

sphere cell

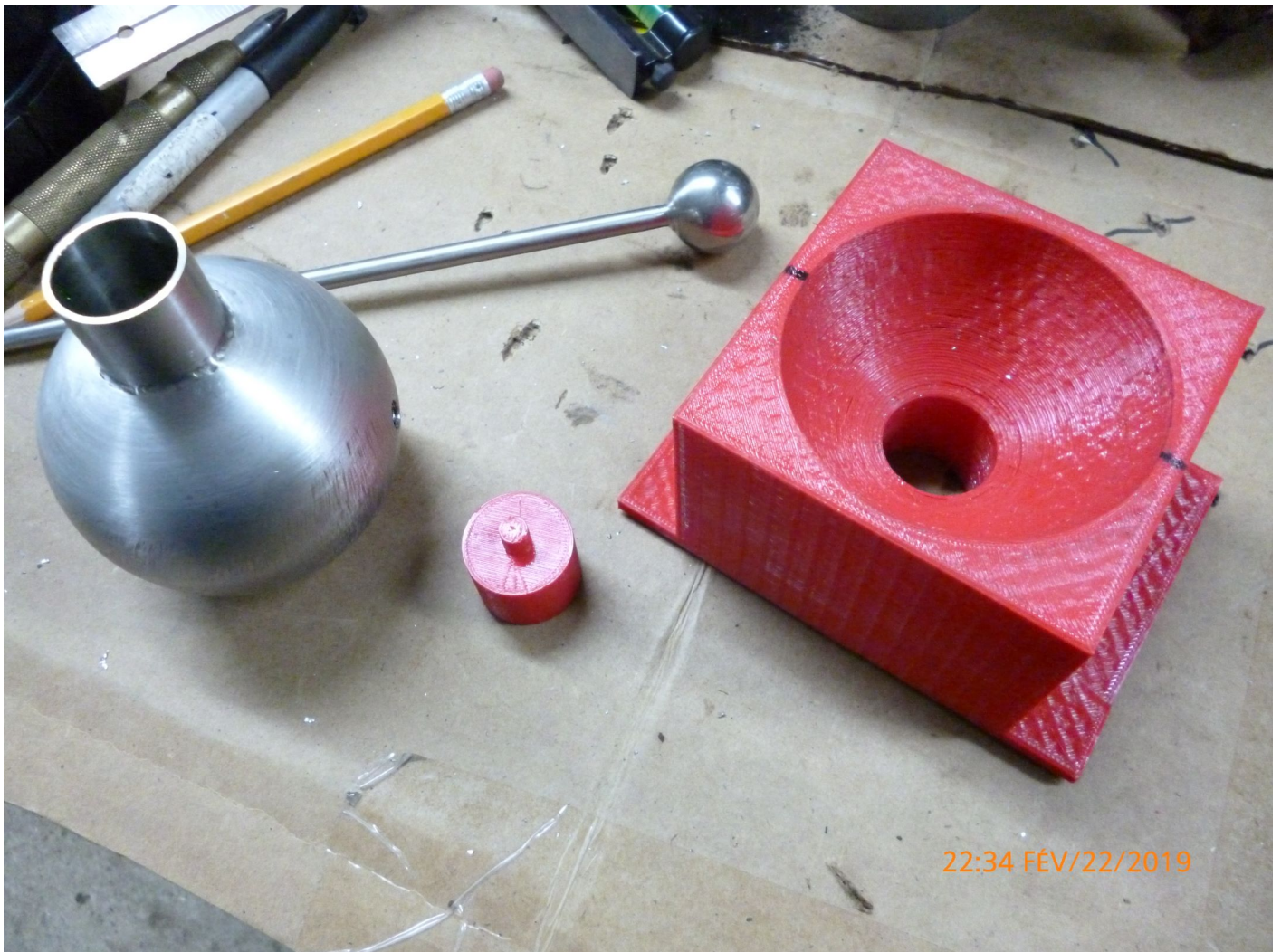
- sphere cell replication v.1

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here is a replication of stan meyer's spherical resonant cavity.

outer sphere is 3 inch diameter 11ga 304l stainless steel, inner sphere is a 1inch 304l solid ball.

a centering jig was 3d printed to use the pre-drilled hole in the outer sphere as a reference point to drill the other hole.





