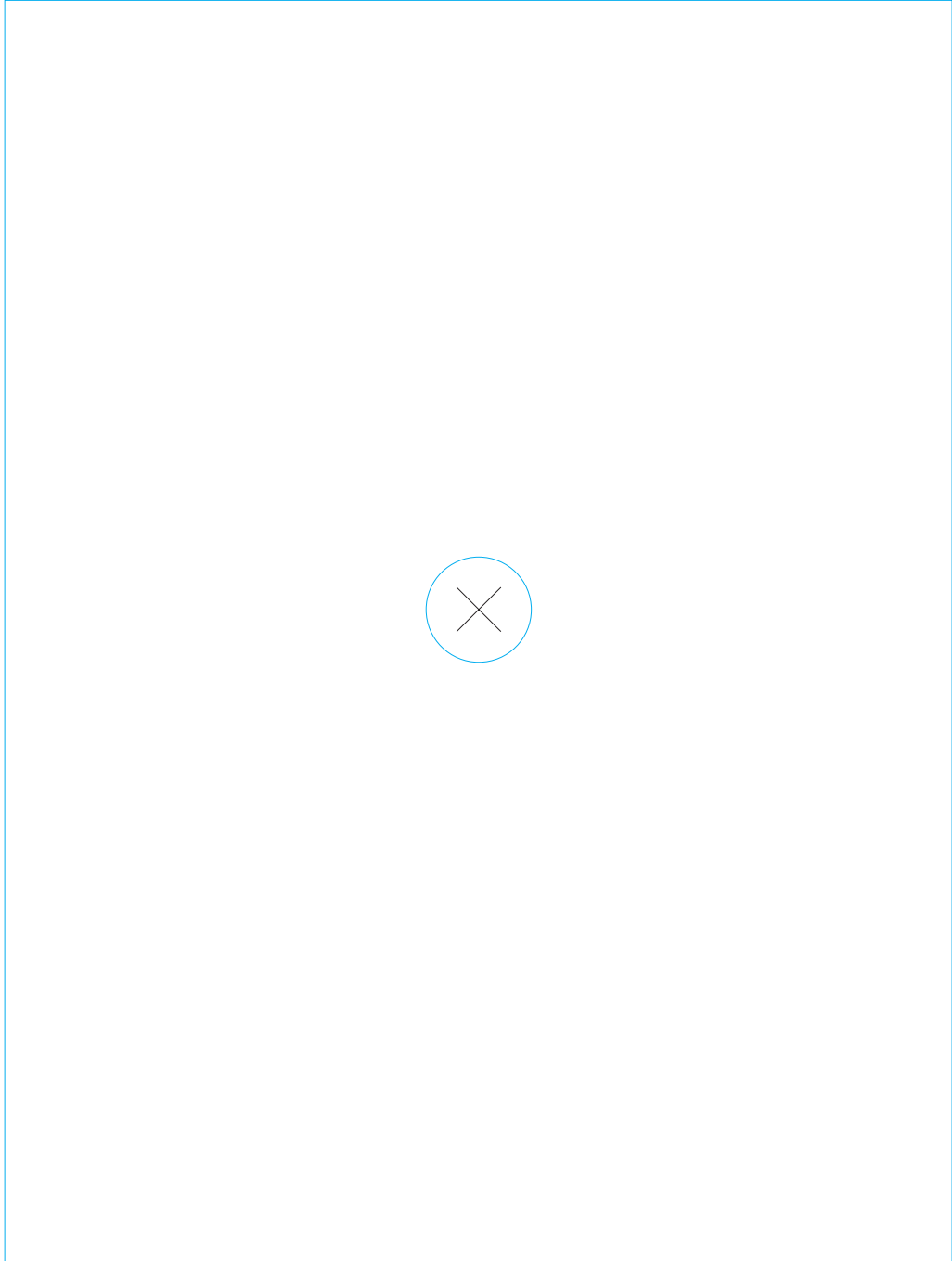
**Finished
Bookchair**

