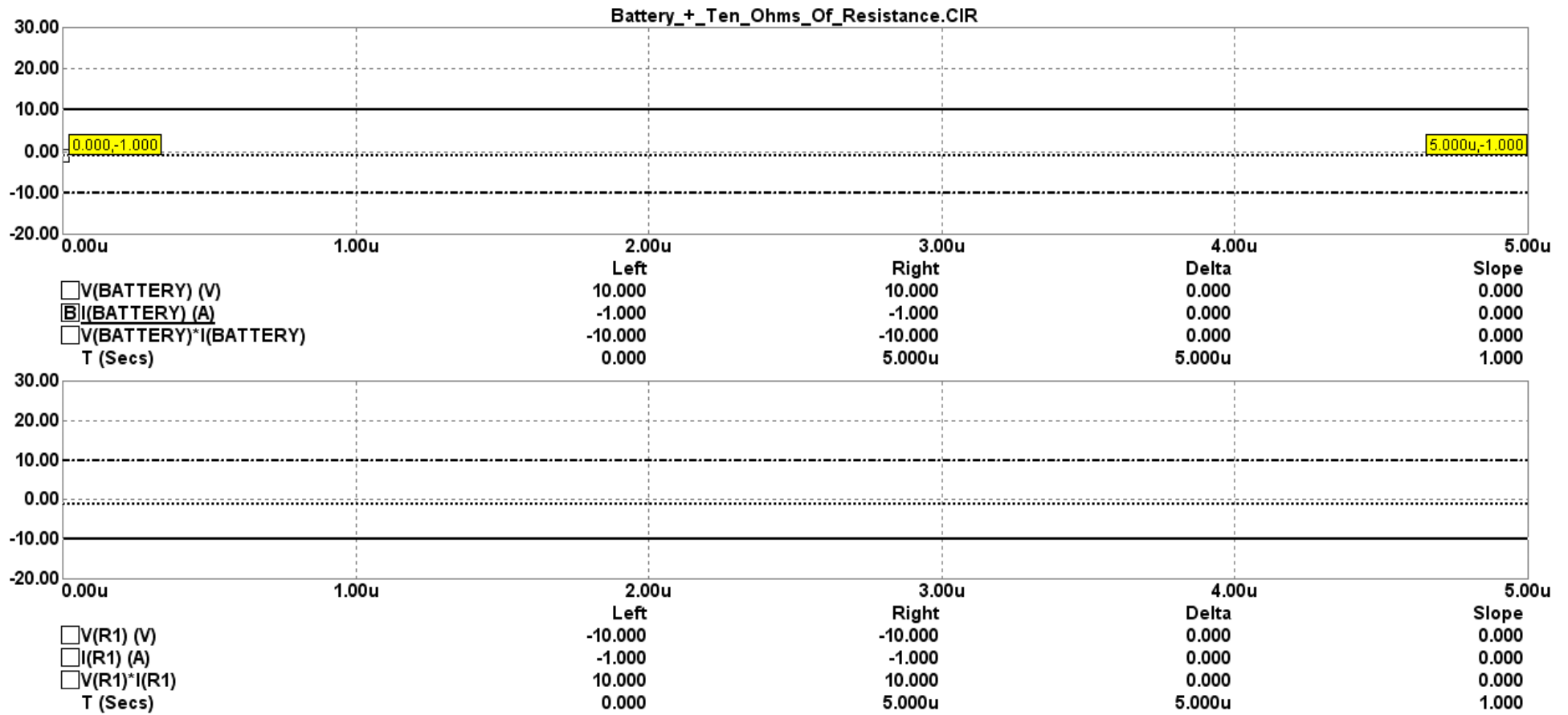


FIG. 1



**FIG. 2**

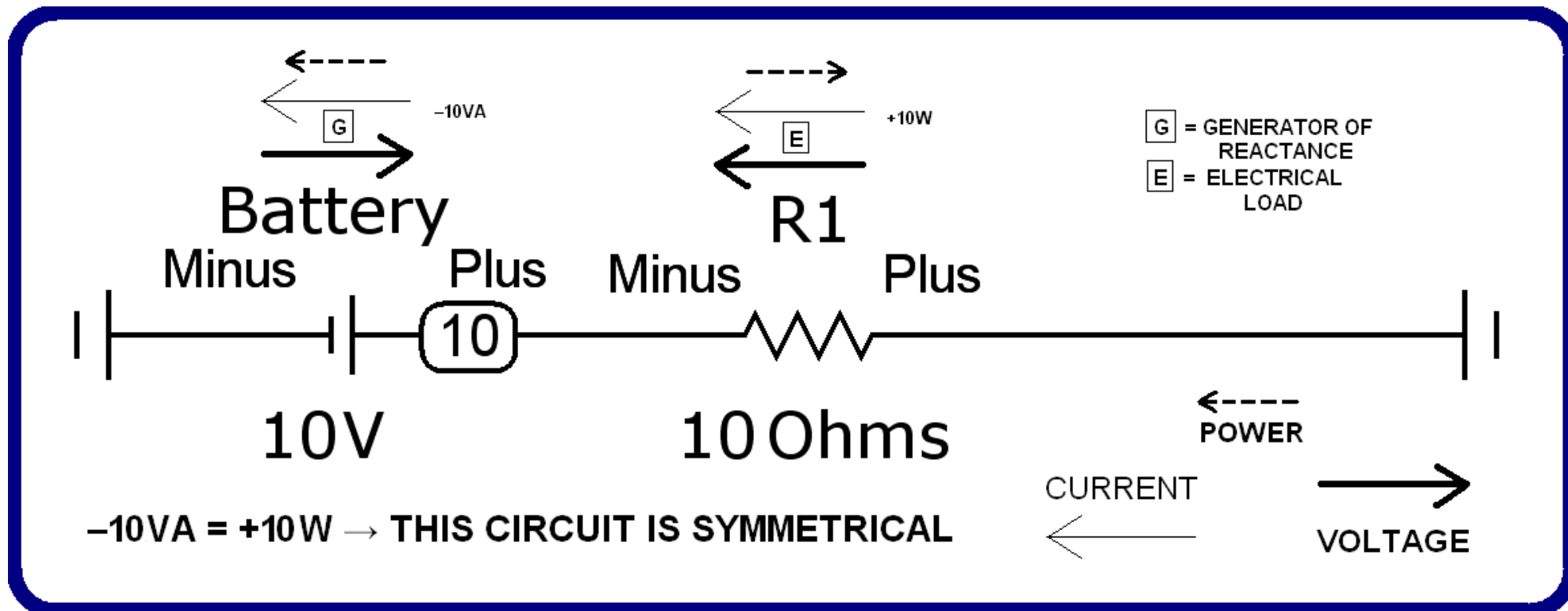


FIG. 3

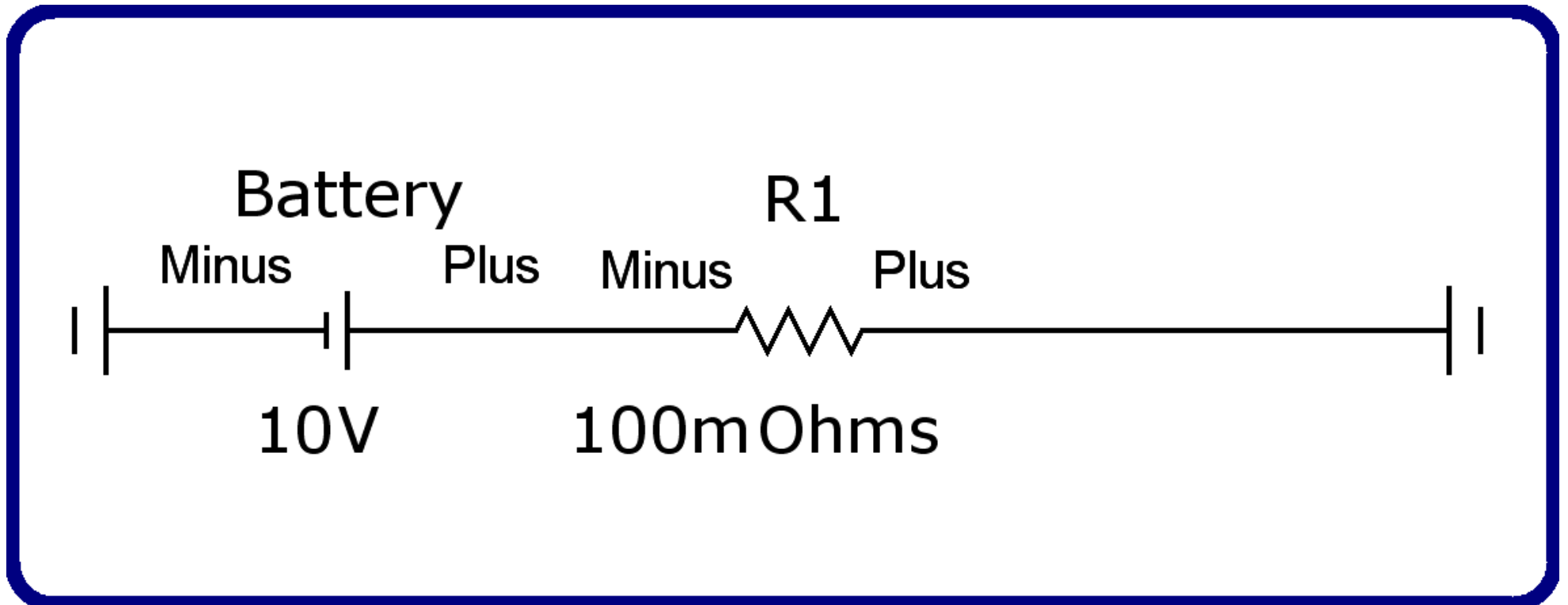
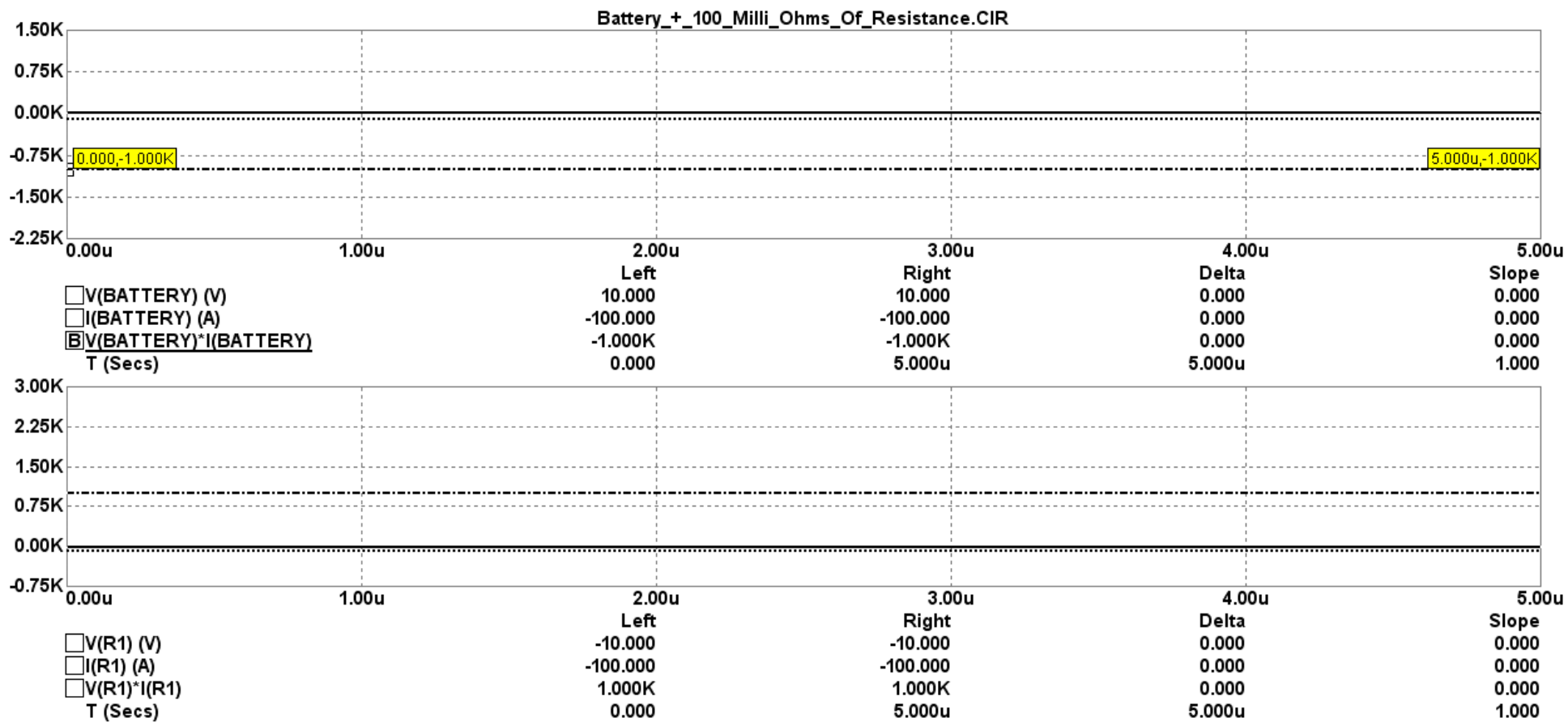