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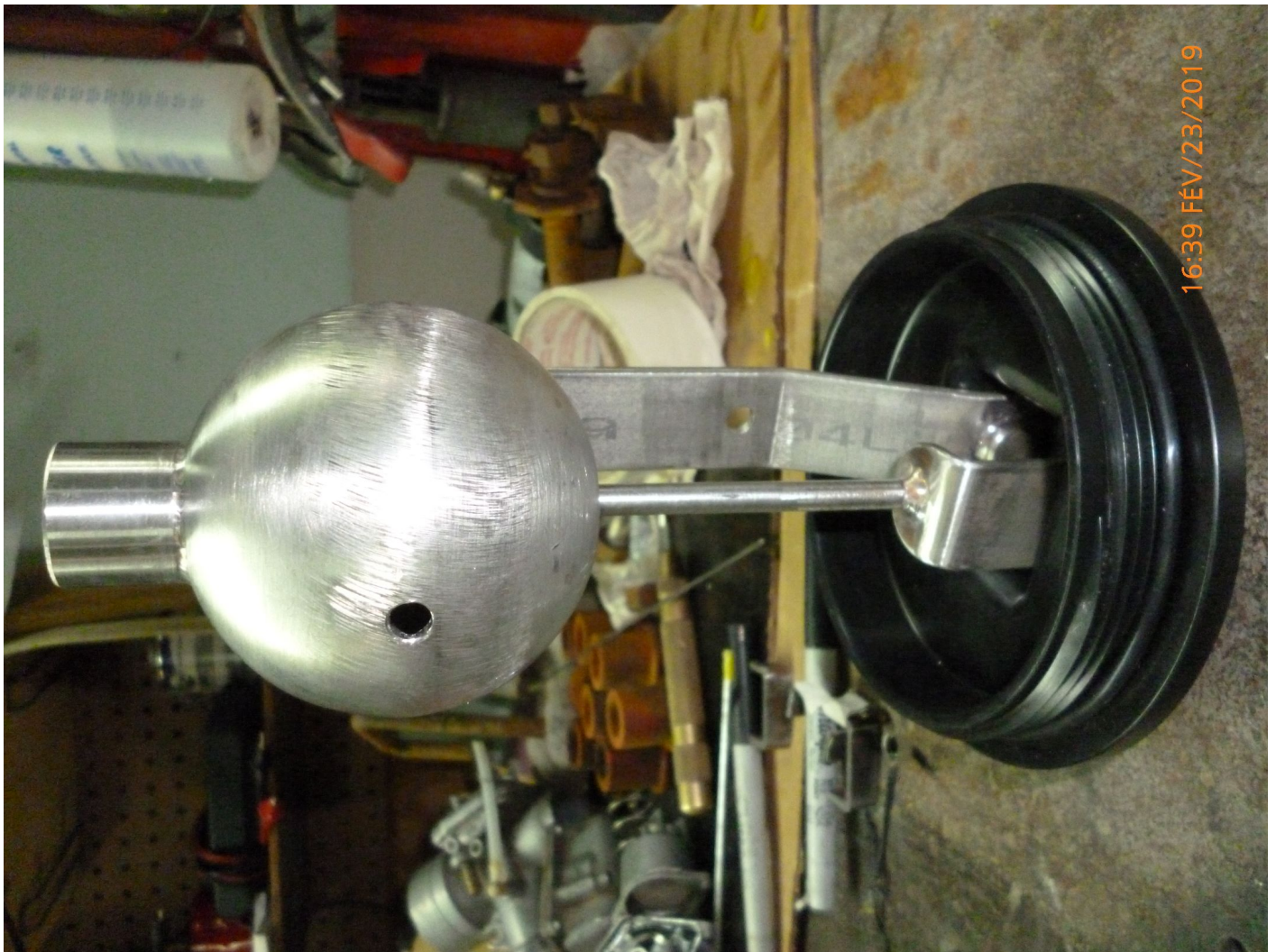