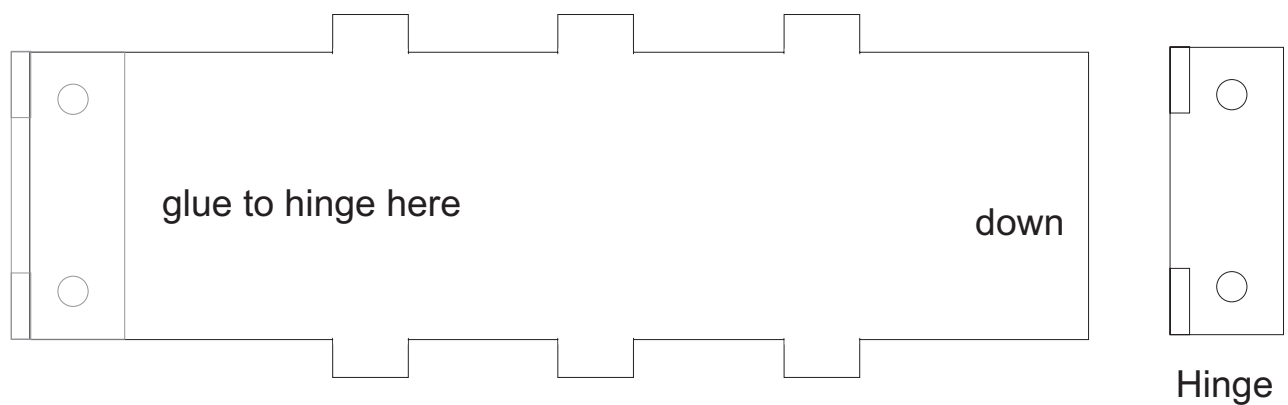