FIG. 4



**FIG. 5**

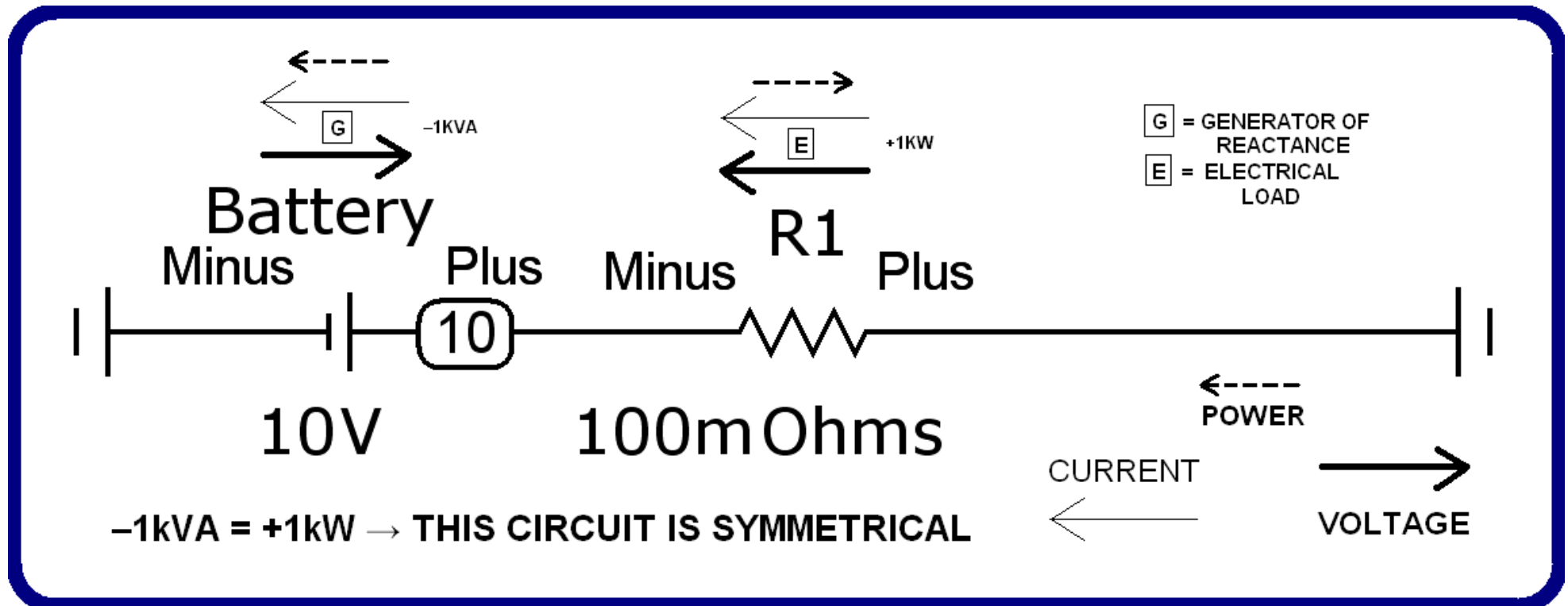


FIG. 6

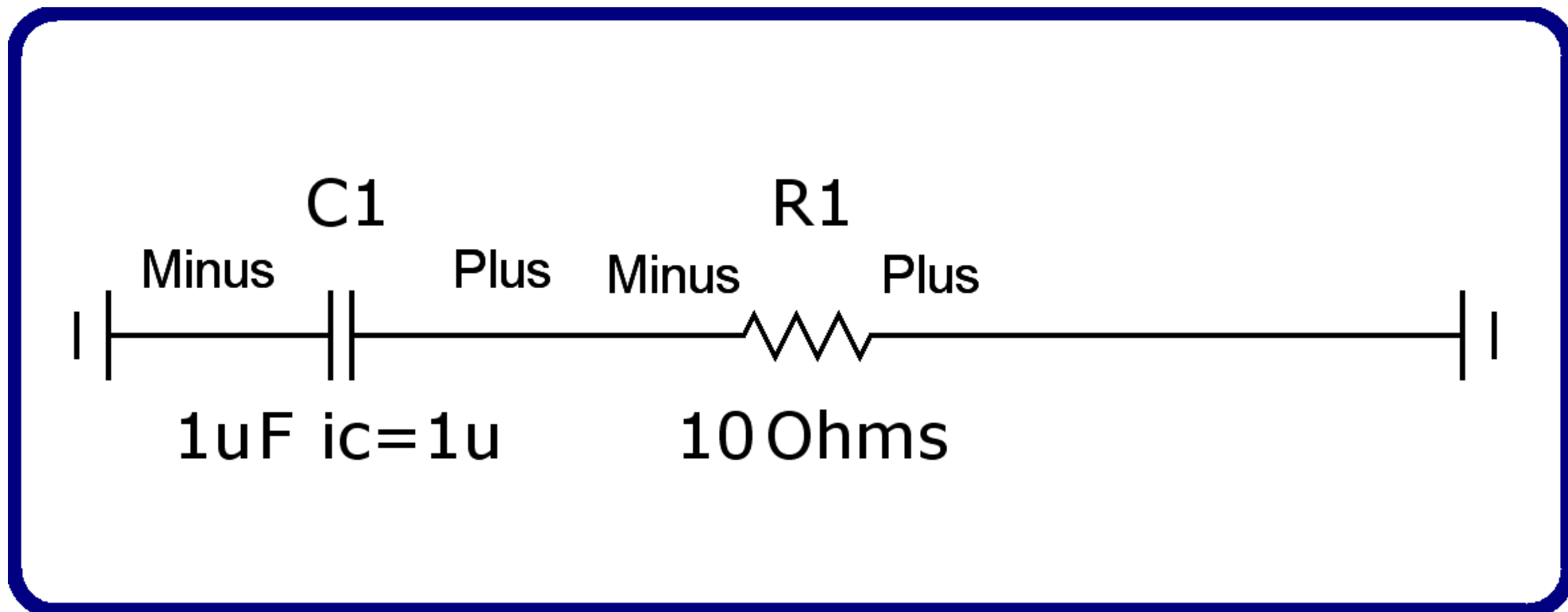
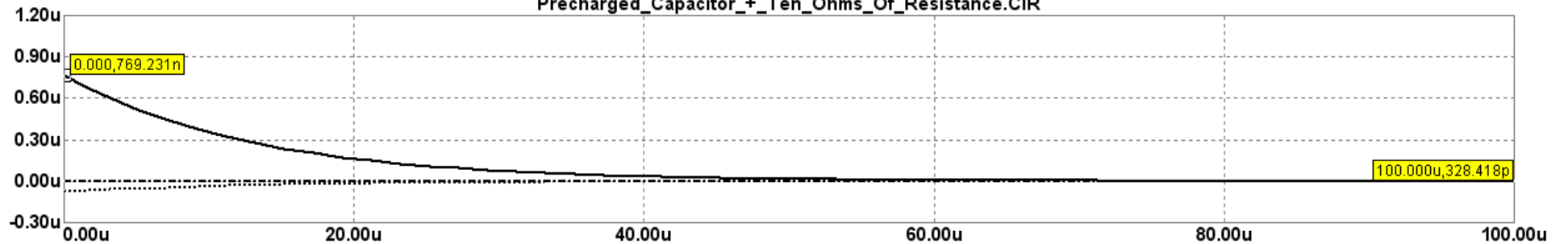
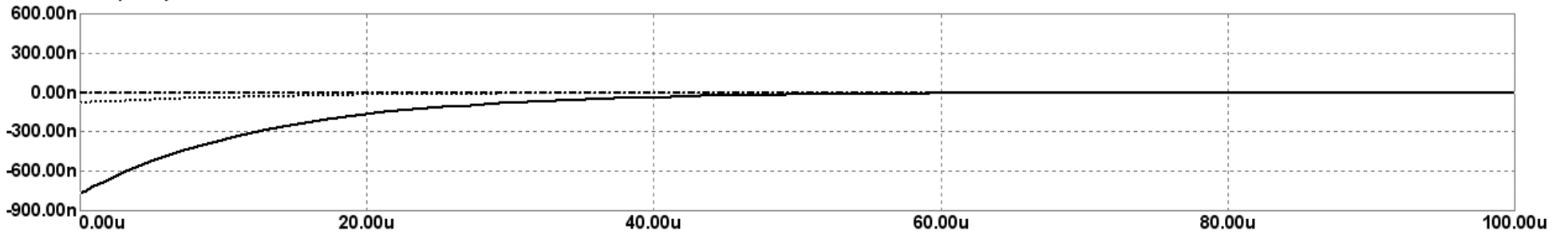


FIG. 7

Precharged\_Capacitor + Ten\_Ohms\_Of\_Resistance.CIR



	Left	Right	Delta	Slope
V(C1) (V)	769.231n	328.418p	-768.902n	-7.689m
I(C1) (A)	-76.923n	-32.842p	76.890n	768.902u
V(C1)*I(C1)	-59.172f	-1.079E-20	59.172f	591.716p
T (Secs)	0.000	100.000u	100.000u	1.000



	Left	Right	Delta	Slope
V(R1) (V)	-769.231n	-328.418p	768.902n	7.689m
I(R1) (A)	-76.923n	-32.842p	76.890n	768.902u
V(R1)*I(R1)	59.172f	1.079E-20	-59.172f	-591.716p
T (Secs)	0.000	100.000u	100.000u	1.000

