

11-07-2009, 06:31 PM

[Peter Lindemann](#) 

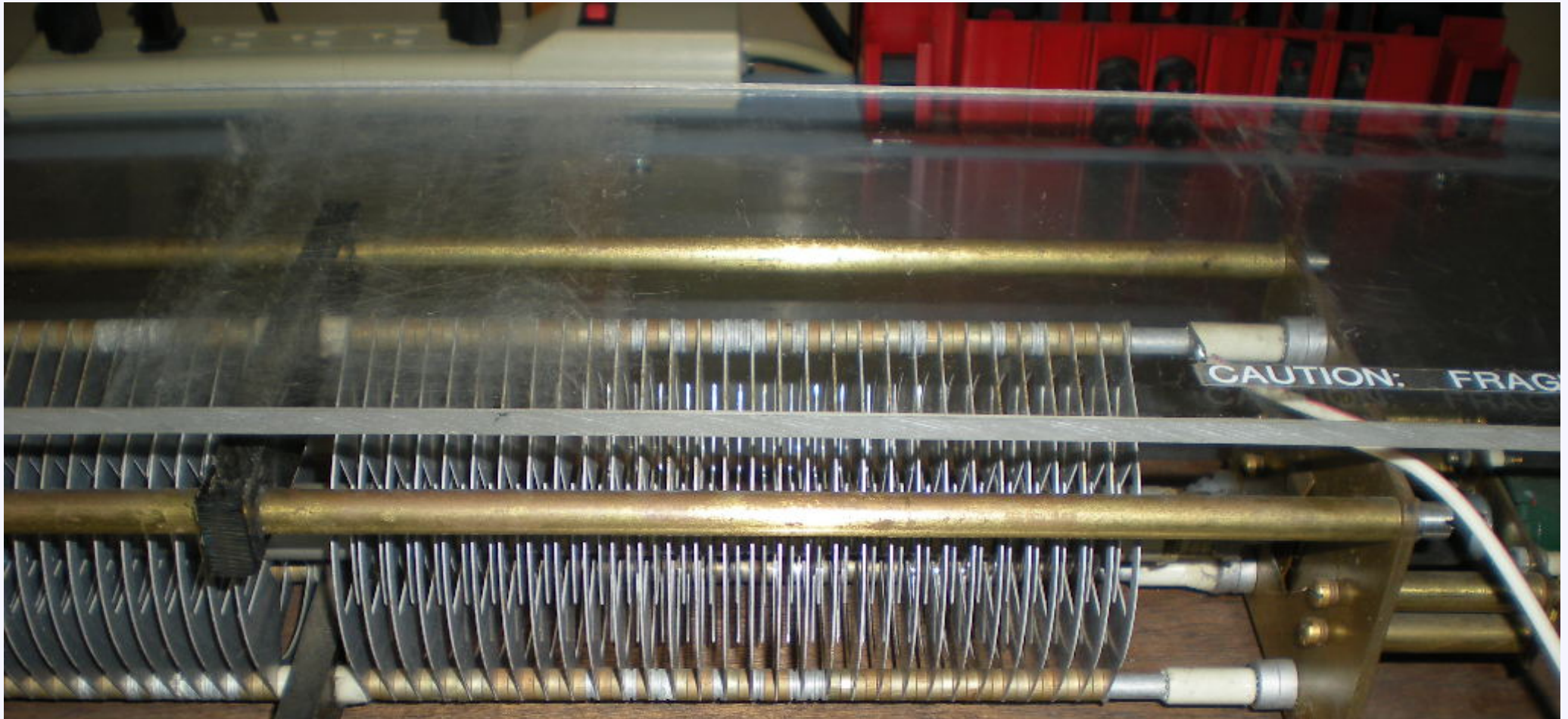
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Chris Carson's Variable Capacitance Generator