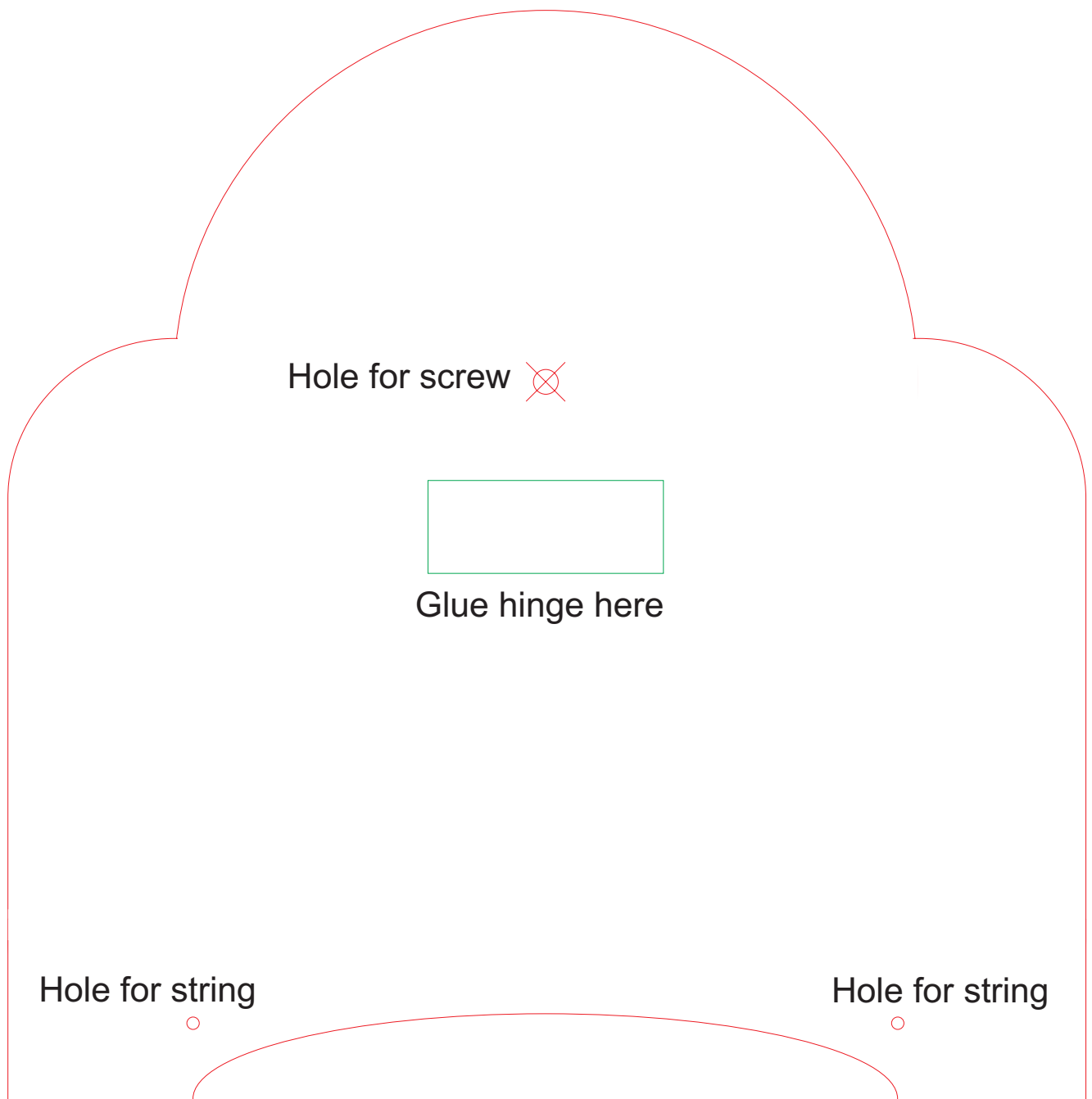
**PROTOTYPE
I**