FIG. 8



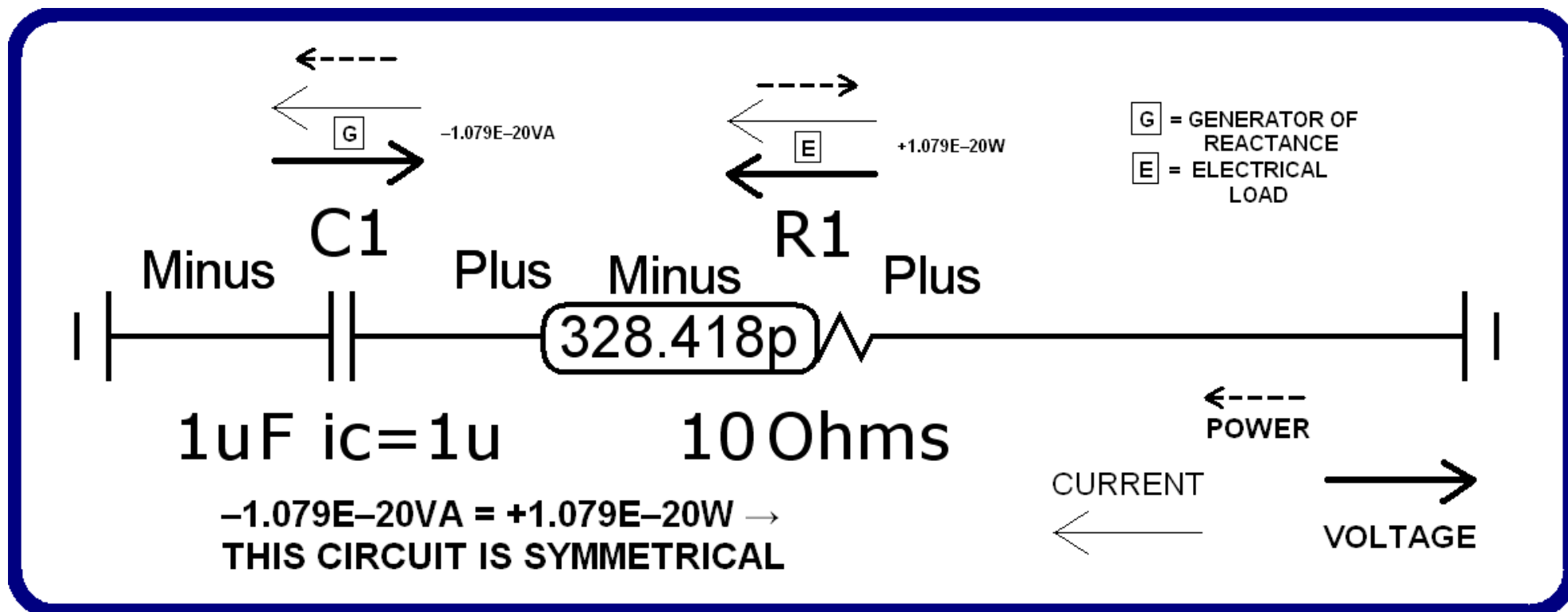


FIG. 9

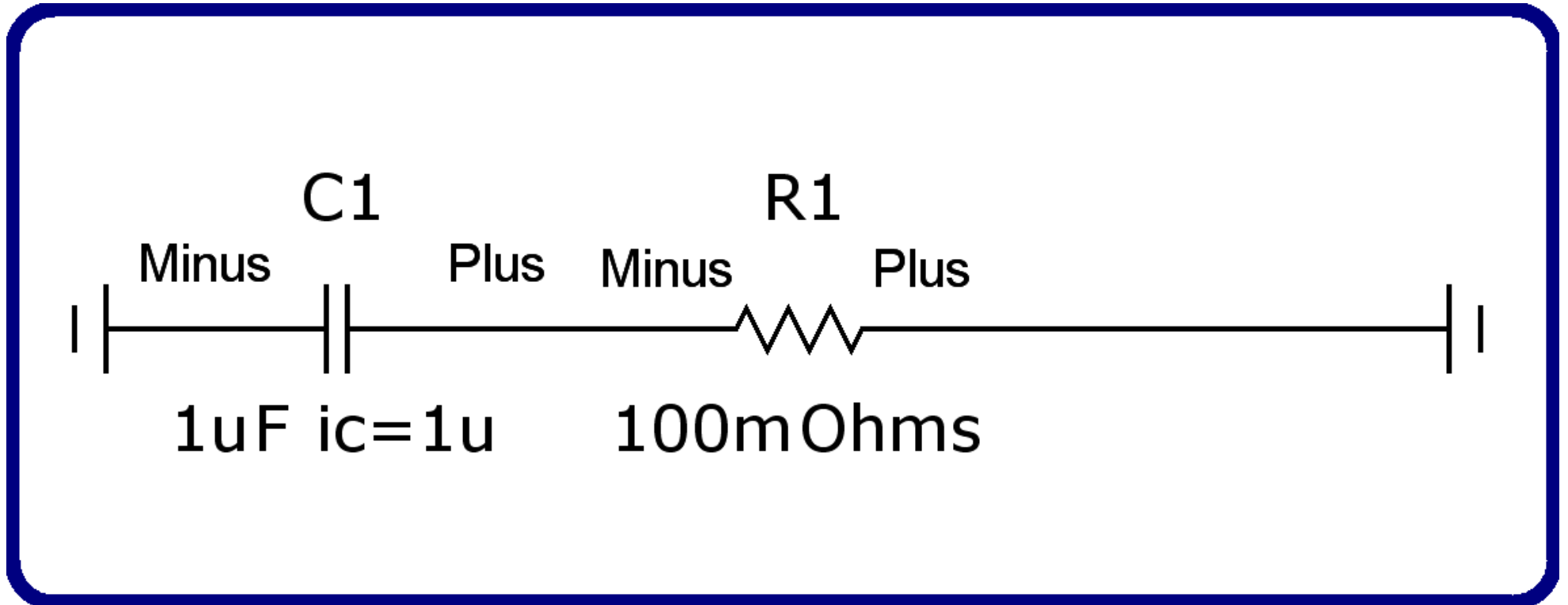


FIG. 10

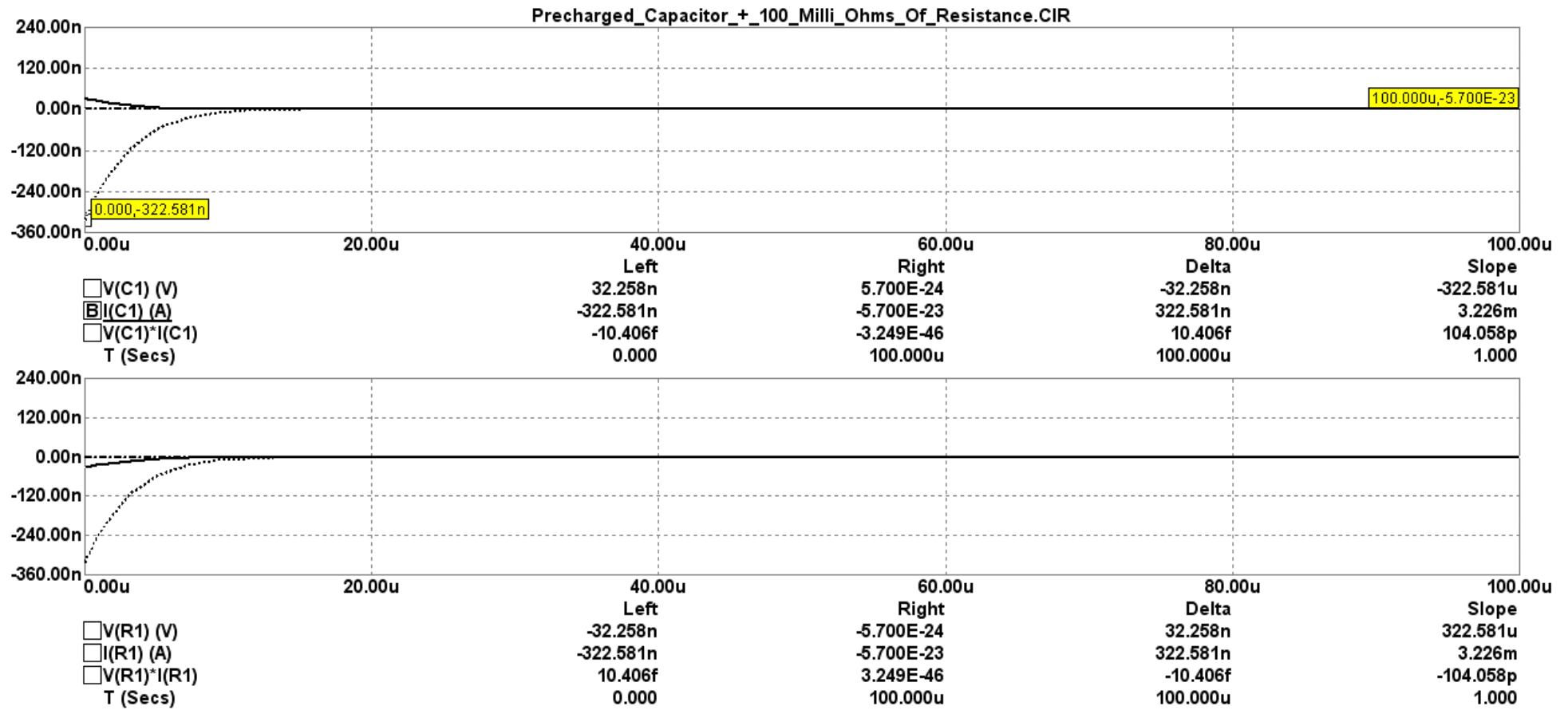


FIG. 11

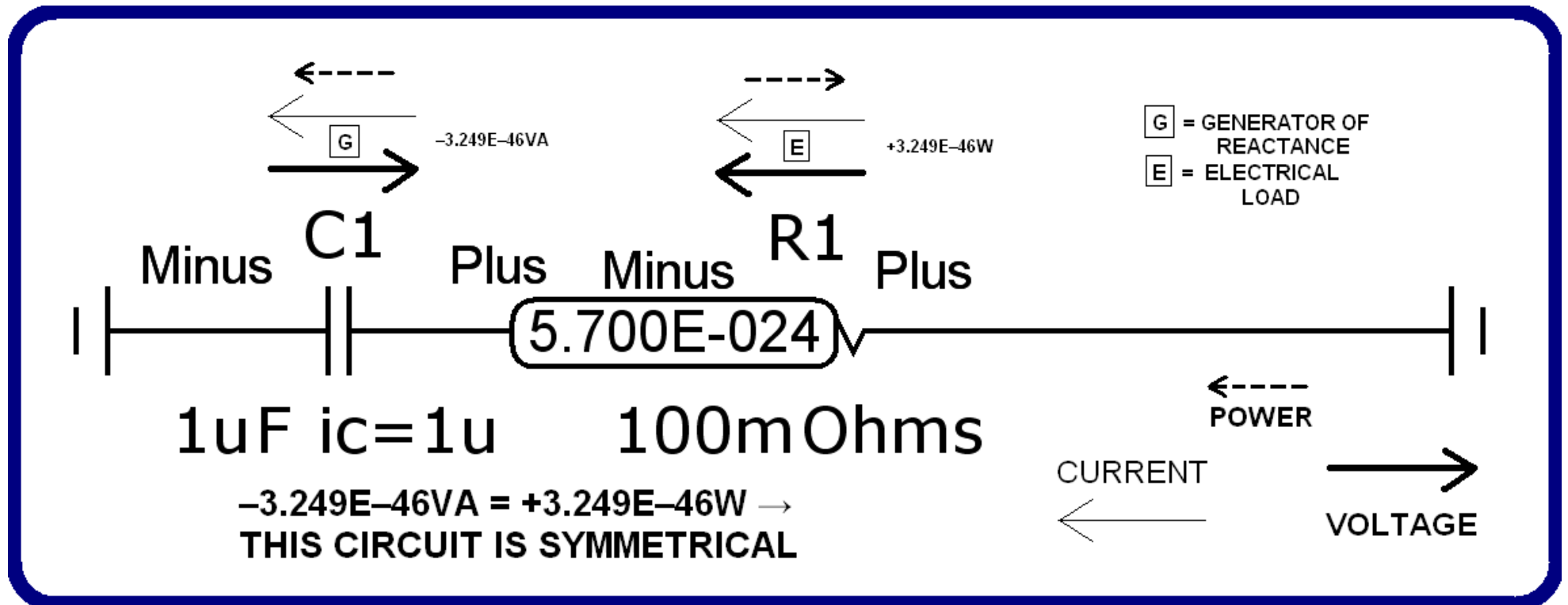


FIG. 12

## NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

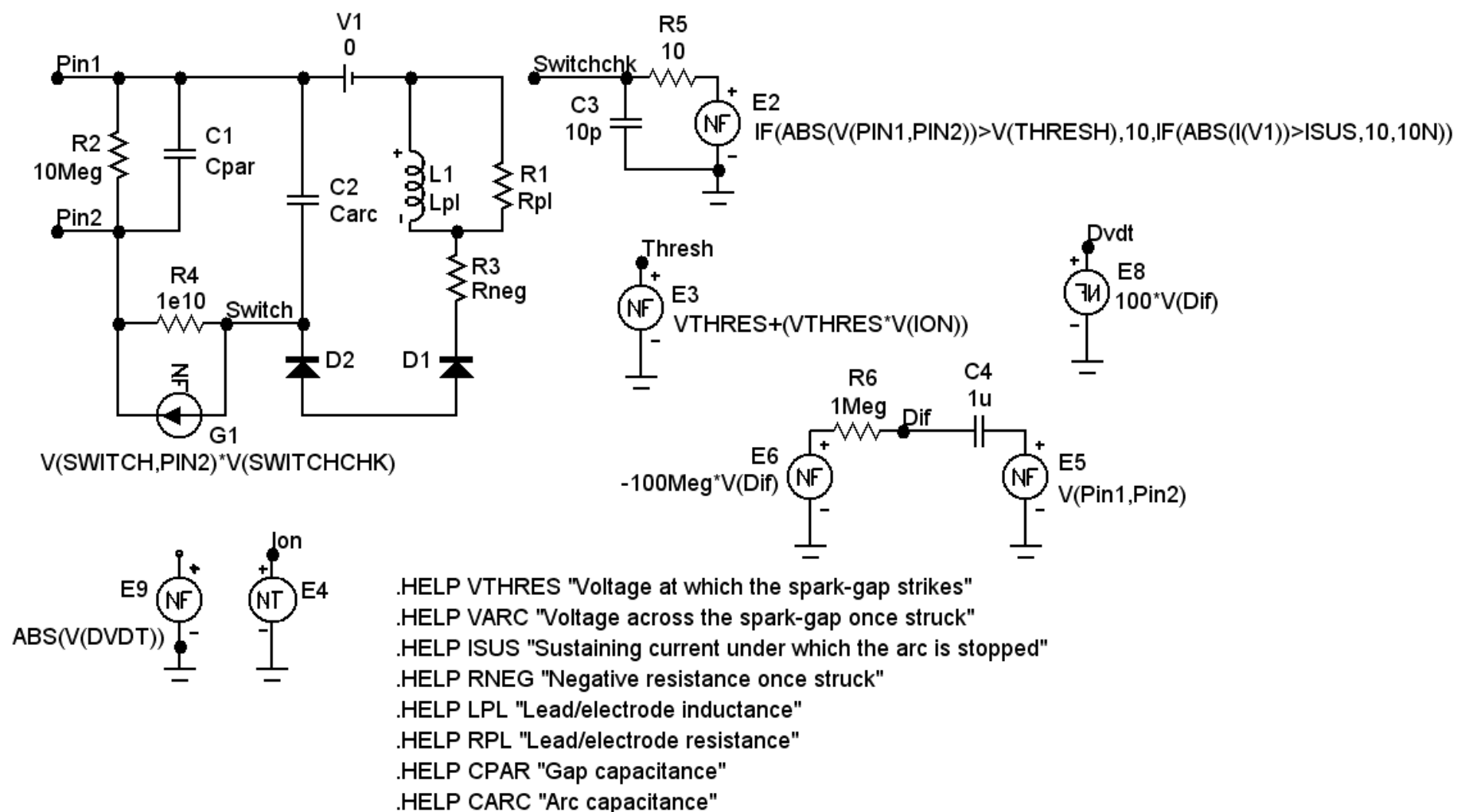


FIG. 13

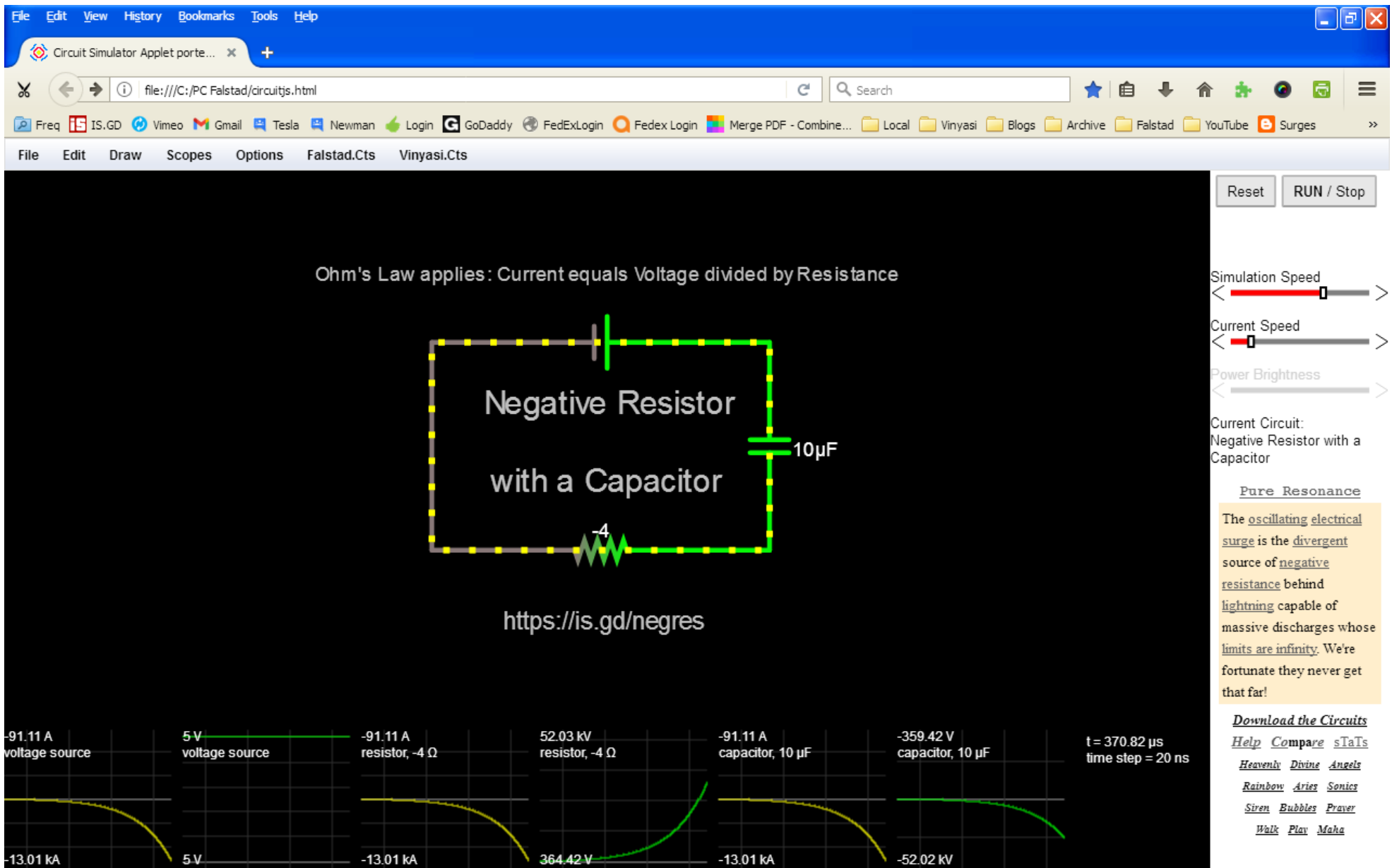


FIG. 14

### NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

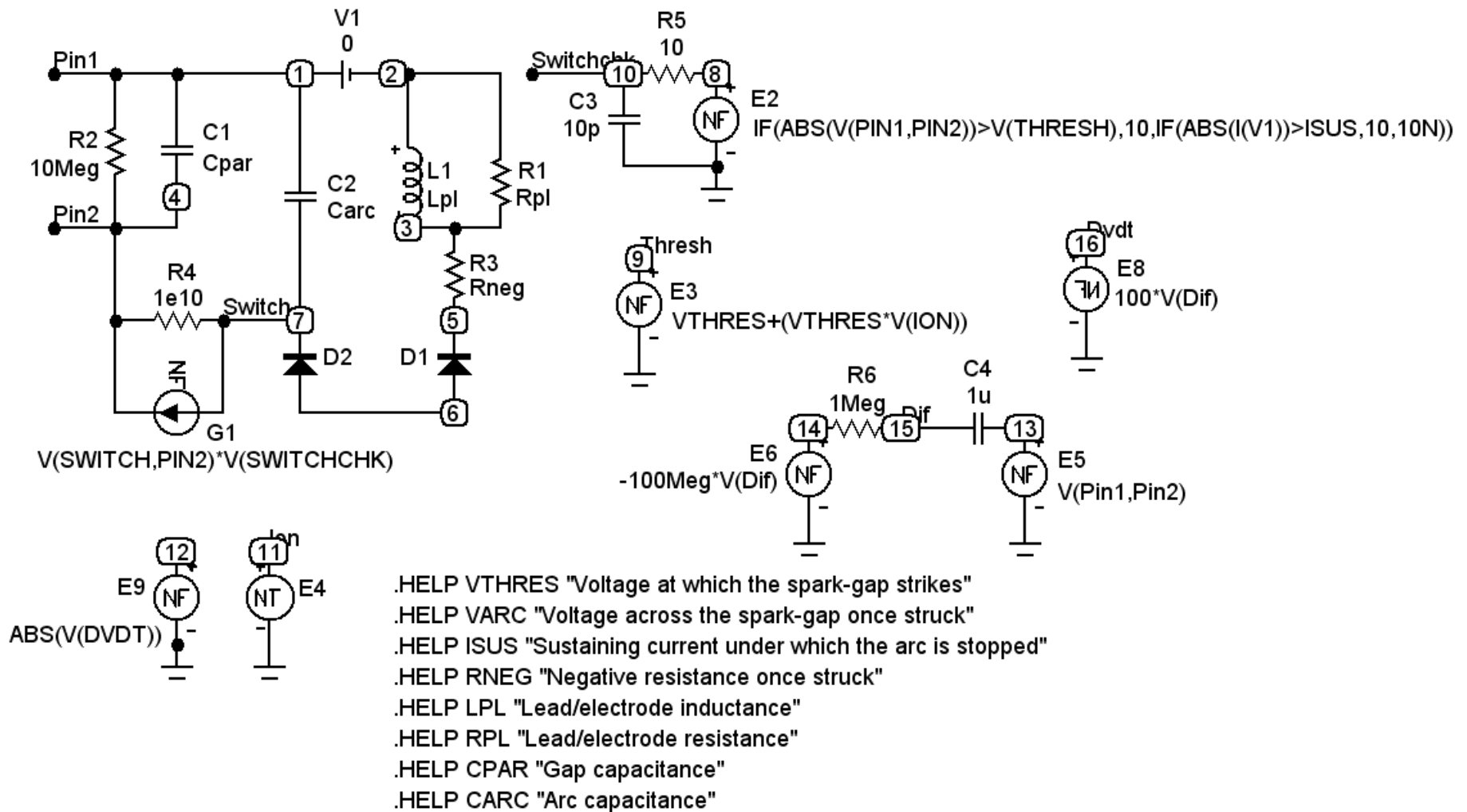
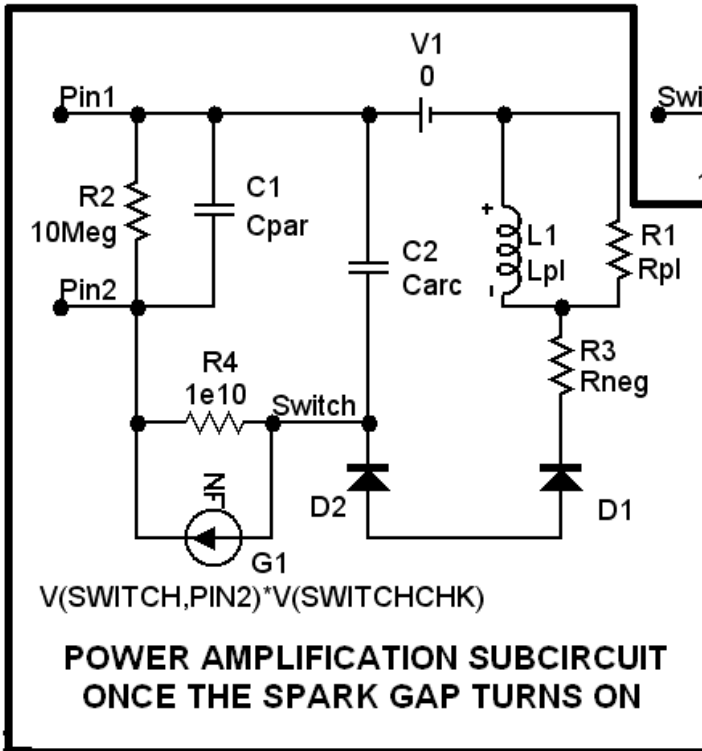


FIG. 15

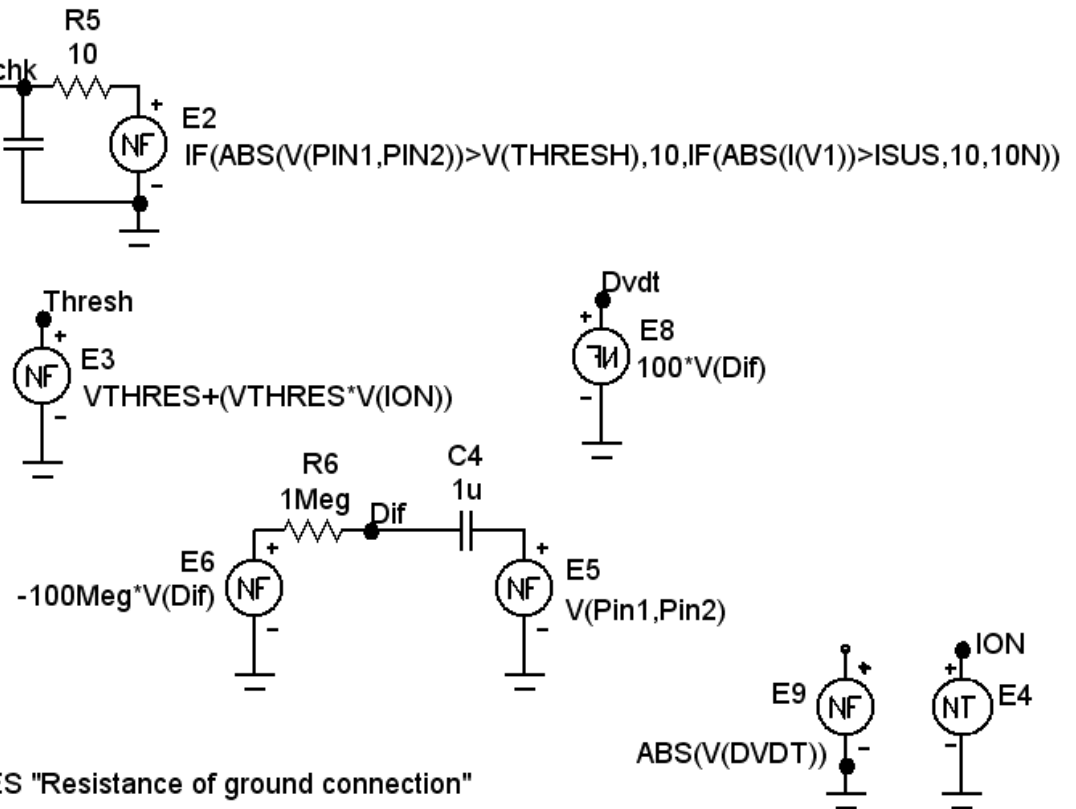
# SPARKGAP MACRO

.PARAMETERS(GRES=1,VTHRES=90,VARC=10,ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)