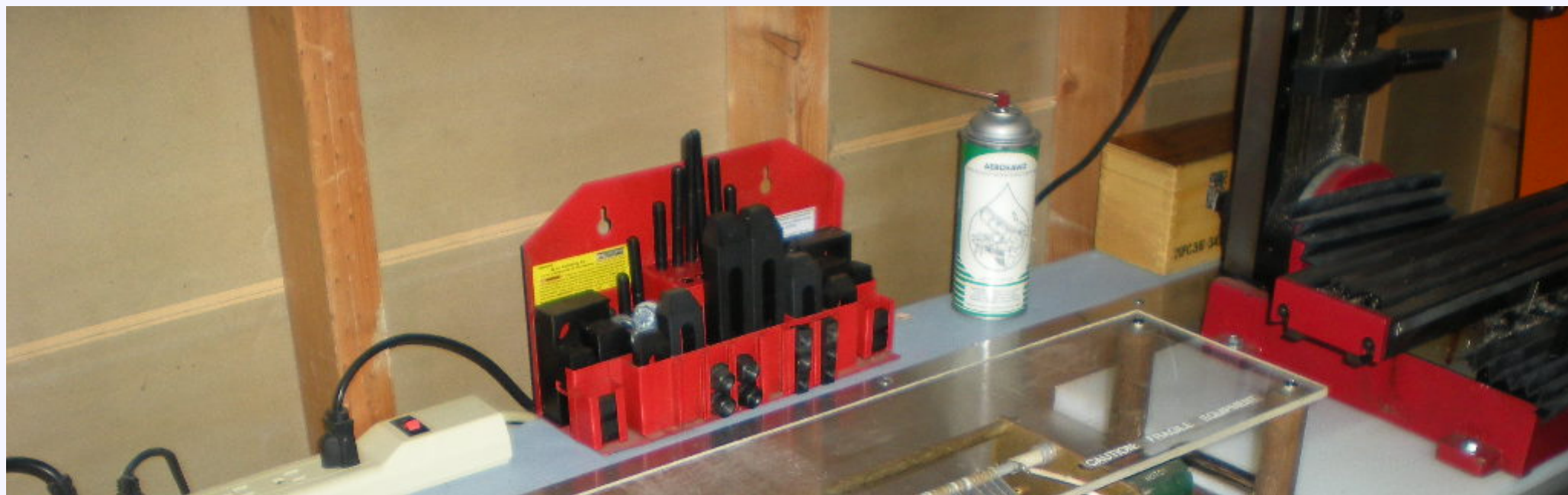
Hi Guys,

OK, here it is. Chris built beautiful models. The first picture shows Chris's name for the machine.





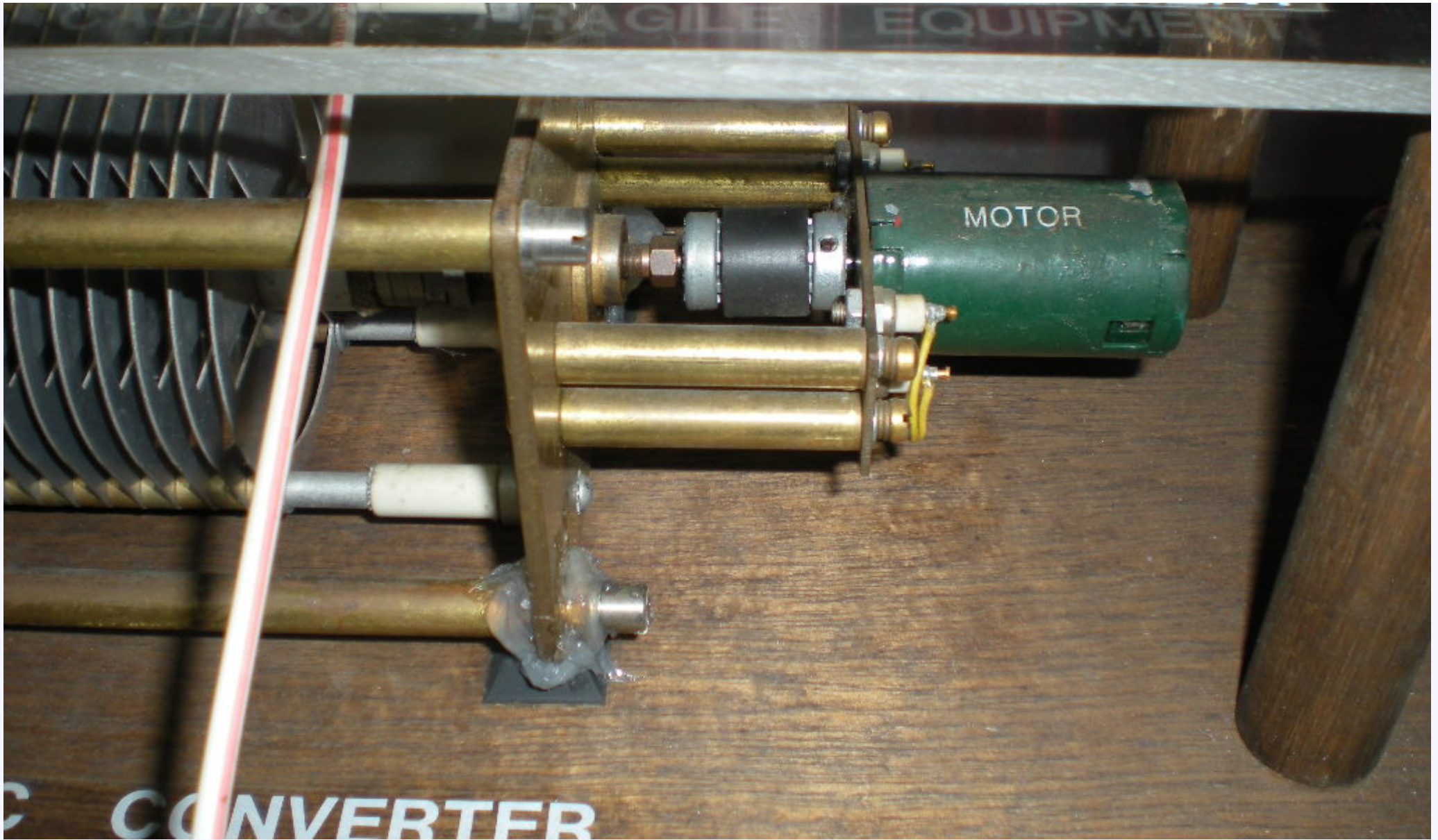
The second picture shows an oblique view of the whole machine. Total length of the machine is about 24 inches long, while the mounting base is about 30 inches long. The little green device at the far end is the DC drive motor used to rotate the plates.