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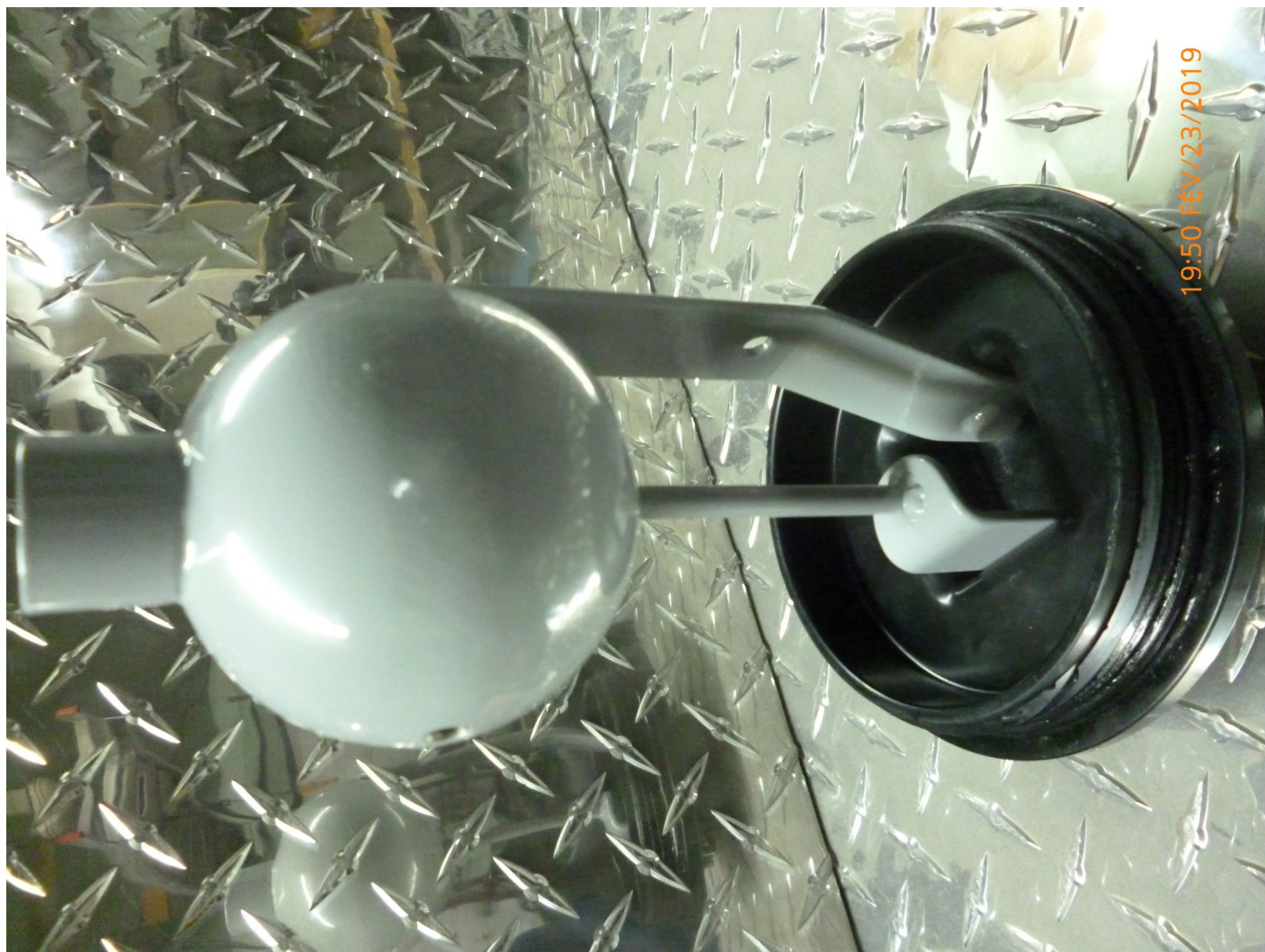
the outer wall of the 3 inch sphere was powdercoated in an attempt to prevent electron leakage to the water bath.