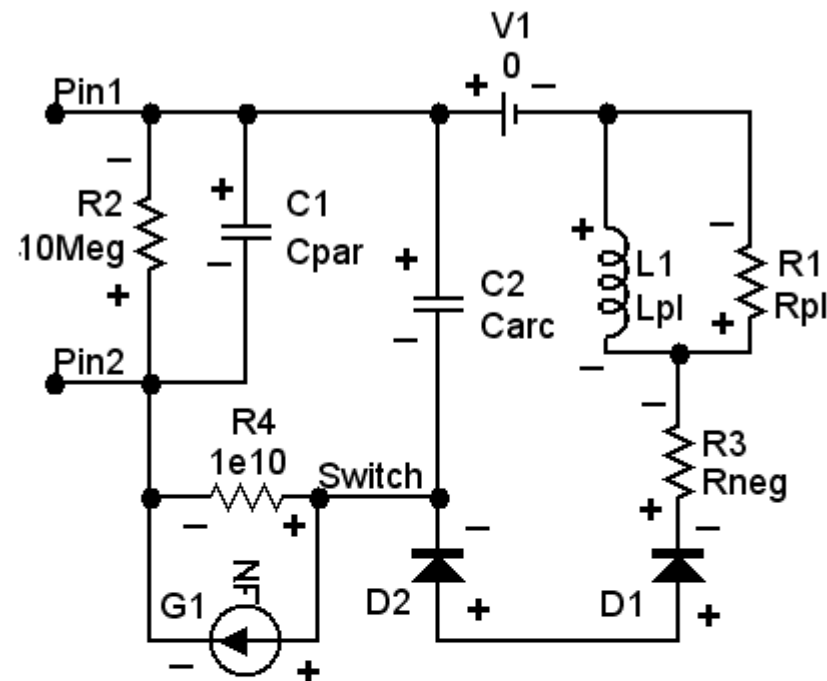
**EVERYTHING ELSE OUTSIDE  
OF THIS SUBCIRCUIT, ABOVE,  
MERELY DETERMINES WHEN  
TO TURN ON THIS SPARK GAP  
BEYOND ITS THRESHOLD OF  
RESISTANCE.**

- .HELP GRES "Resistance of ground connection"
- .HELP VTHRES "Voltage at which the spark-gap strikes"
- .HELP VARC "Voltage across the spark-gap once struck"
- .HELP ISUS "Sustaining current under which the arc is stopped"
- .HELP RNEG "Negative resistance once struck"
- .HELP LPL "Lead/electrode inductance"
- .HELP RPL "Lead/electrode resistance"
- .HELP CPAR "Gap capacitance"
- .HELP CARC "Arc capacitance"



**FIG. 16**





$$V(\text{SWITCH}, \text{PIN2}) * V(\text{SWITCHCHK})$$

**Each component is labeled with either a positive or negative polarity to reference the polarity of its output. So, a negative current is coming out of a negative label while a positive current is located at a positive label.**

**FIG. 17**

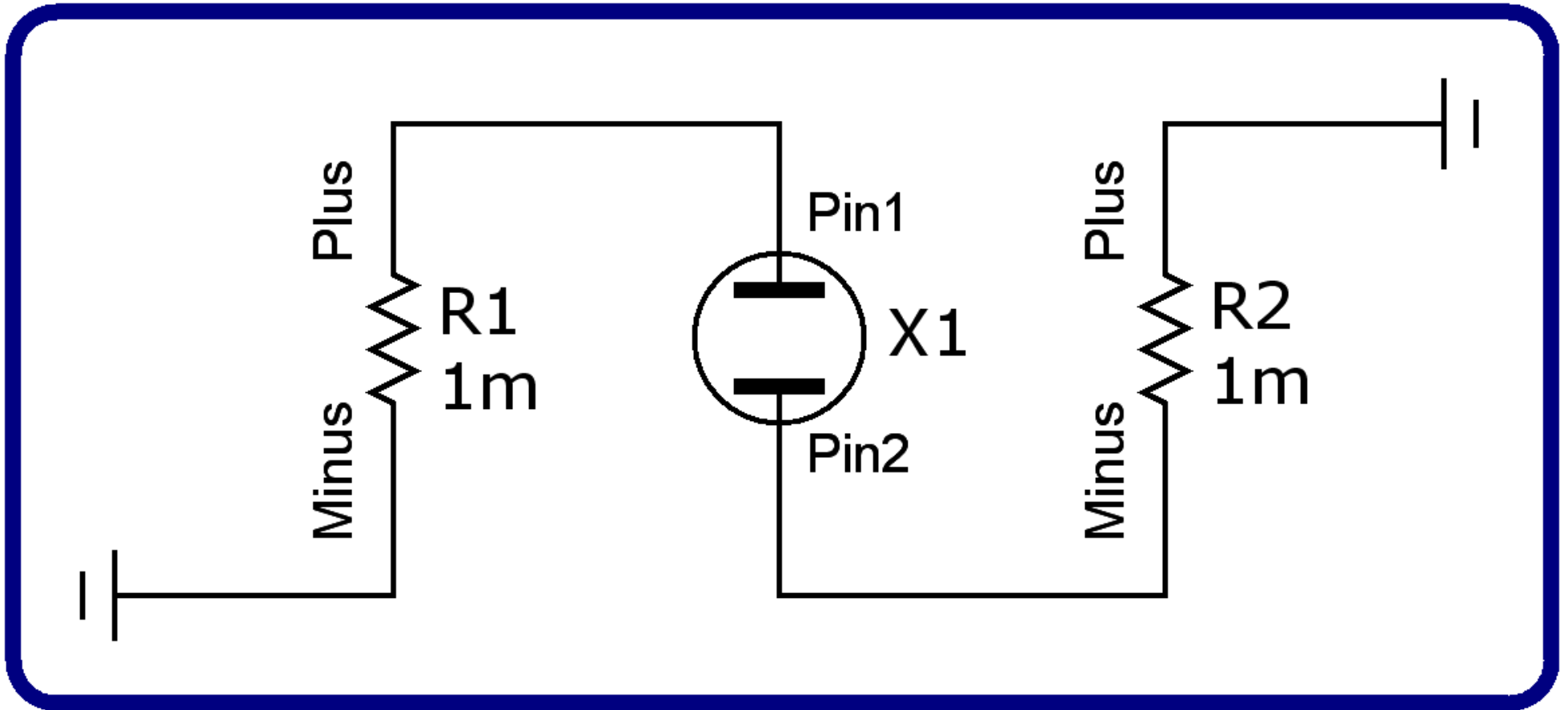


FIG. 18

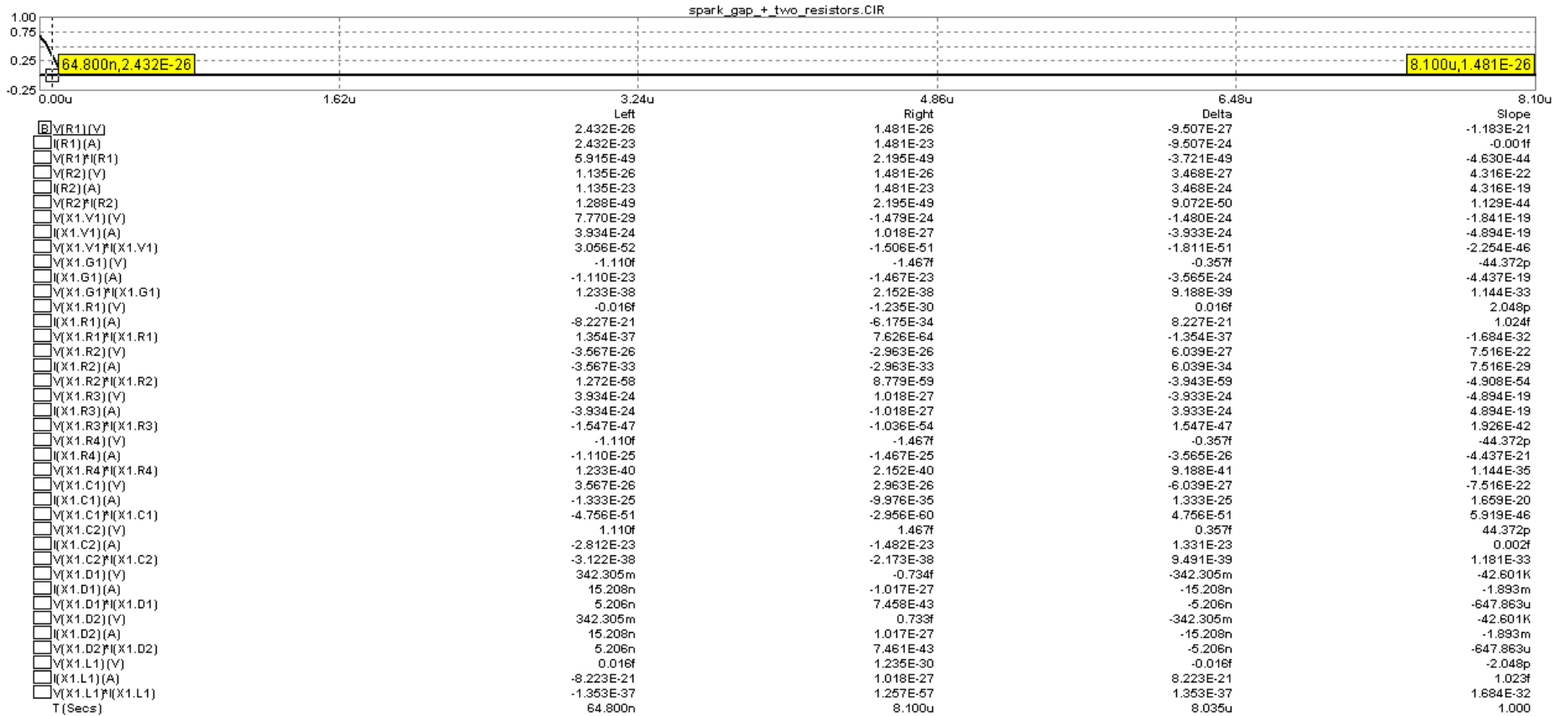


FIG. 19

## NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

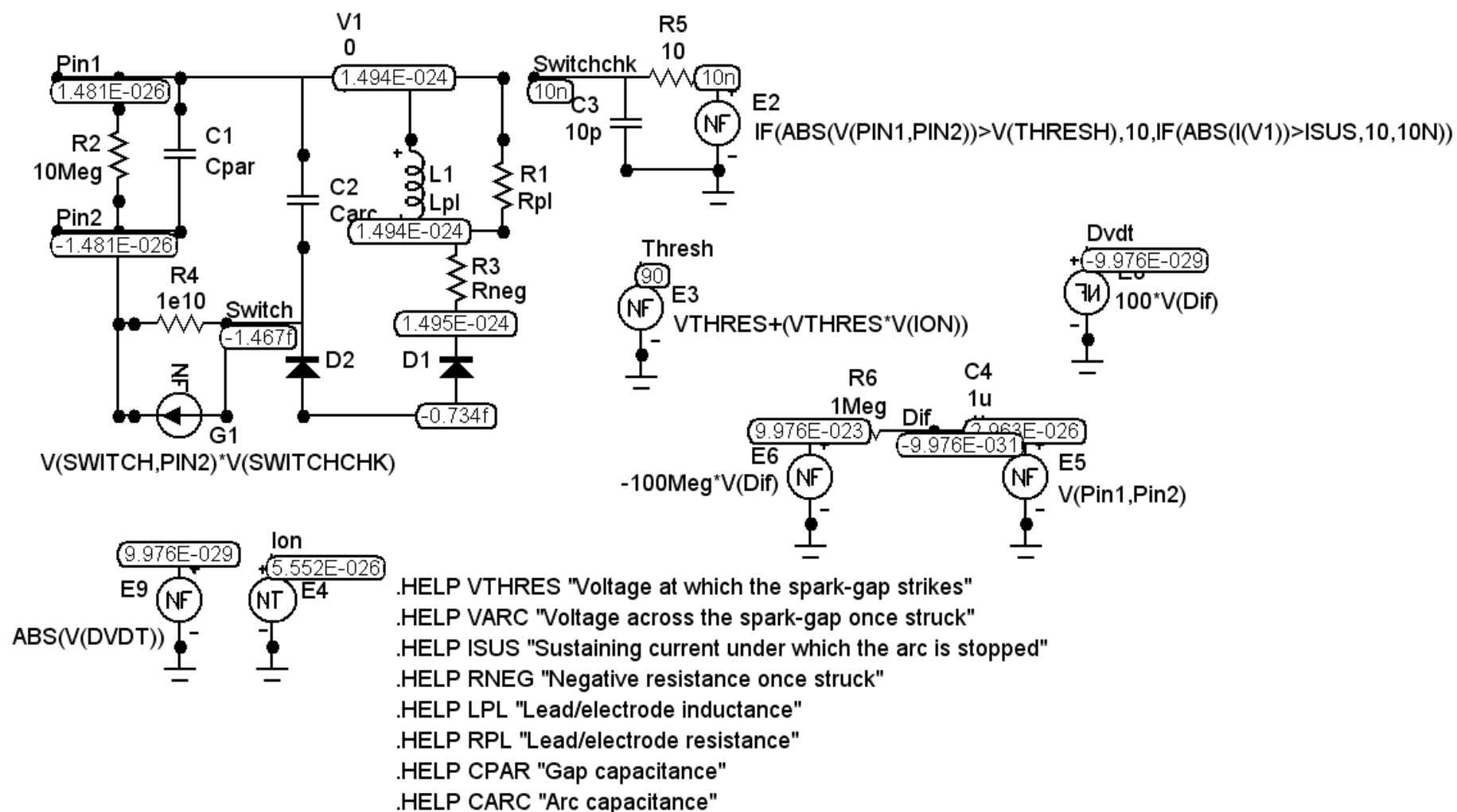
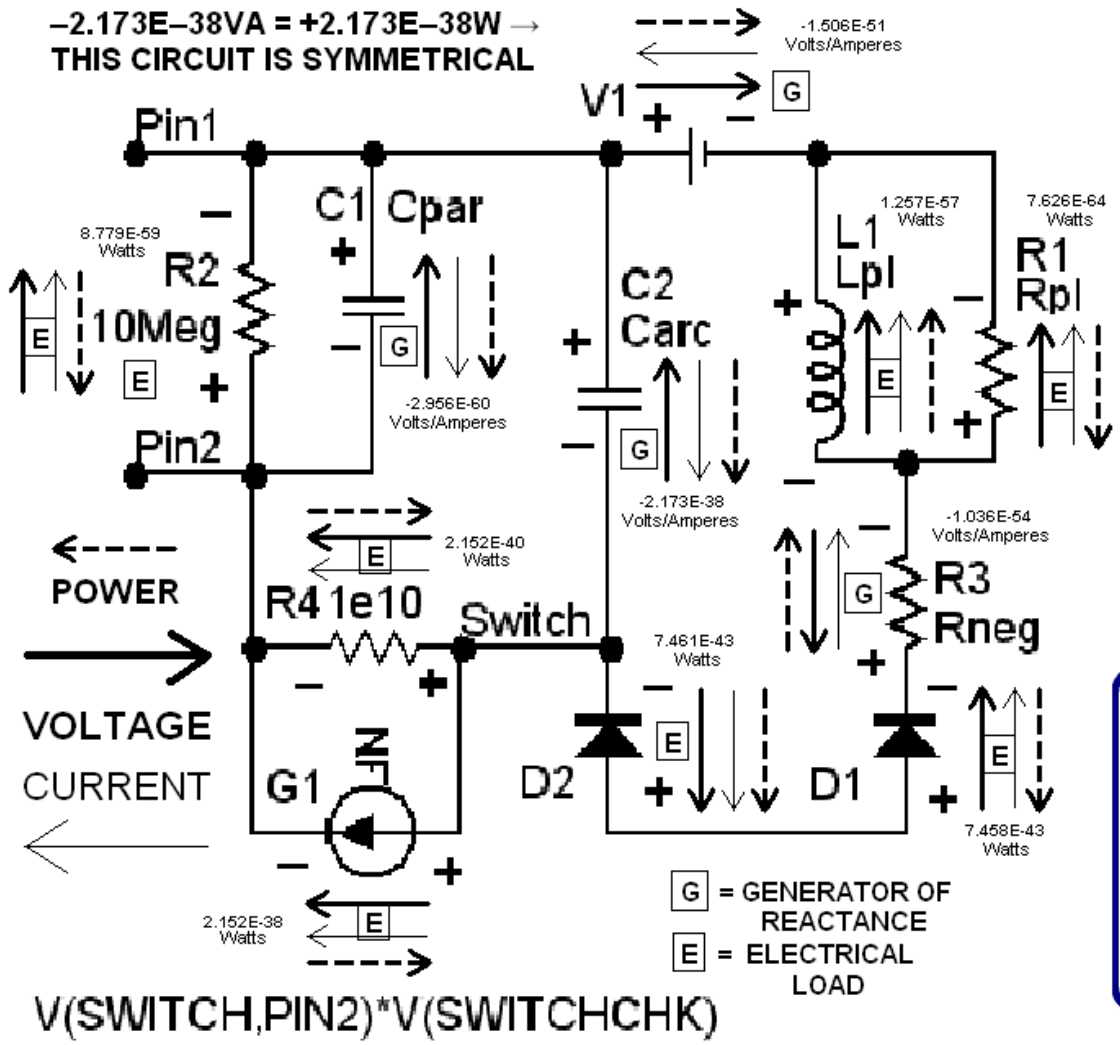