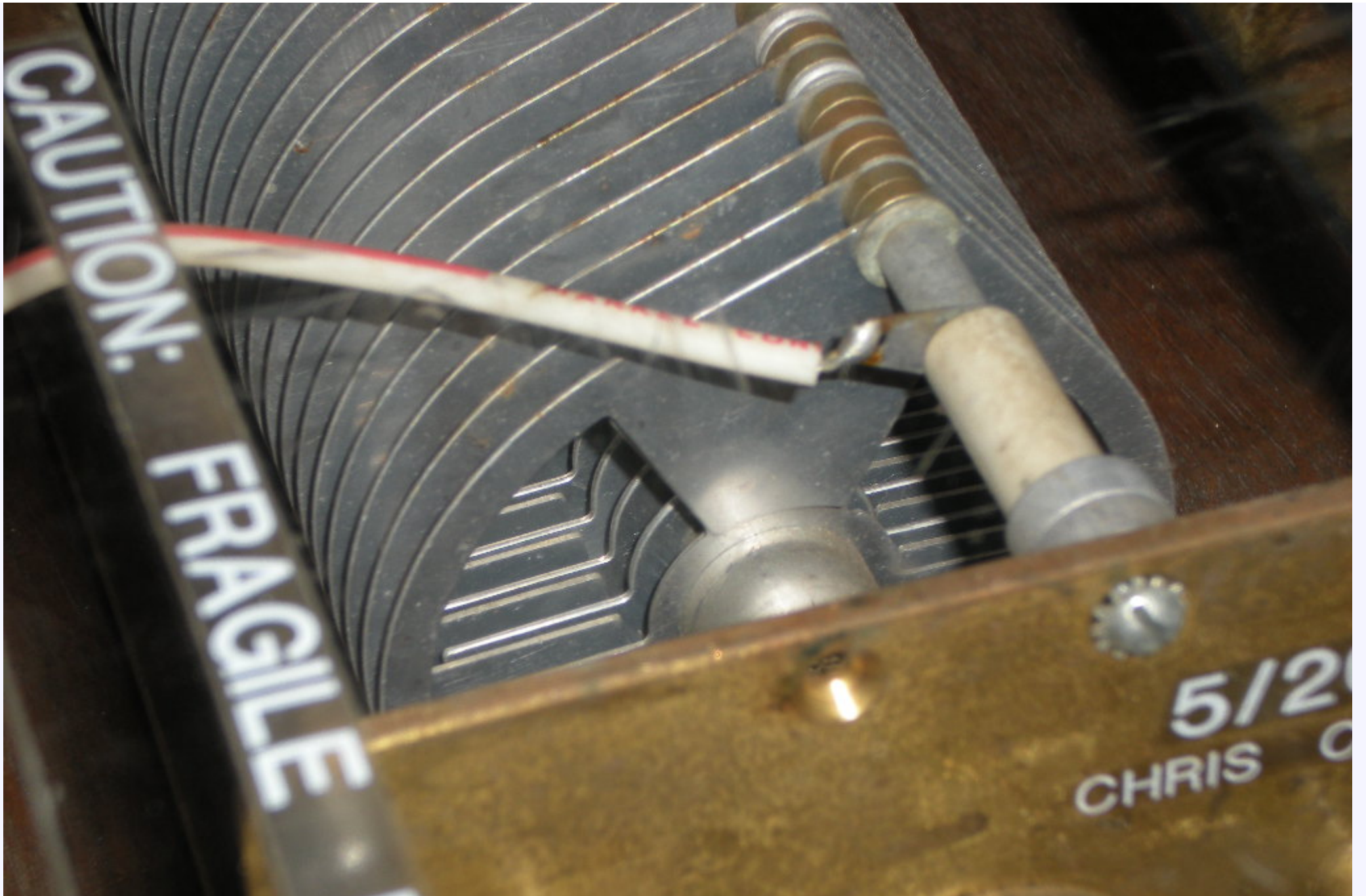


The third picture shows the motor drive unit. The motor is a DC brush type, with a permanent magnet field. It is 2.125 inches long and 1.25 inches in diameter.