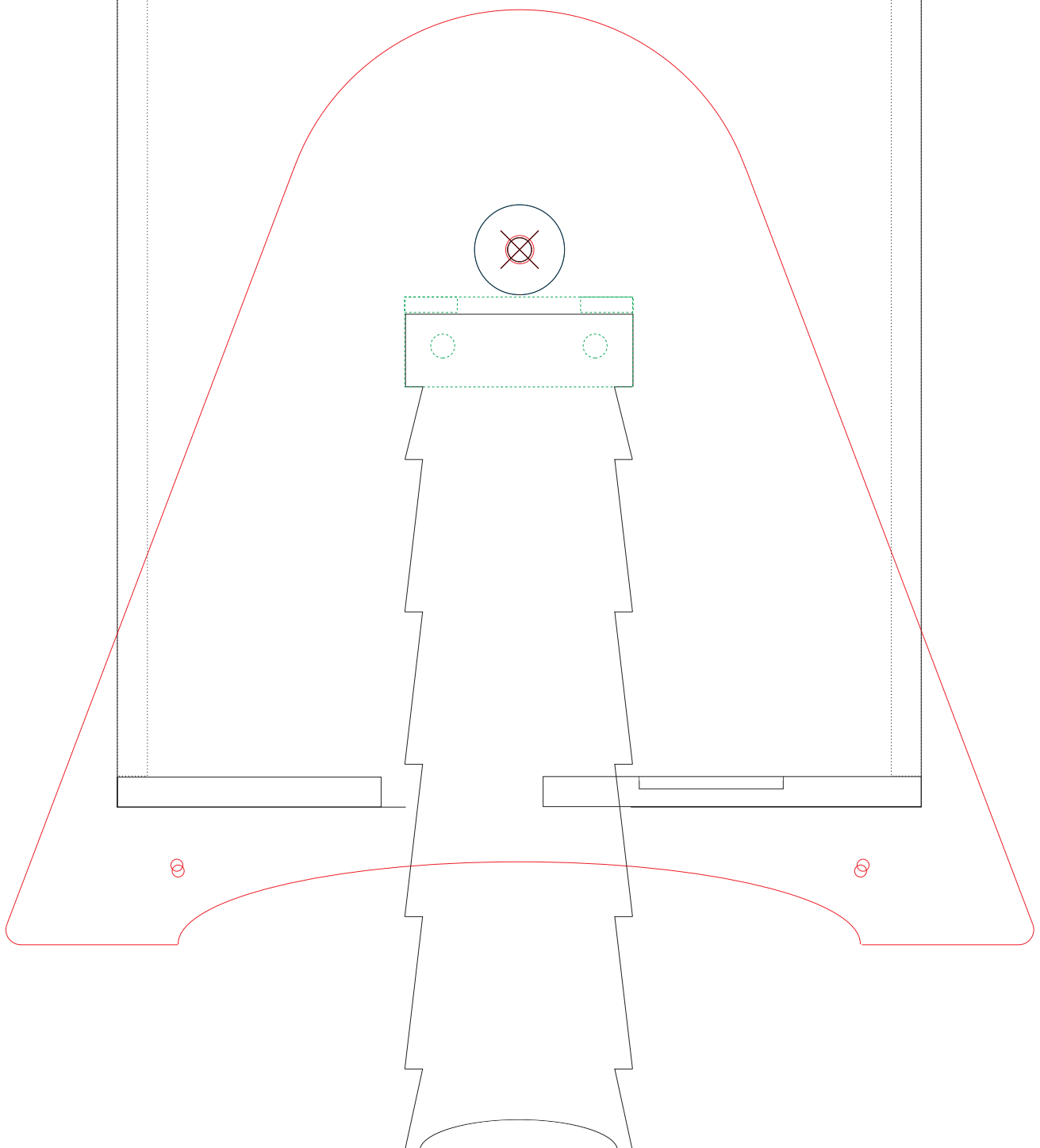


This design is an improvement of the former. It reduces the top light flap, but keeps it as it happens to be comfortable when moving the thing.

The bottom ribbon is separated in two parts so that the Reader can be both USB or/and AC connected without removing from the bookchair. Right part of it has an indentation so the Reader Does not lay on the volume buttons.