FIG. 20



G	-2.173E-38	SUB-TOTALS	E	2.152E-38
Volts/Amperes	-1.506E-51		Watts	2.152E-40
	-1.036E-54			7.458E-43
	-2.956E-60			7.461E-43
	-2.173E-38			2.195E-49

1.481E-26	V(R1)(V)	-1.467E-25	V(X1.R4)(V)
1.481E-23	I(R1)(A)	-1.467E-25	I(X1.R4)(A)
2.195E-49	V(R1)*I(R1)	2.152E-40	V(X1.R4)*I(X1.R4)
1.481E-26	V(R2)(V)	2.963E-26	V(X1.C1)(V)
1.481E-23	I(R2)(A)	-9.976E-35	I(X1.C1)(A)
2.195E-49	V(R2)*I(R2)	-2.956E-60	V(X1.C1)*I(X1.C1)
-1.479E-24	V(X1.V1)(V)	1.467E-25	V(X1.C2)(V)
1.018E-27	I(X1.V1)(A)	-1.482E-23	I(X1.C2)(A)
-1.506E-51	V(X1.V1)*I(X1.V1)	-2.173E-38	V(X1.C2)*I(X1.C2)
-1.467E-25	V(X1.G1)(V)	-0.734E-24	V(X1.D1)(V)
-1.467E-23	I(X1.G1)(A)	-1.017E-27	I(X1.D1)(A)
2.152E-38	V(X1.G1)*I(X1.G1)	7.458E-43	V(X1.D1)*I(X1.D1)
-1.235E-30	V(X1.R1)(V)	0.733E-24	V(X1.D2)(V)
-6.175E-34	I(X1.R1)(A)	1.017E-27	I(X1.D2)(A)
7.626E-64	V(X1.R1)*I(X1.R1)	7.461E-43	V(X1.D2)*I(X1.D2)
-2.963E-26	V(X1.R2)(V)	1.235E-30	V(X1.L1)(V)
-2.963E-33	I(X1.R2)(A)	1.018E-27	I(X1.L1)(A)
8.779E-59	V(X1.R2)*I(X1.R2)	1.257E-57	V(X1.L1)*I(X1.L1)
1.018E-27	V(X1.R3)(V)	8.100E-05	T(Seconds)
-1.018E-27	I(X1.R3)(A)		
-1.036E-54	V(X1.R3)*I(X1.R3)		

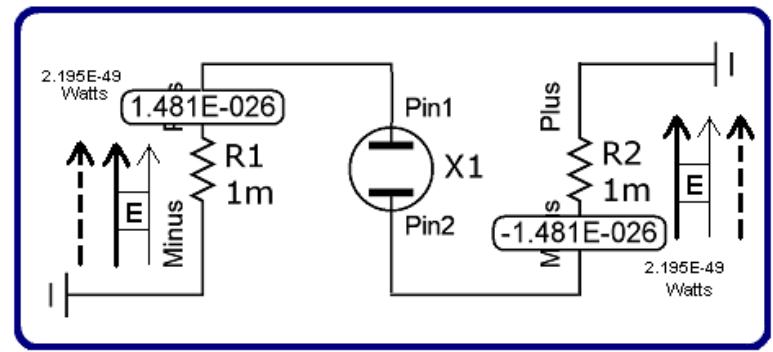


FIG. 21

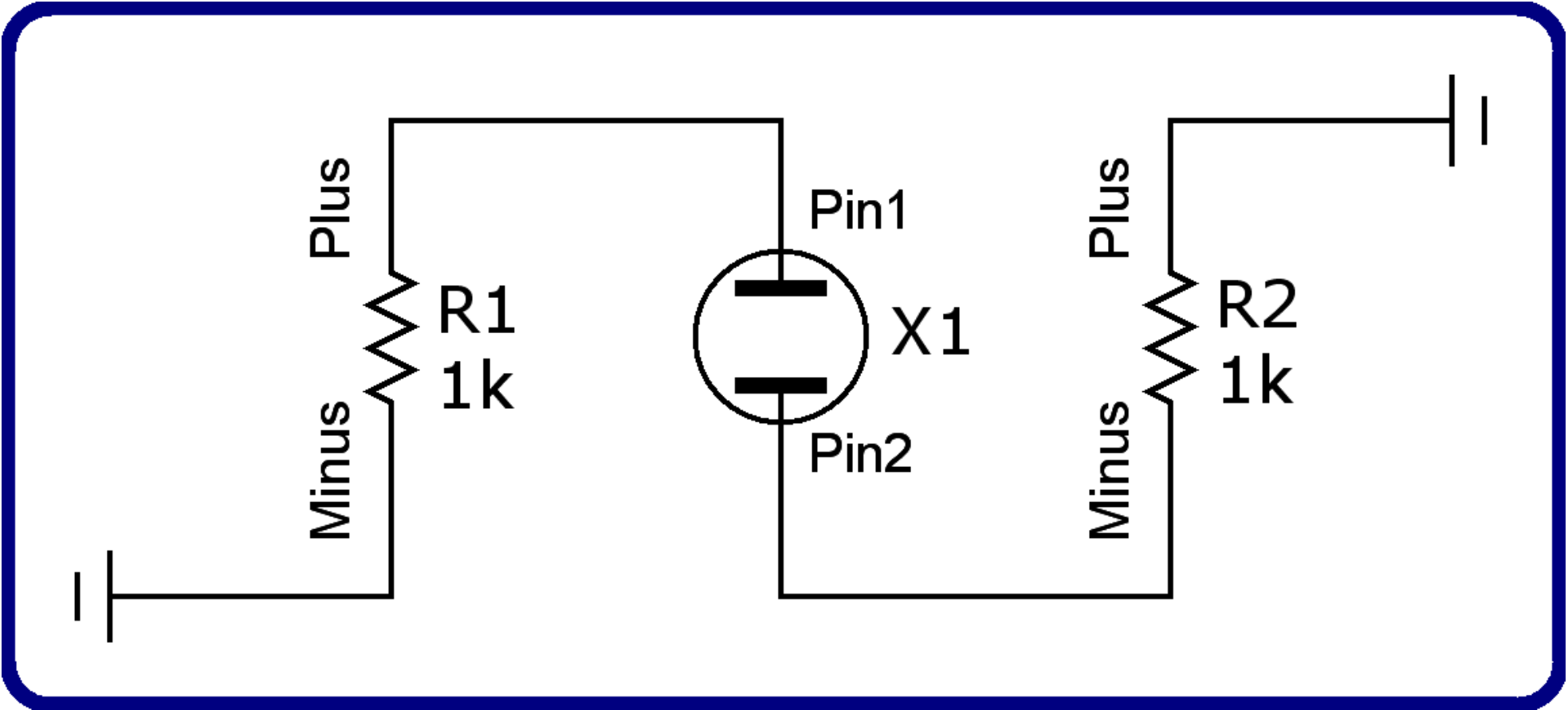


FIG. 22

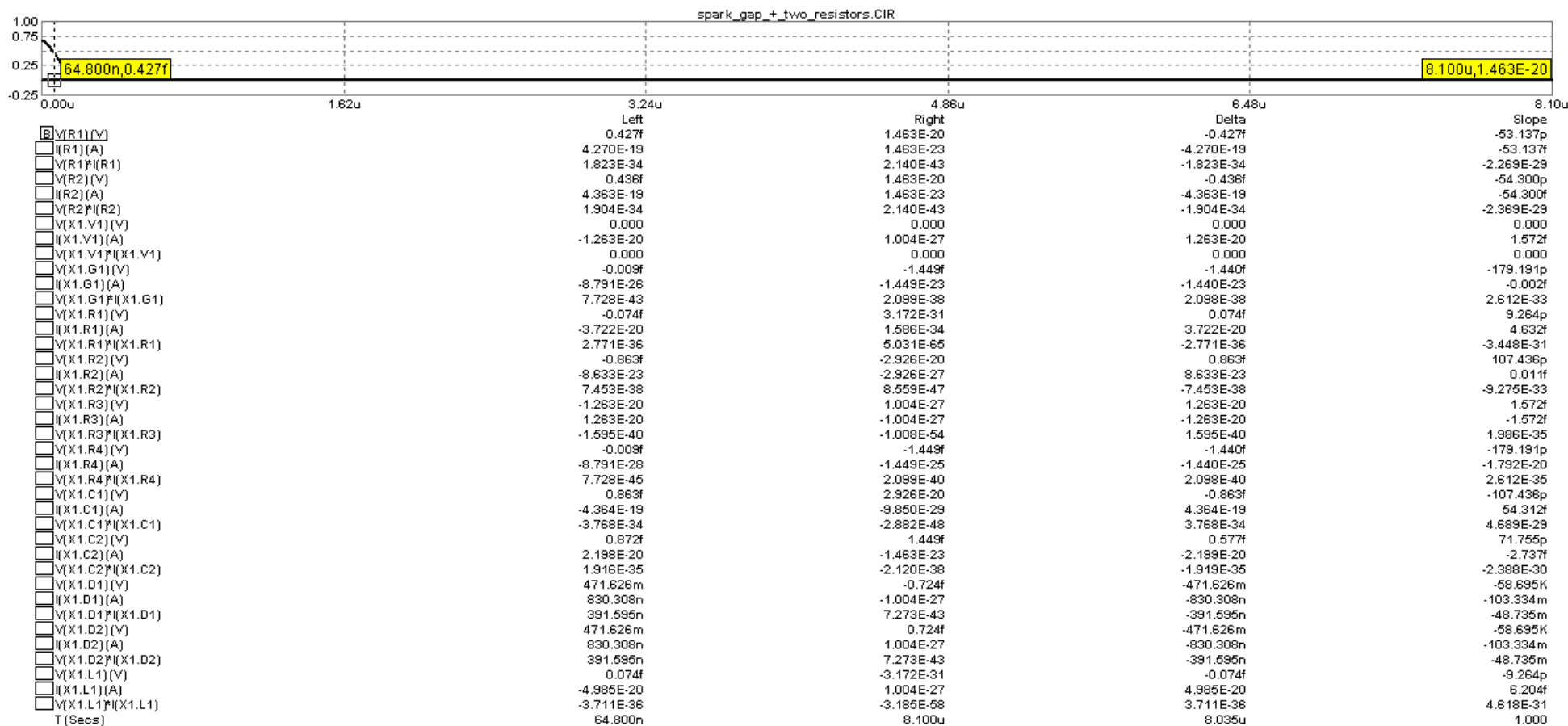


FIG. 23

## NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

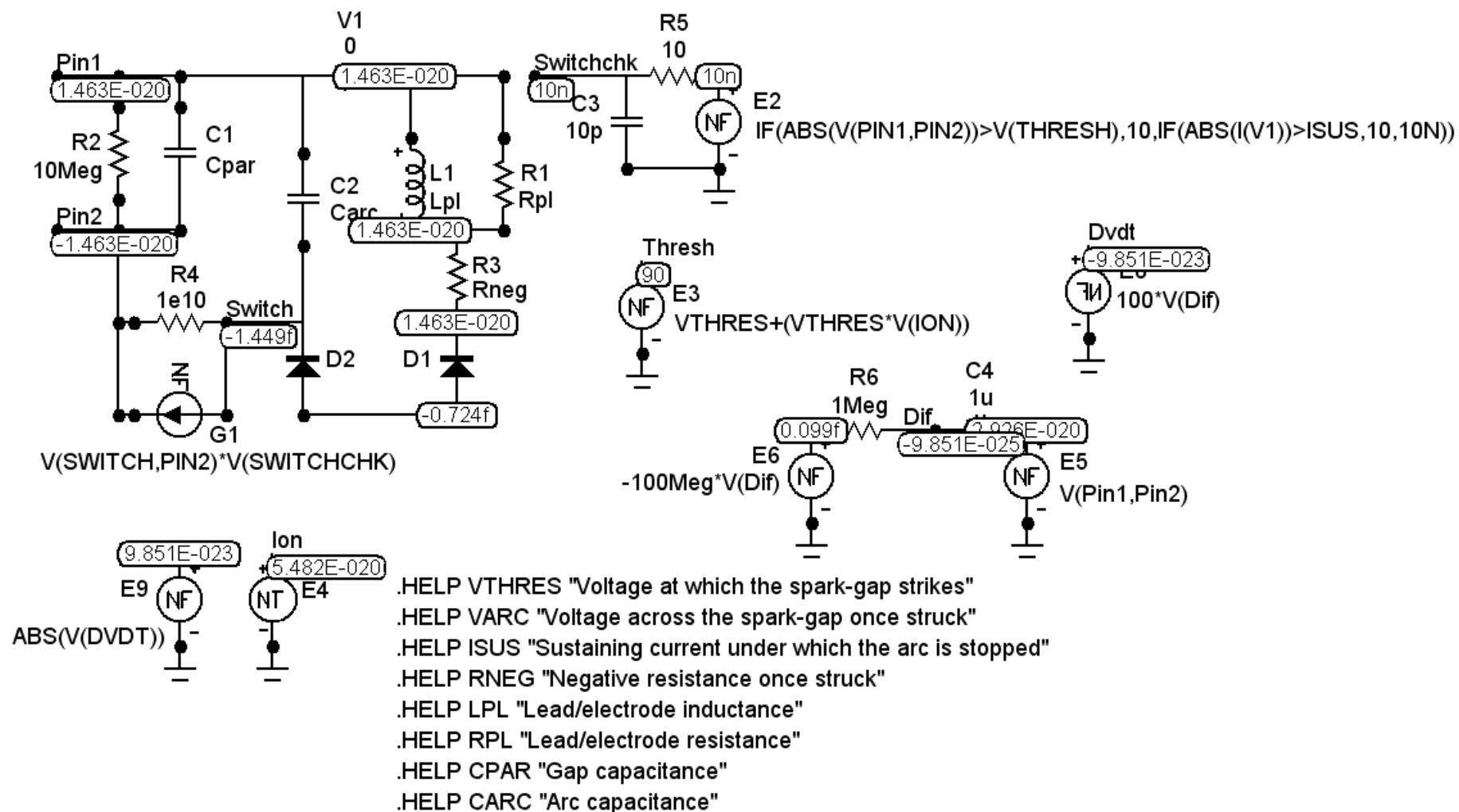
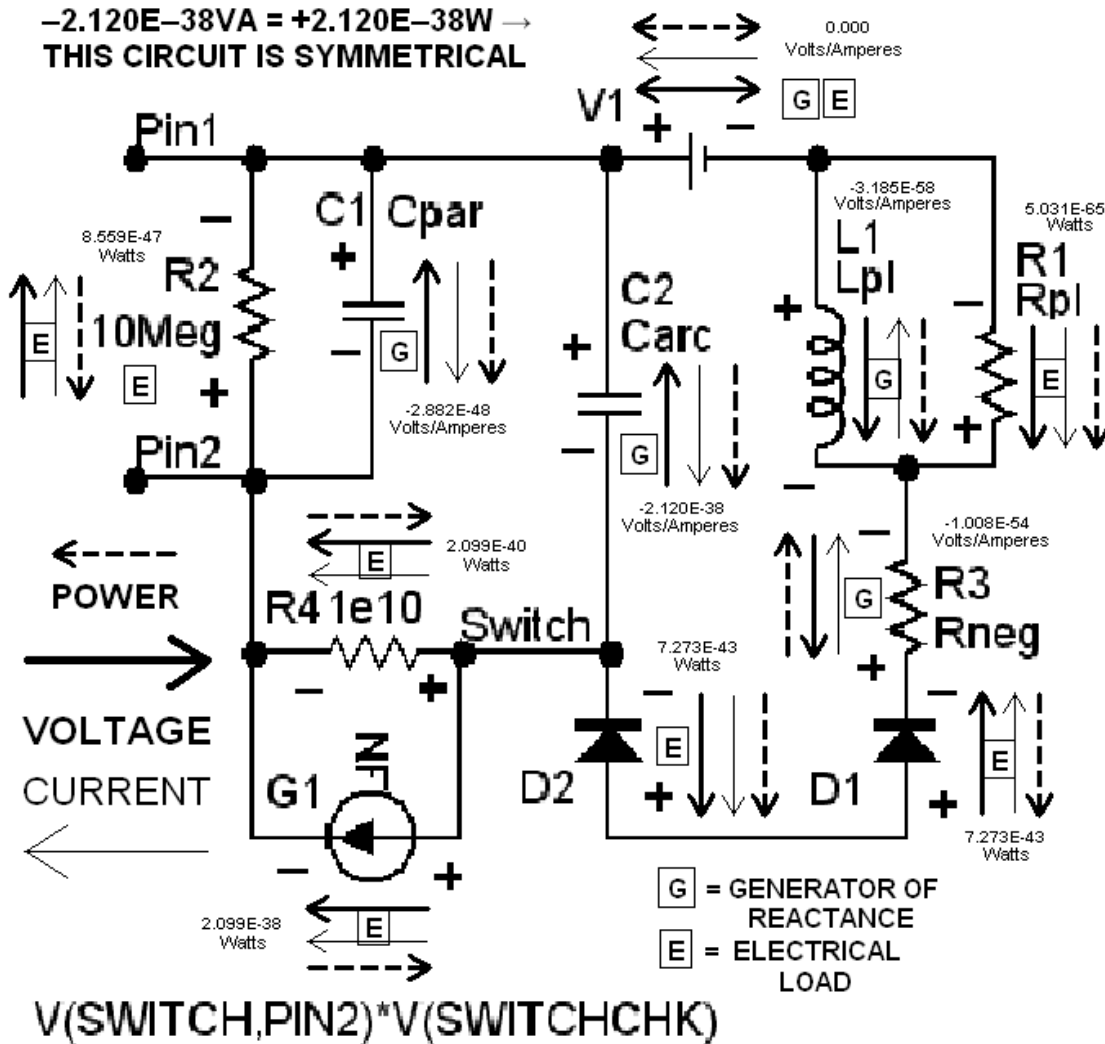