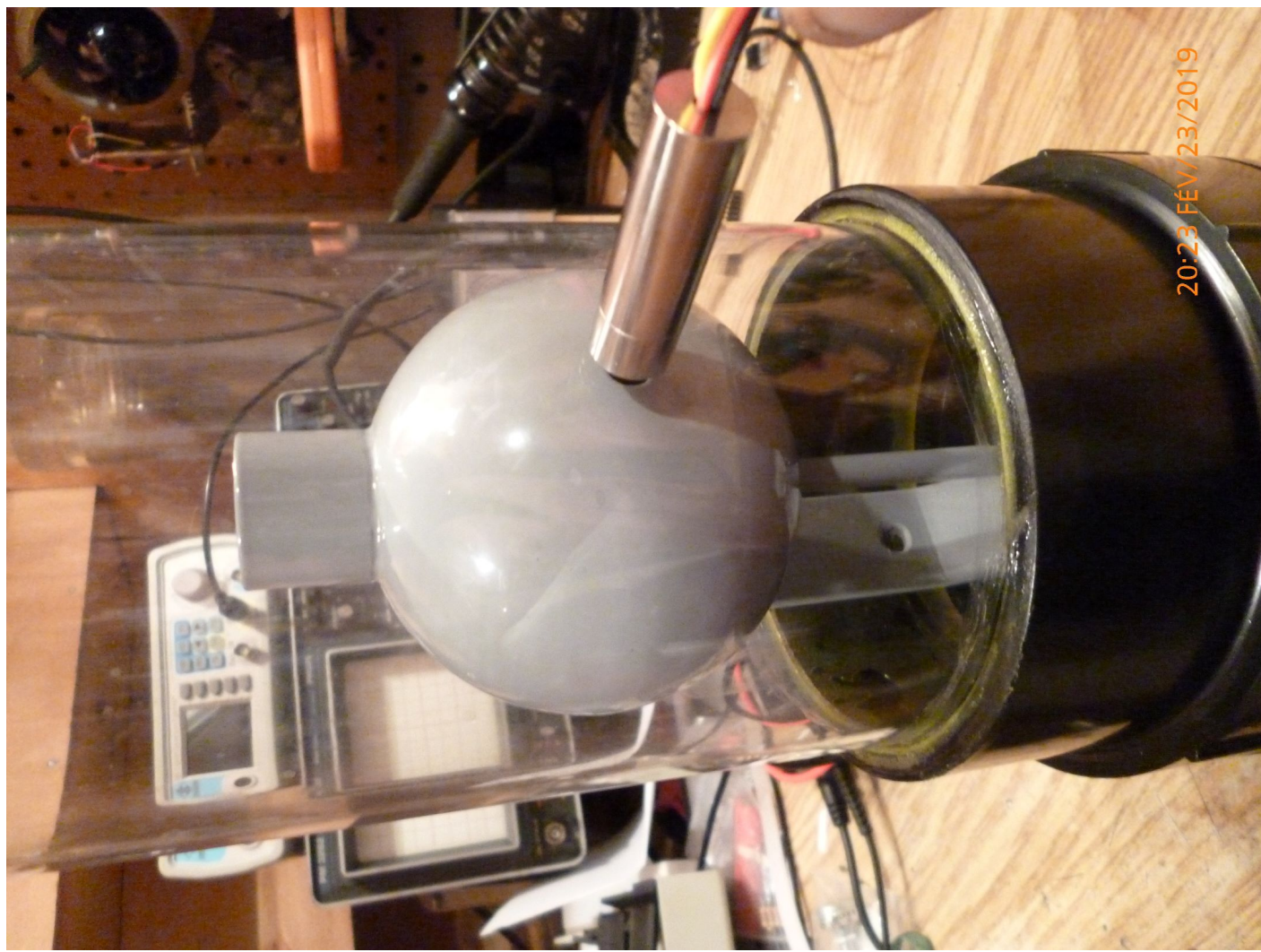
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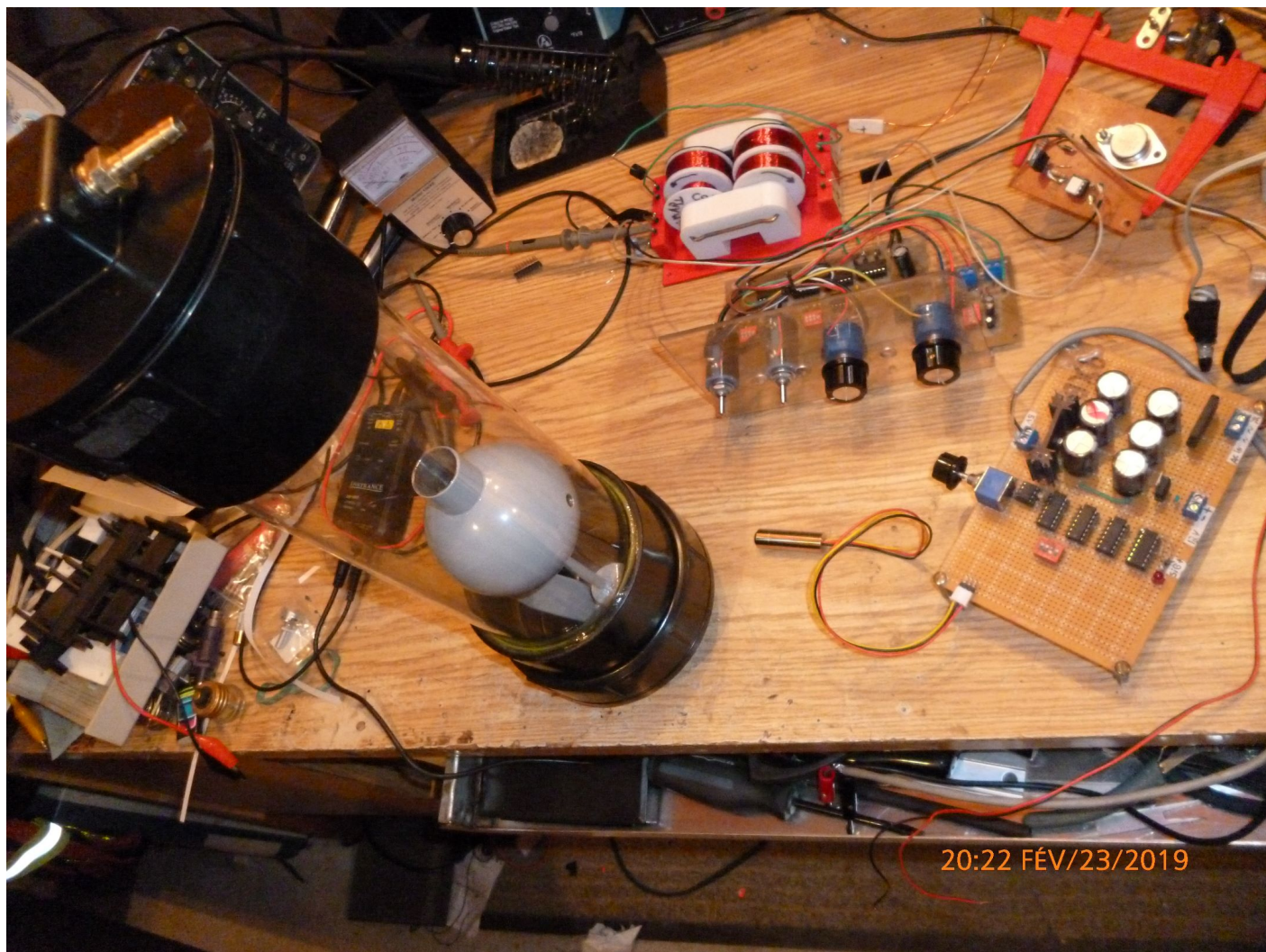




a hole was provided on the outer shell to allow pulsed laser light injection.



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