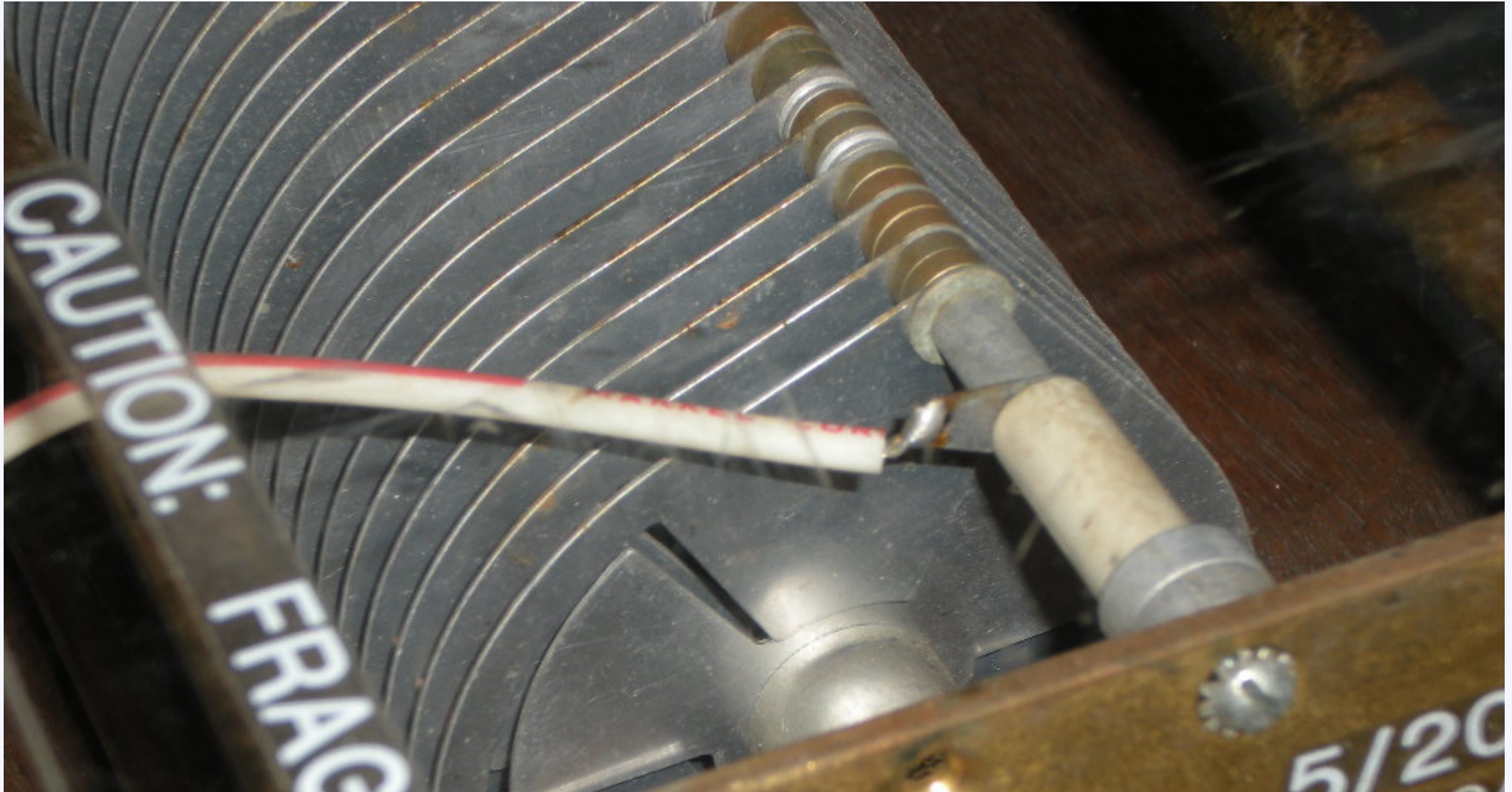


The fourth picture shows an end view when the rotor plates are in alignment with the stator plates. This is the position for highest capacitance in that section.