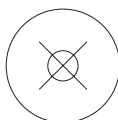
PROTOTYPE II

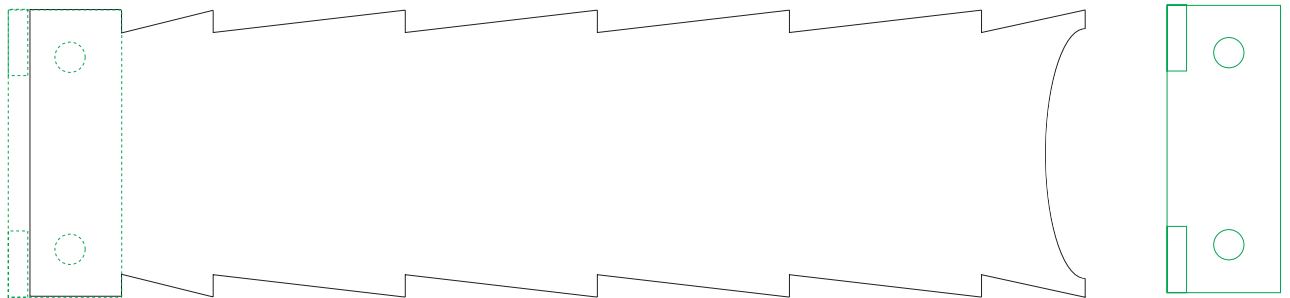
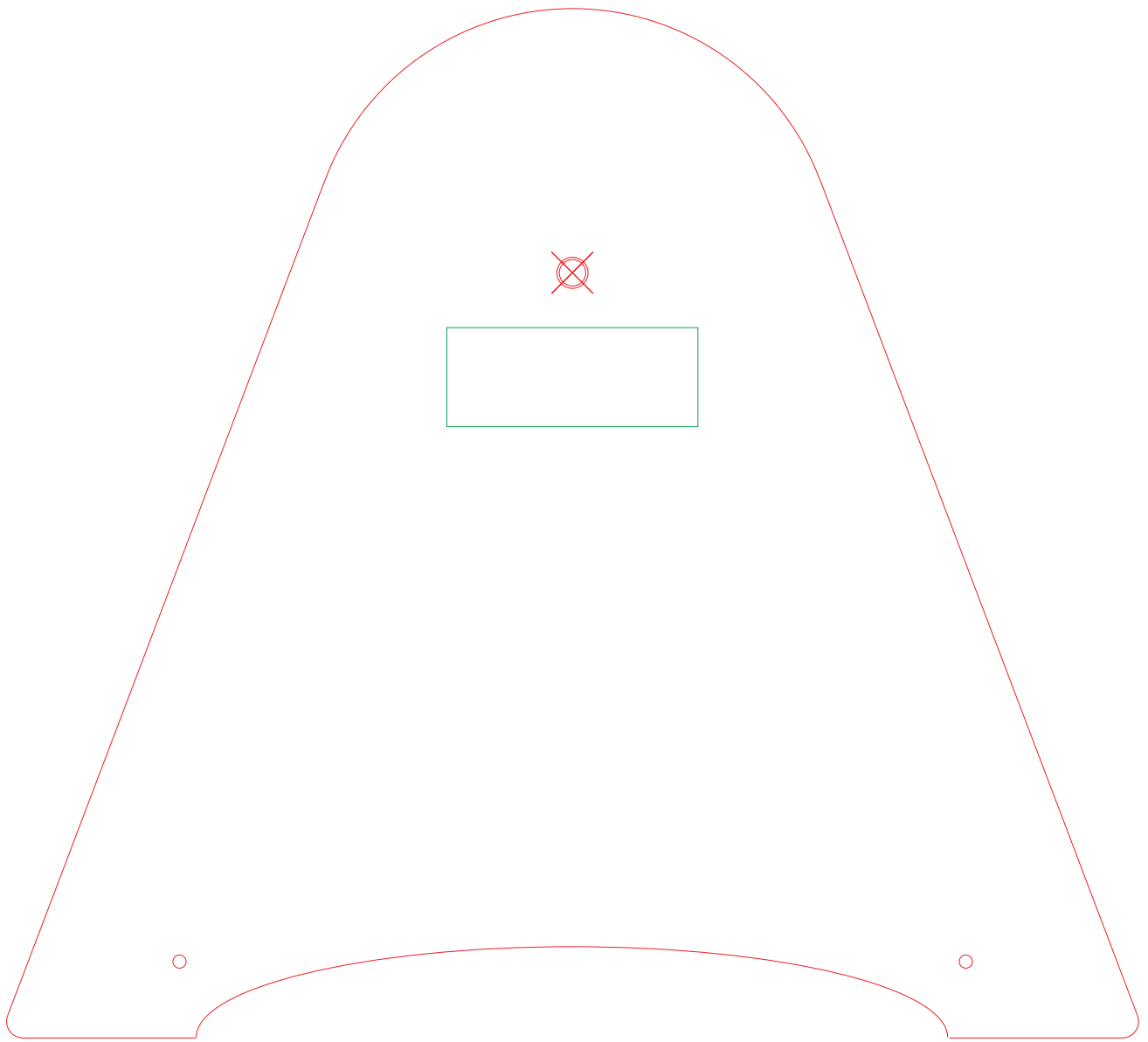
Finished Bookchair



Two copies of this plank, one with the big hole,
the other with the small hole.
The one with the big hole goes front.
The one with the small hole doesnt need the light flap on top.

5x5 mm
ribbon





FIXED BASE

PROTOTYPE III

This base is easier to build but harder to cover.
If you don't care for reading while laying
sideways, this one works perfect for reading
while seated or laying on your back.

5x5 mm
ribbon