FIG. 24





<b>G</b>	-2.120E-38		2.099E-38
	-2.882E-48		2.099E-40
	-1.008E-54		7.273E-43
	-3.185E-58		7.273E-43
	0.000		2.140E-43
			2.140E-43
			8.559E-47
			5.031E-65
			0.000
			+2.120E-38

**SUB-TOTALS**

**RAW DATA**

1.463E-20	<b>B</b> [V(R1)](V)	-1.449F	<b>V</b> [X1.R4](V)
1.463E-23	<b>I</b> (R1)(A)	-1.449E-25	<b>I</b> (X1.R4)(A)
2.140E-43	<b>V</b> (R1)*(R1)	2.099E-40	<b>V</b> (X1.R4)*(X1.R4)
1.463E-20	<b>V</b> (R2)(V)	2.926E-20	<b>V</b> (X1.C1)(V)
1.463E-23	<b>I</b> (R2)(A)	-9.850E-29	<b>I</b> (X1.C1)(A)
2.140E-43	<b>V</b> (R2)*(R2)	-2.882E-48	<b>V</b> (X1.C1)*(X1.C1)
0.000	<b>V</b> (X1.V1)(V)	1.449F	<b>V</b> (X1.C2)(V)
1.004E-27	<b>I</b> (X1.V1)(A)	-1.463E-23	<b>I</b> (X1.C2)(A)
0.000	<b>V</b> (X1.V1)*(X1.V1)	-2.120E-38	<b>V</b> (X1.C2)*(X1.C2)
-1.449F	<b>V</b> (X1.G1)(V)	-0.724f	<b>V</b> (X1.D1)(V)
-1.449E-23	<b>I</b> (X1.G1)(A)	1.004E-27	<b>I</b> (X1.D1)(A)
2.099E-38	<b>V</b> (X1.G1)*(X1.G1)	-1.004E-27	<b>V</b> (X1.D1)*(X1.D1)
3.172E-31	<b>V</b> (X1.R1)(V)	7.273E-43	<b>V</b> (X1.D1)*(X1.D1)
1.586E-34	<b>I</b> (X1.R1)(A)	0.724f	<b>V</b> (X1.D2)(V)
5.031E-65	<b>V</b> (X1.R1)*(X1.R1)	1.004E-27	<b>I</b> (X1.D2)(A)
-2.926E-20	<b>V</b> (X1.R2)(V)	7.273E-43	<b>V</b> (X1.D2)*(X1.D2)
-2.926E-27	<b>I</b> (X1.R2)(A)	-3.172E-31	<b>V</b> (X1.L1)(V)
8.559E-47	<b>V</b> (X1.R2)*(X1.R2)	1.004E-27	<b>I</b> (X1.L1)(A)
1.004E-27	<b>V</b> (X1.R3)(V)	-3.185E-58	<b>V</b> (X1.L1)*(X1.L1)
-1.004E-27	<b>I</b> (X1.R3)(A)	8.100u	<b>T</b> (Secs)
-1.008E-54	<b>V</b> (X1.R3)*(X1.R3)		

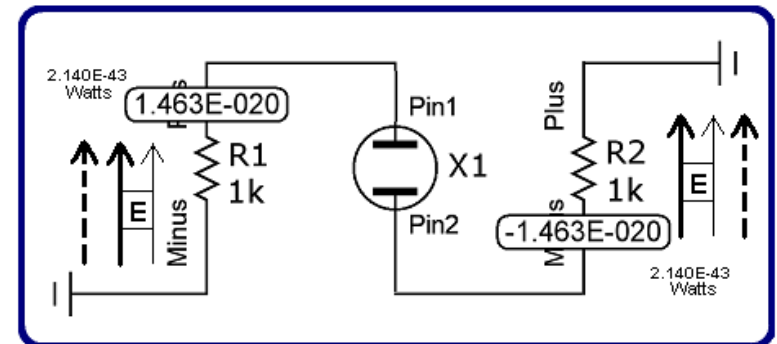


FIG. 25

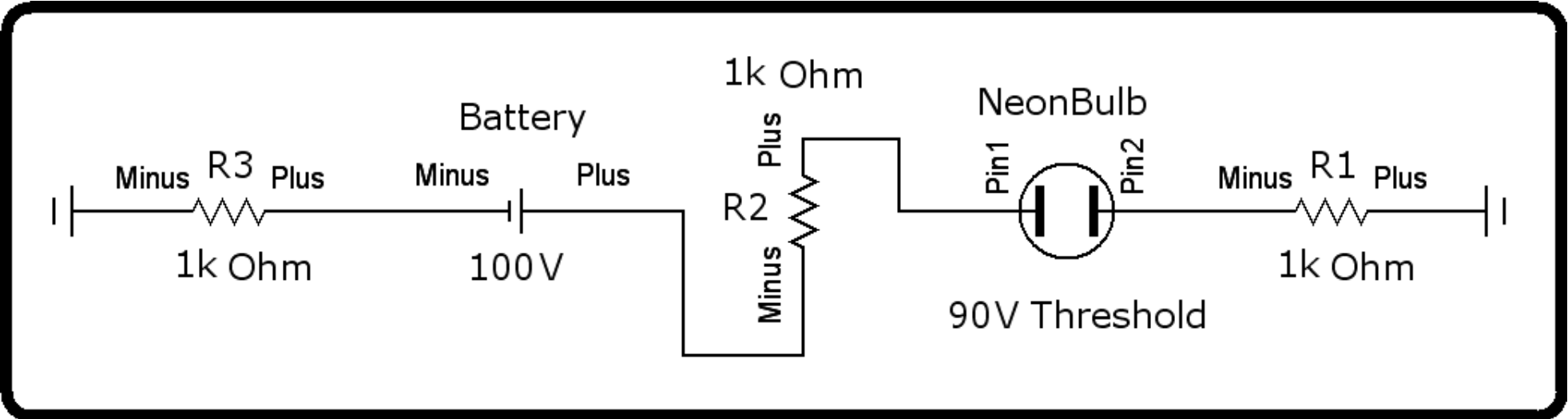


FIG. 26

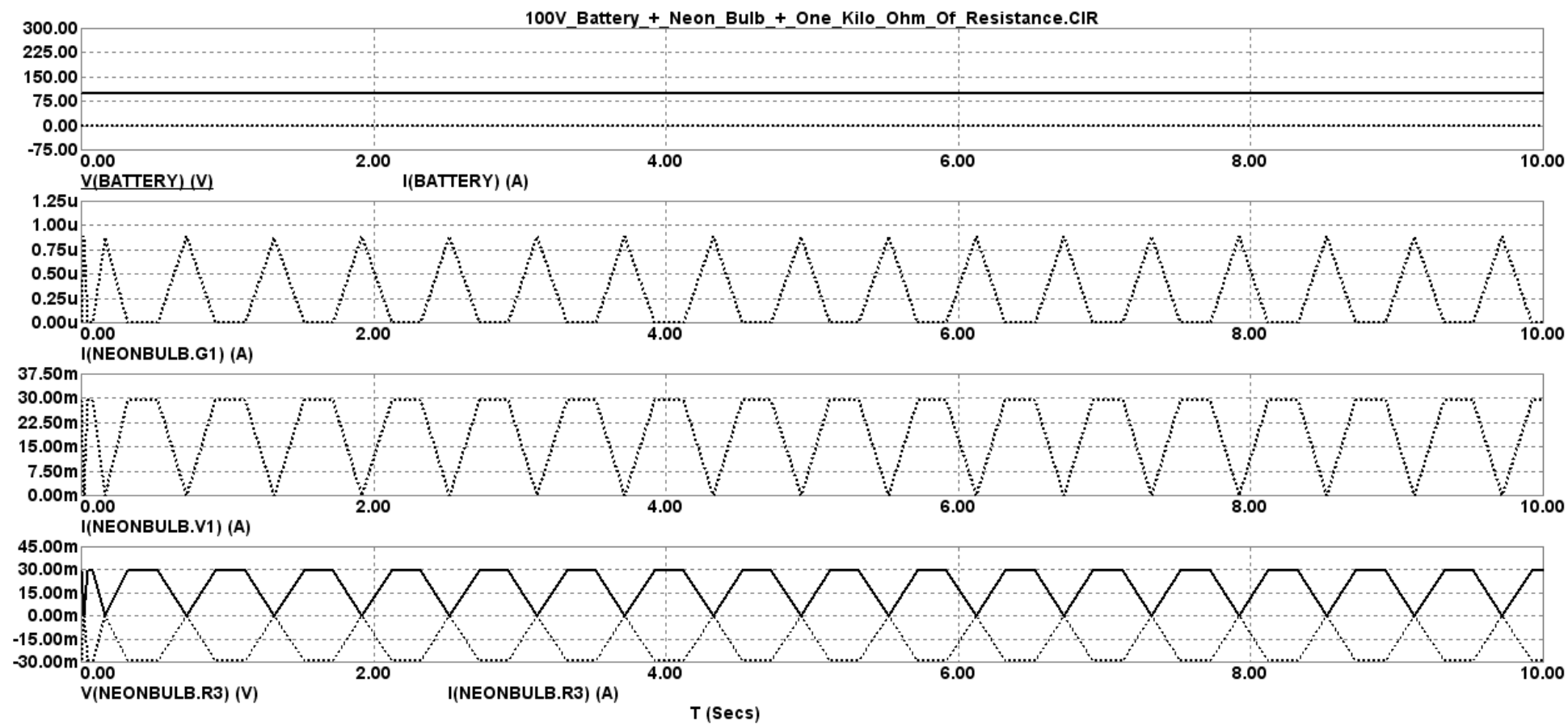


FIG. 27

-10.00K ;

- V(BATTERY)(V)
- I(BATTERY)(A)
- V(BATTERY)\*I(BATTERY)
- V(R1)(V)
- I(R1)(A)
- V(R1)\*I(R1)
- V(R2)(V)
- I(R2)(A)
- V(R2)\*I(R2)
- V(R3)(V)
- I(R3)(A)
- V(R3)\*I(R3)
- V(NEONBULB.G1)(V)
- I(NEONBULB.G1)(A)
- V(NEONBULB.G1)\*I(NEONBULB.G1)
- V(NEONBULB.V1)(V)
- I(NEONBULB.V1)(A)
- V(NEONBULB.V1)\*I(NEONBULB.V1)
- V(NEONBULB.R1)(V)
- I(NEONBULB.R1)(A)
- V(NEONBULB.R1)\*I(NEONBULB.R1)
- V(NEONBULB.R2)(V)
- I(NEONBULB.R2)(A)
- V(NEONBULB.R2)\*I(NEONBULB.R2)
- V(NEONBULB.R3)(V)
- I(NEONBULB.R3)(A)
- V(NEONBULB.R3)\*I(NEONBULB.R3)
- V(NEONBULB.R4)(V)
- I(NEONBULB.R4)(A)
- V(NEONBULB.R4)\*I(NEONBULB.R4)
- V(NEONBULB.C1)(V)
- I(NEONBULB.C1)(A)
- V(NEONBULB.C1)\*I(NEONBULB.C1)
- V(NEONBULB.C2)(V)
- I(NEONBULB.C2)(A)
- V(NEONBULB.C2)\*I(NEONBULB.C2)
- V(NEONBULB.D1)(V)
- I(NEONBULB.D1)(A)
- V(NEONBULB.D1)\*I(NEONBULB.D1)
- V(NEONBULB.D2)(V)
- I(NEONBULB.D2)(A)
- V(NEONBULB.D2)\*I(NEONBULB.D2)
- V(NEONBULB.L1)(V)
- I(NEONBULB.L1)(A)
- V(NEONBULB.L1)\*I(NEONBULB.L1)
- T(Secs)

100V\_Battery+\_Neon\_Bulb+\_One\_Kilo\_Ohm\_Of\_Resistance.CIR

	Left	Right	Delta	Slope
	100.000	100.000	0.000	0.000
	-29.431m	-29.448m	-17.305u	-1.737u
	-2.943	-2.945	-1.731m	-173.747u
	-29.431	-29.448	-17.305m	-1.737m
	-29.431m	-29.448m	-17.305u	-1.737u
	866.168m	867.187m	1.019m	102.300u
	-29.431	-29.448	-17.305m	-1.737m
	-29.431m	-29.448m	-17.305u	-1.737u
	866.168m	867.187m	1.019m	102.300u
	-29.431	-29.448	-17.305m	-1.737m
	-29.431m	-29.448m	-17.305u	-1.737u
	866.168m	867.187m	1.019m	102.300u
	5.933m	5.936m	3.042u	305.403n
	59.331p	59.361p	30.418f	3.054f
	362.011f	362.372f	0.361f	0.036f
	0.000	0.000	0.000	0.000
	29.430m	29.447m	17.306u	1.738u
	0.000	0.000	0.000	0.000
	-191.286n	5.429n	196.716n	19.751n
	-95.643p	2.715p	98.358p	9.875p
	0.018f	1.474E-20	-0.018f	-0.002f
	-11.708	-11.656	51.916m	5.212m
	-1.171u	-1.166u	5.192n	521.240p
	13.707u	13.686u	-121.294n	-12.178n
	29.430m	29.447m	17.306u	1.738u
	-29.430m	-29.447m	-17.306u	-1.738u
	-866.100u	-867.119u	-1.019u	-102.300n
	5.933m	5.936m	3.042u	305.403n
	593.305f	593.609f	0.304f	0.031f
	3.520f	3.524f	0.004f	3.625E-19
	11.708	11.656	-51.916m	-5.212m
	-4.413n	125.253p	4.538n	455.646p
	-51.666n	1.460n	53.126n	5.334n
	11.702	11.650	-51.919m	-5.213m
	44.041p	-2.925p	-46.966p	-4.715p
	515.357p	-34.078p	-549.435p	-55.164p
	-10.748	-10.722	25.946m	2.605m
	-885.564	-324.731	560.833	56.309
	9.518K	3.482K	-6.036K	-606.042
	983.420m	957.465m	-25.955m	-2.606m
	885.564	324.622	-560.942	-56.319
	870.881	310.814	-560.066	-56.232
	191.286n	-5.429n	-196.716n	-19.751n
	29.430m	29.447m	17.306u	1.738u
	5.629n	-159.874p	-5.789n	-581.260p
	40.000m	10.000	9.960	1.000