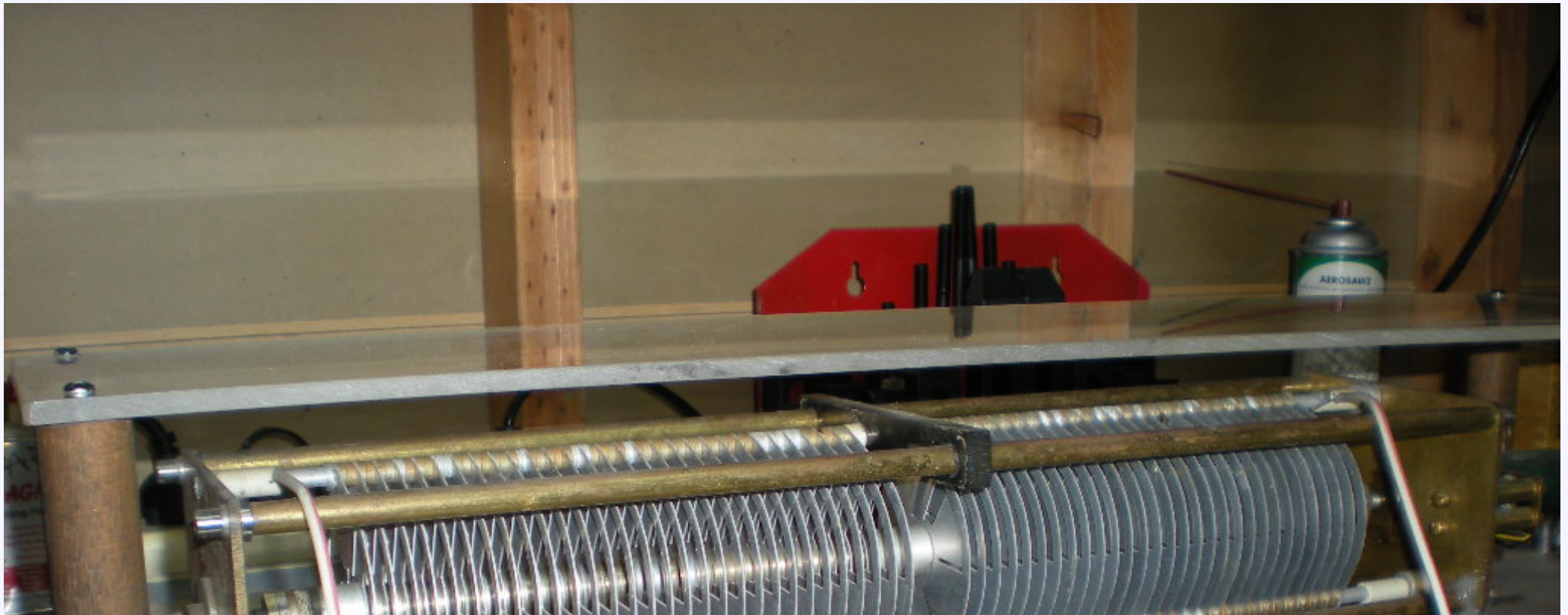


The fifth picture shows an end view when the rotor plates are out of alignment with the stator plates. This is the position for lowest capacitance in that section.





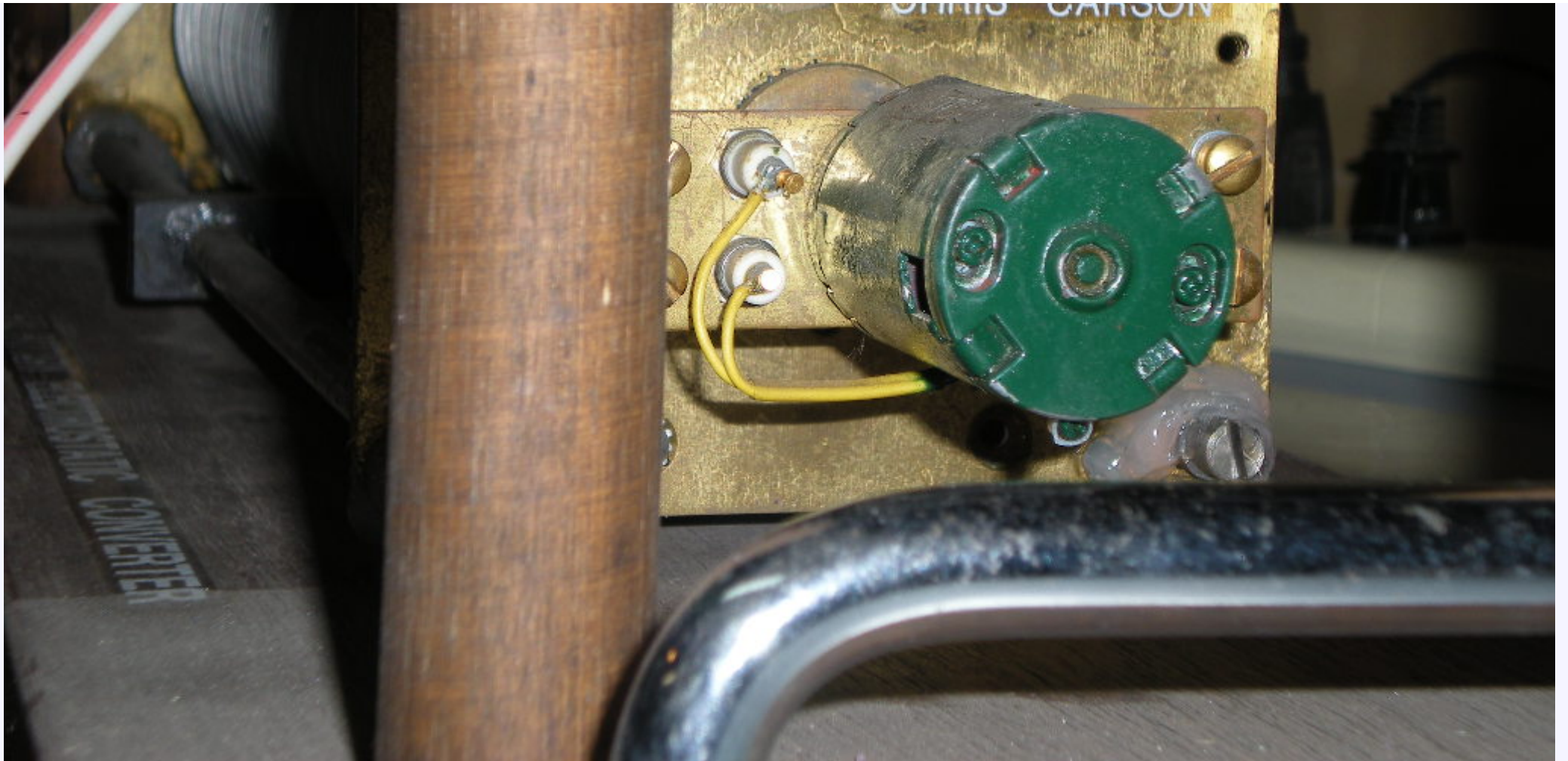
The sixth picture shows another, lower angle shot of the whole machine. It also shows how one section is out of phase with the other.





The last picture shows the end plate with Chris's name and the date the machine first ran, May 20, 1988.





Enjoy,

Peter

Last edited by Peter Lindemann; 11-08-2009 at 05:50 PM.