FIG. 28

## NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

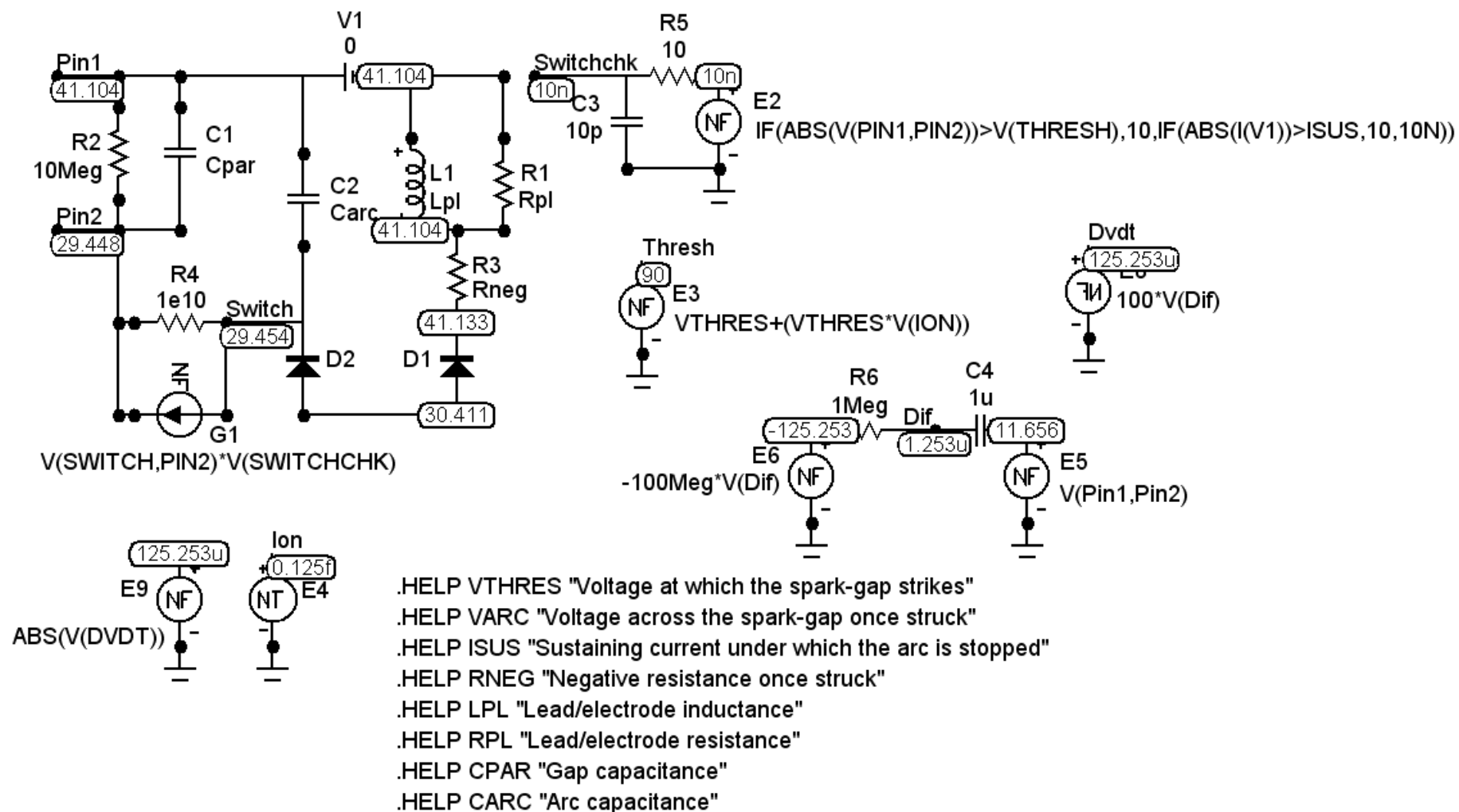


FIG. 29

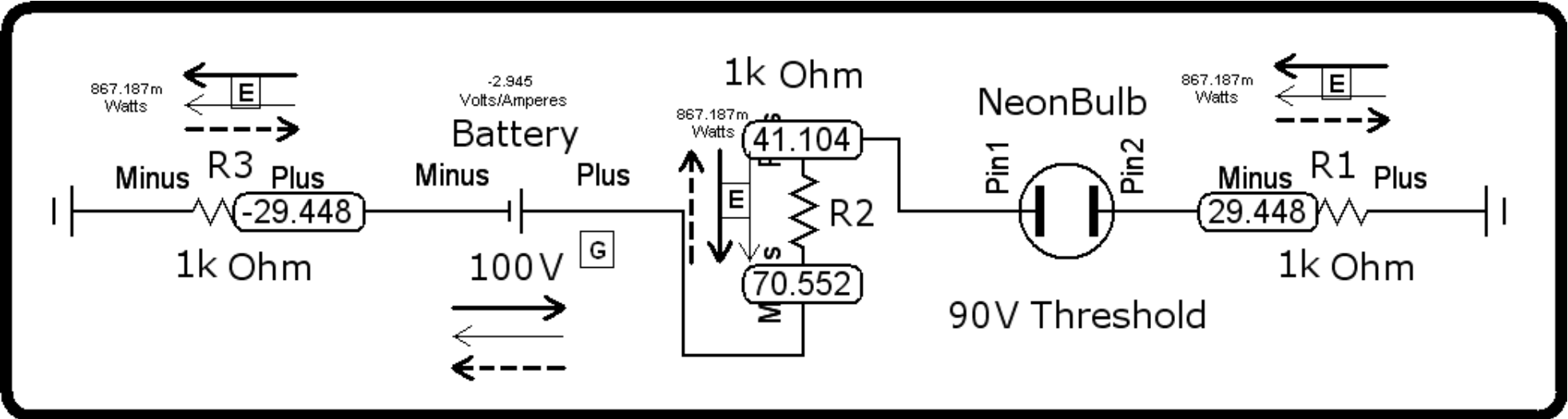
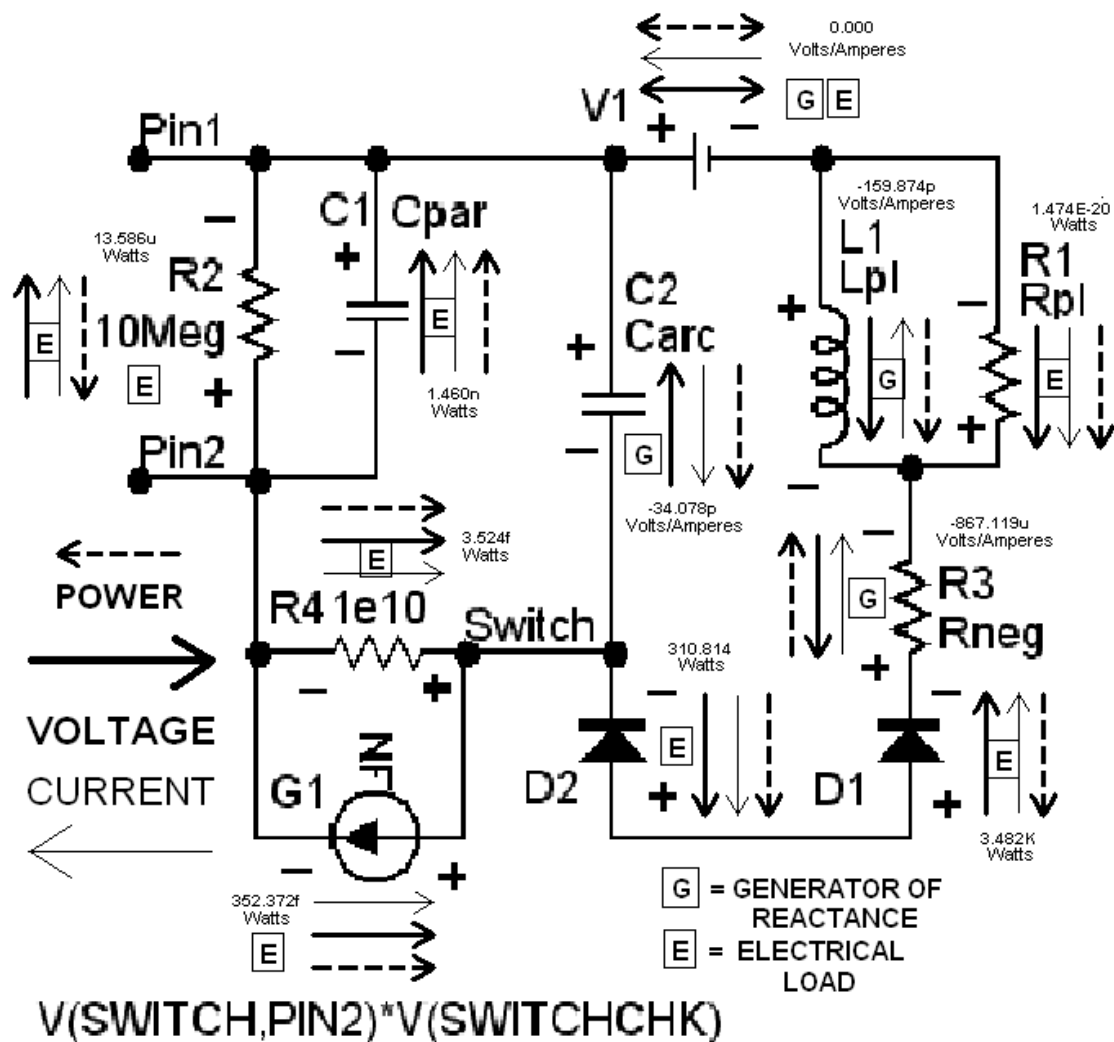


FIG. 30



**-2.945VA ≠ +3.7928KW → THIS  
 CIRCUIT IS ASYMMETRICAL BY A  
 FACTOR OF → +1,287.83W TO -1VA**

SUB-TOTALS		SUB-TOTALS	
0.000	Volts/Amperes	3.482K	Watts
-2.945		310.814	
-867.119u		867.187m	
-34.078p		867.187m	
-159.874p		13.586u	
0.000		1.460n	
-2.945		352.372f	
		3.524f	
		1.474E-20	
		0.000	
		<b>+3.7928k</b>	

RAW DATA	RAW DATA	RAW DATA	RAW DATA
867.187m	V(R1)(R1)	-29.448	V(R1)(V)
867.187m	V(R2)(R2)	-29.448m	I(R1)(A)
867.187m	V(R3)(R3)	-29.448	V(R2)(V)
-2.945	V(BATTERY)(BATTERY)	-29.448m	I(R2)(A)
352.372f	V(NEONBULB.G1)(NEONBULB.G1)	-29.448	V(R3)(V)
0.000	V(NEONBULB.V1)(NEONBULB.V1)	-29.448m	I(R3)(A)
1.474E-20	V(NEONBULB.R1)(NEONBULB.R1)	100.000	V(BATTERY)(V)
13.586u	V(NEONBULB.R2)(NEONBULB.R2)	-29.448m	I(BATTERY)(A)
-867.119u	V(NEONBULB.R3)(NEONBULB.R3)	5.936m	V(NEONBULB.G1)(V)
3.524f	V(NEONBULB.R4)(NEONBULB.R4)	59.361p	I(NEONBULB.G1)(A)
1.460n	V(NEONBULB.C1)(NEONBULB.C1)	0.000	V(NEONBULB.V1)(V)
-34.078p	V(NEONBULB.C2)(NEONBULB.C2)	29.447m	I(NEONBULB.V1)(A)
3.482K	V(NEONBULB.D1)(NEONBULB.D1)	5.429n	V(NEONBULB.R1)(V)
310.814	V(NEONBULB.D2)(NEONBULB.D2)	2.715p	I(NEONBULB.R1)(A)
-159.874p	V(NEONBULB.L1)(NEONBULB.L1)	-11.656	V(NEONBULB.R2)(V)
11.650	V(NEONBULB.C2)(V)	-1.166u	I(NEONBULB.R2)(A)
-2.925p	I(NEONBULB.C2)(A)	29.447m	V(NEONBULB.R3)(V)
-10.722	V(NEONBULB.D1)(V)	-29.447m	I(NEONBULB.R3)(A)
-324.731	I(NEONBULB.D1)(A)	5.936m	V(NEONBULB.R4)(V)
957.465m	V(NEONBULB.D2)(V)	593.609f	I(NEONBULB.R4)(A)
324.622	I(NEONBULB.D2)(A)	11.656	V(NEONBULB.C1)(V)
-5.429n	V(NEONBULB.L1)(V)	125.253p	I(NEONBULB.C1)(A)
29.447m	I(NEONBULB.L1)(A)		

FIG. 31

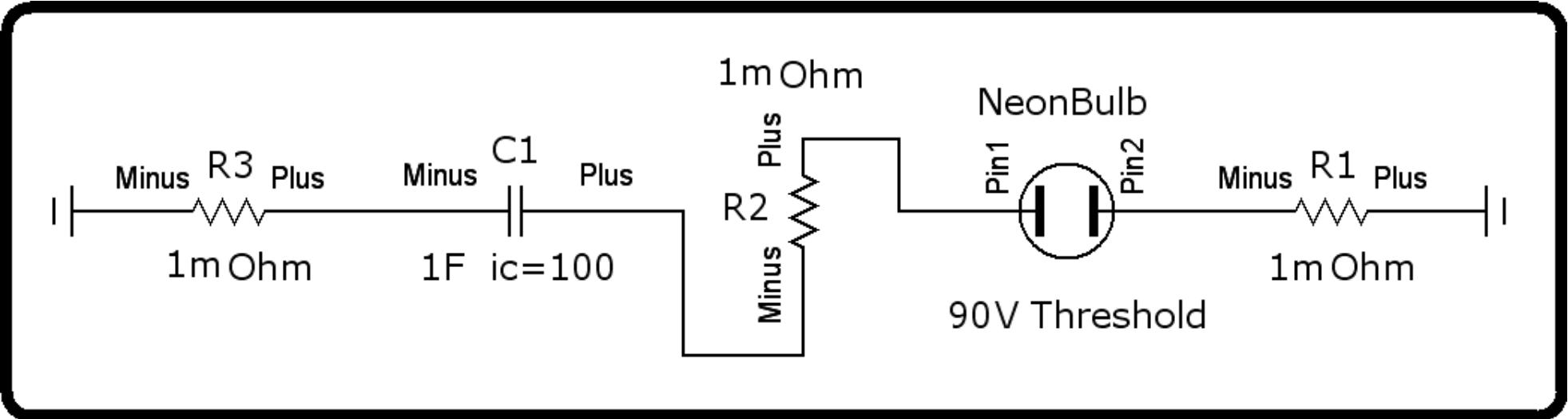


FIG. 32



Precharged\_Capacitor + Neon\_Bulb + One\_Milli\_Ohm\_Of\_Resistance.CIR

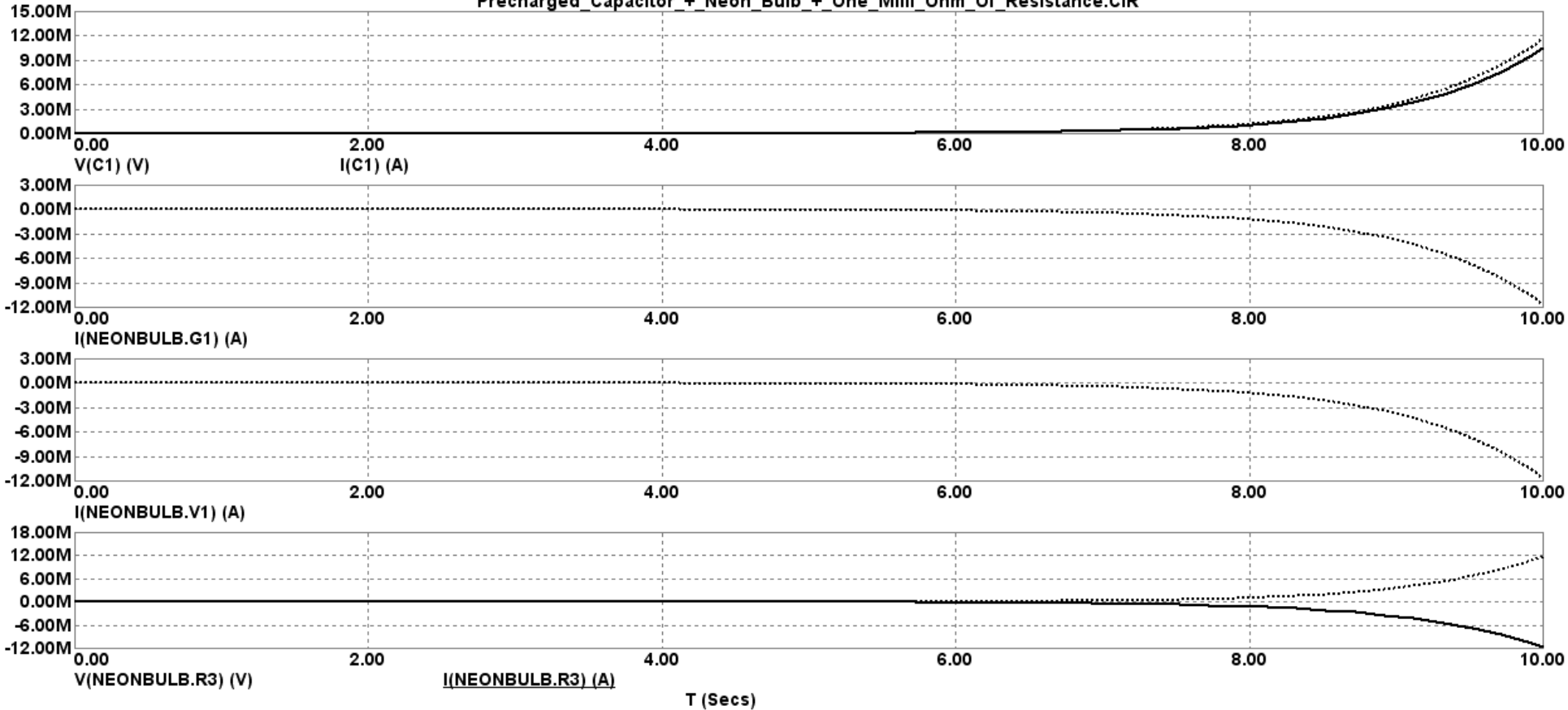


FIG. 33

Precharged\_Capacitor + Neon Bulb + One Milli\_Ohm\_Of\_Resistance.CIR

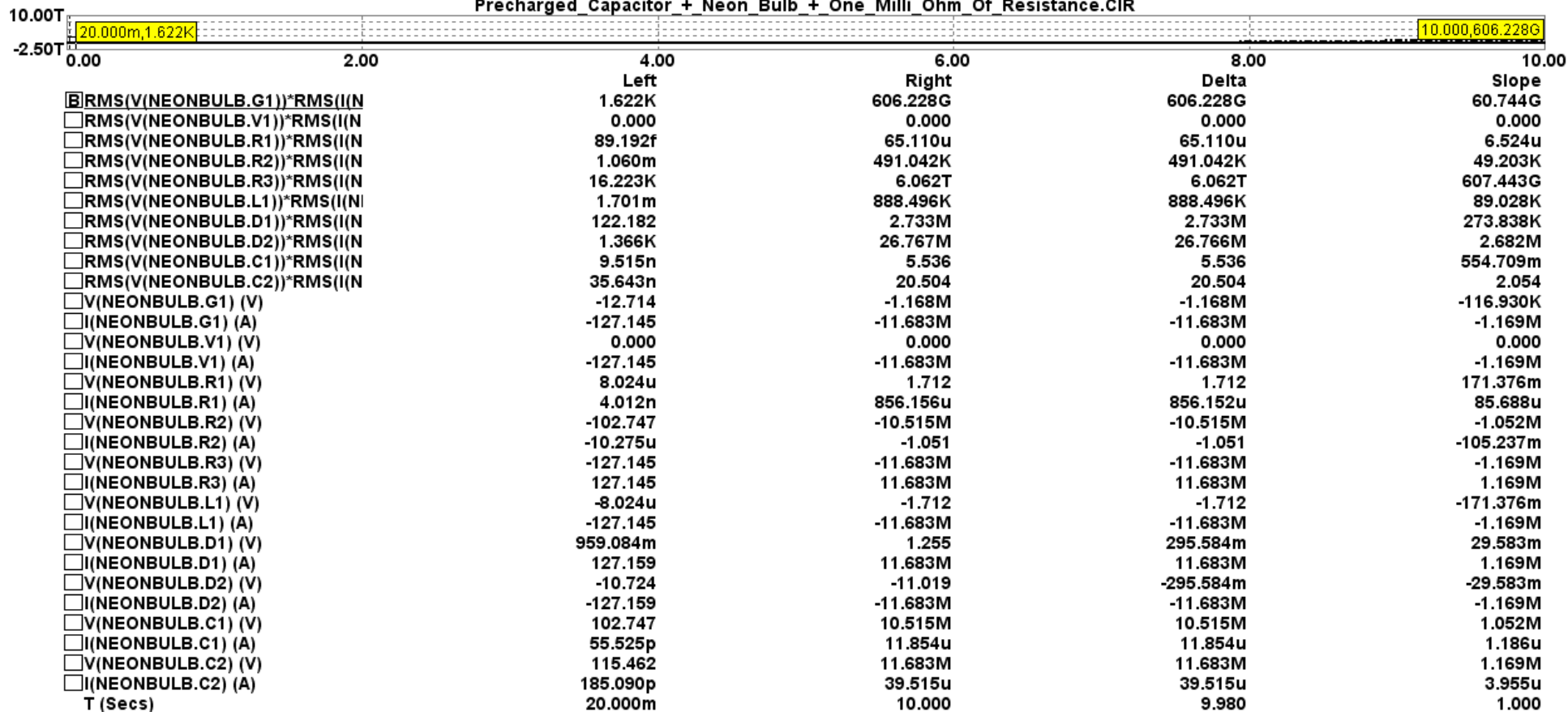


FIG. 34

Precharged\_Capacitor+\_Neon\_Bulb+\_One\_Milli\_Ohm\_Of\_Resistance.CIR

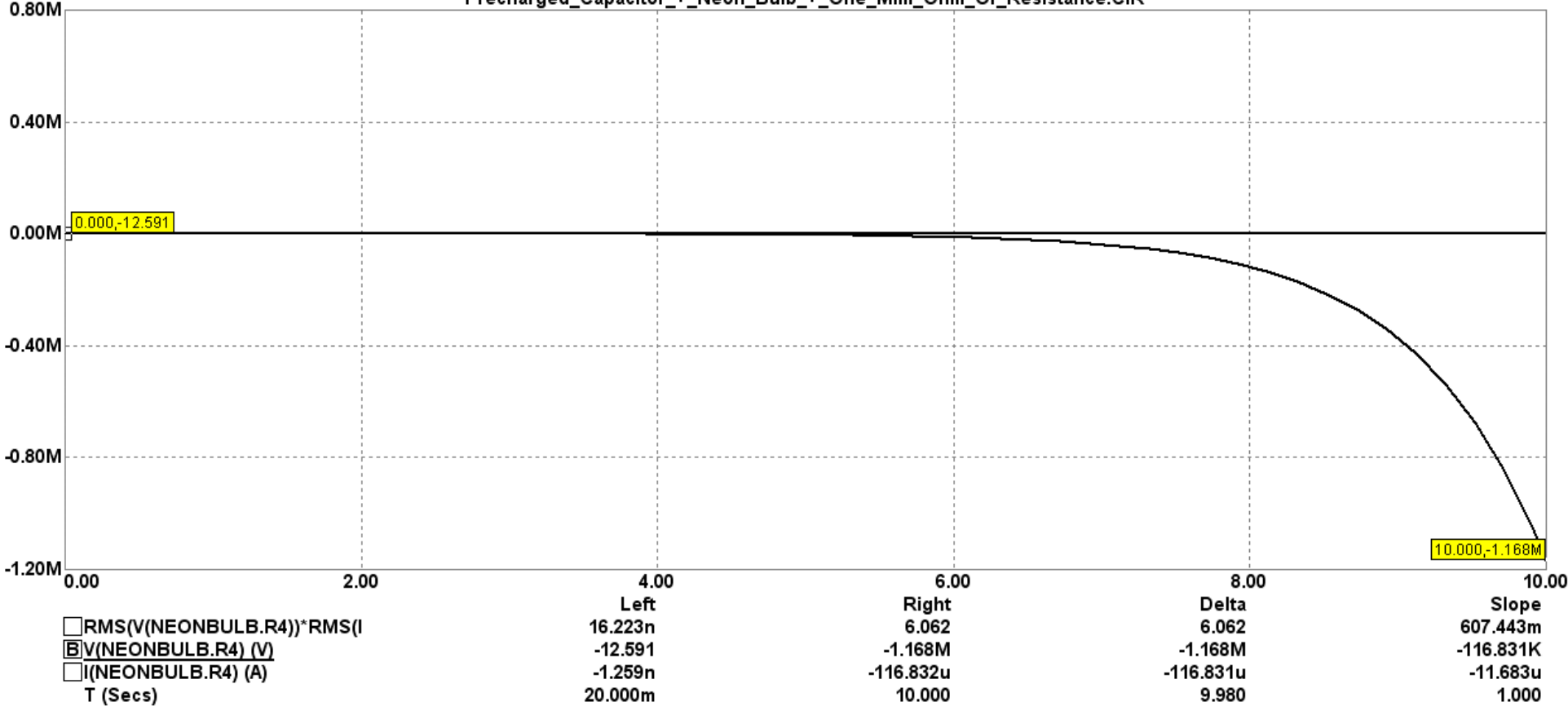


FIG. 35

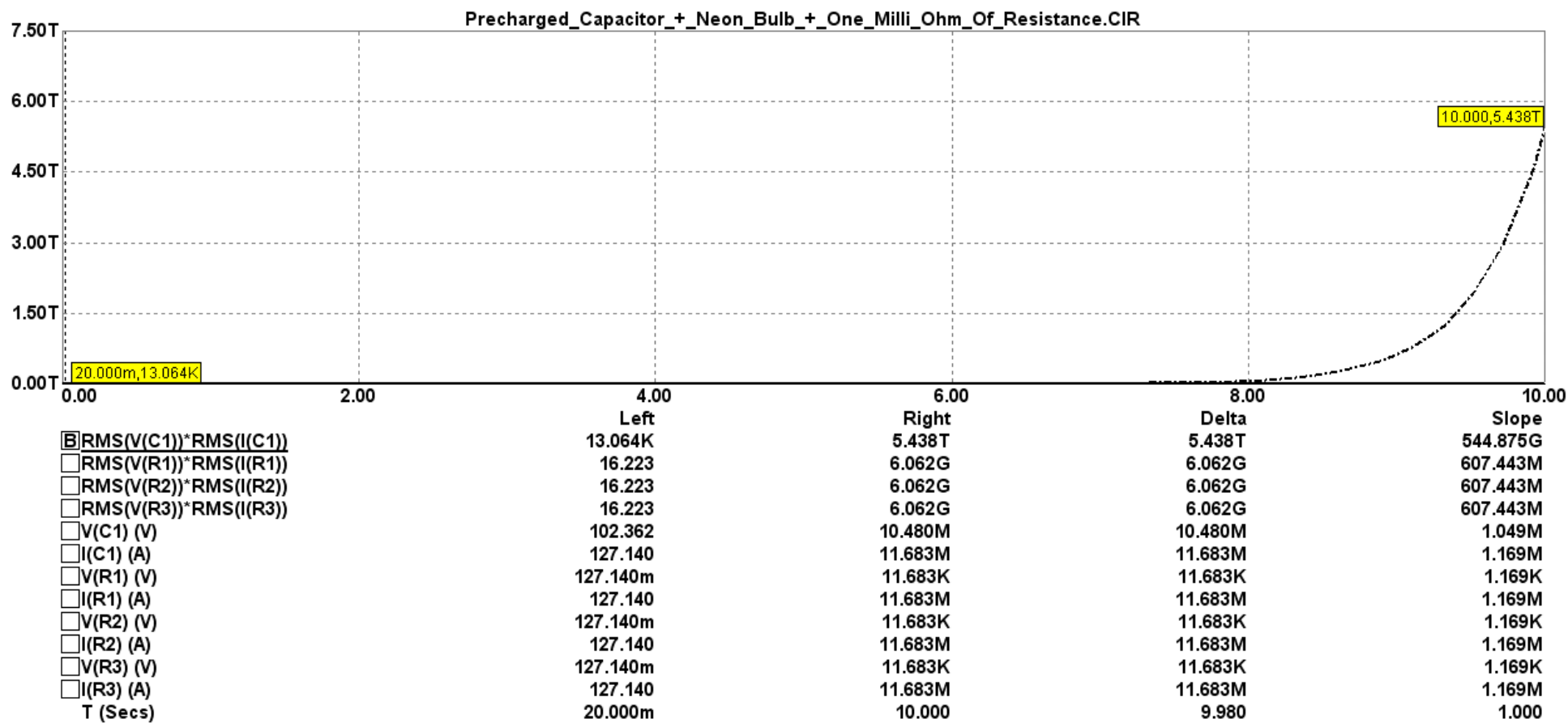


FIG. 36

### NEON BULB, SPARK GAP MACRO

.PARAMETERS(VTHRES=90, VARC=10, ISUS=500M,RNEG=-1,LPL=130N,RPL=2K,CPAR=1P,CARC=3P)

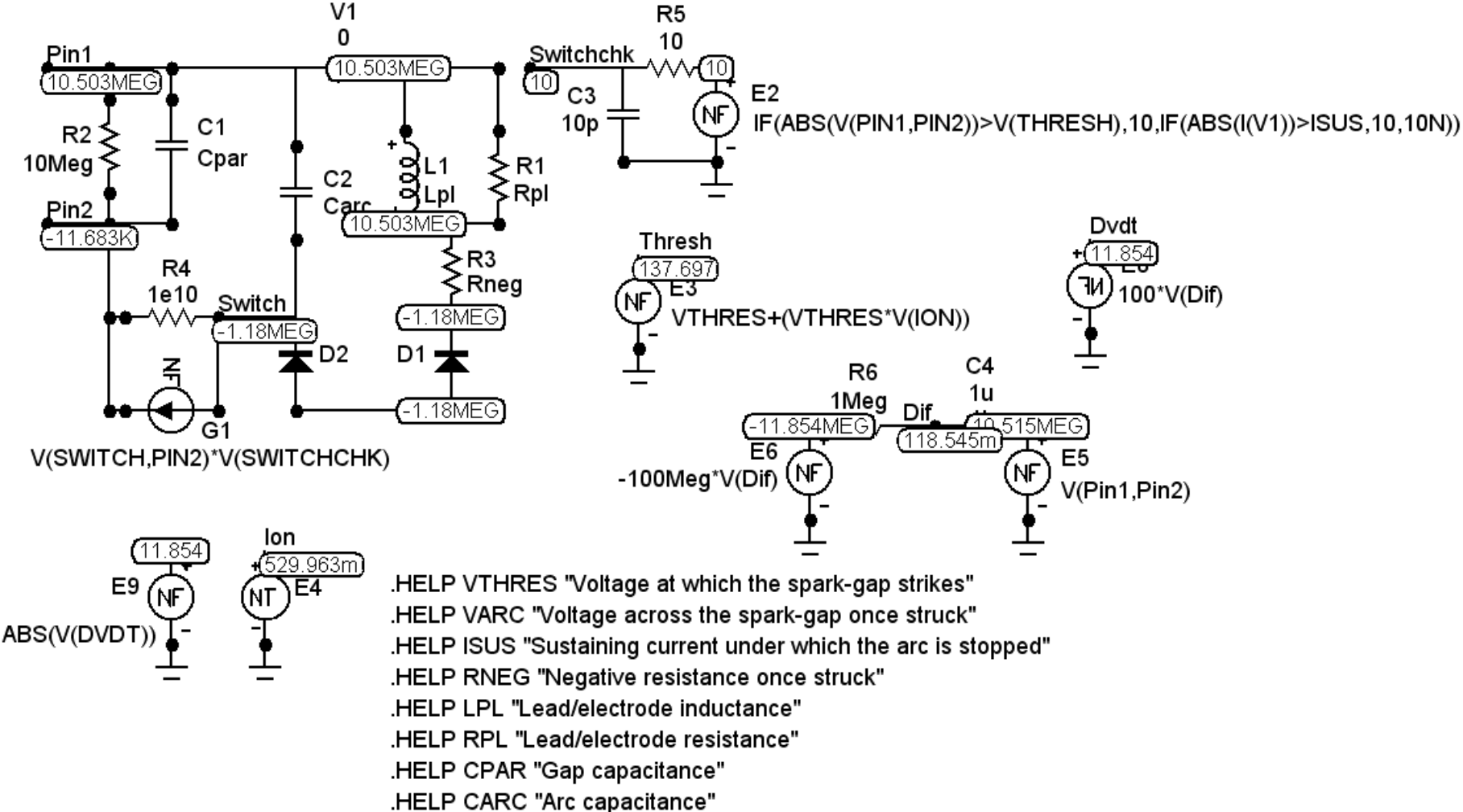


FIG. 37

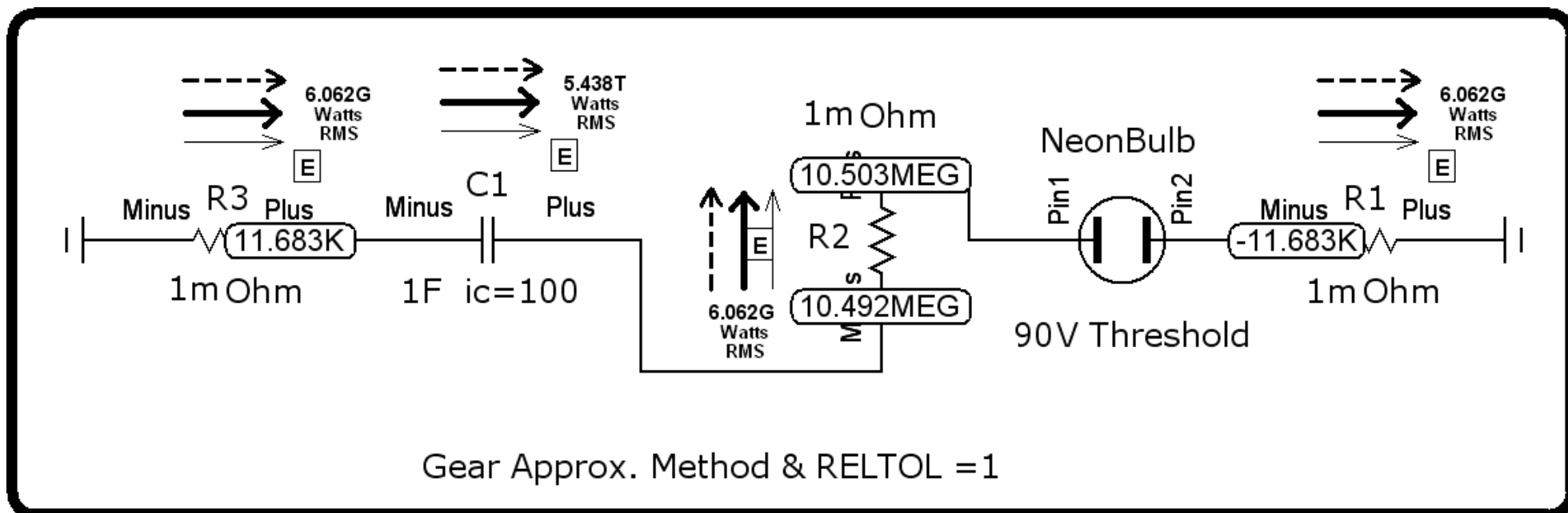
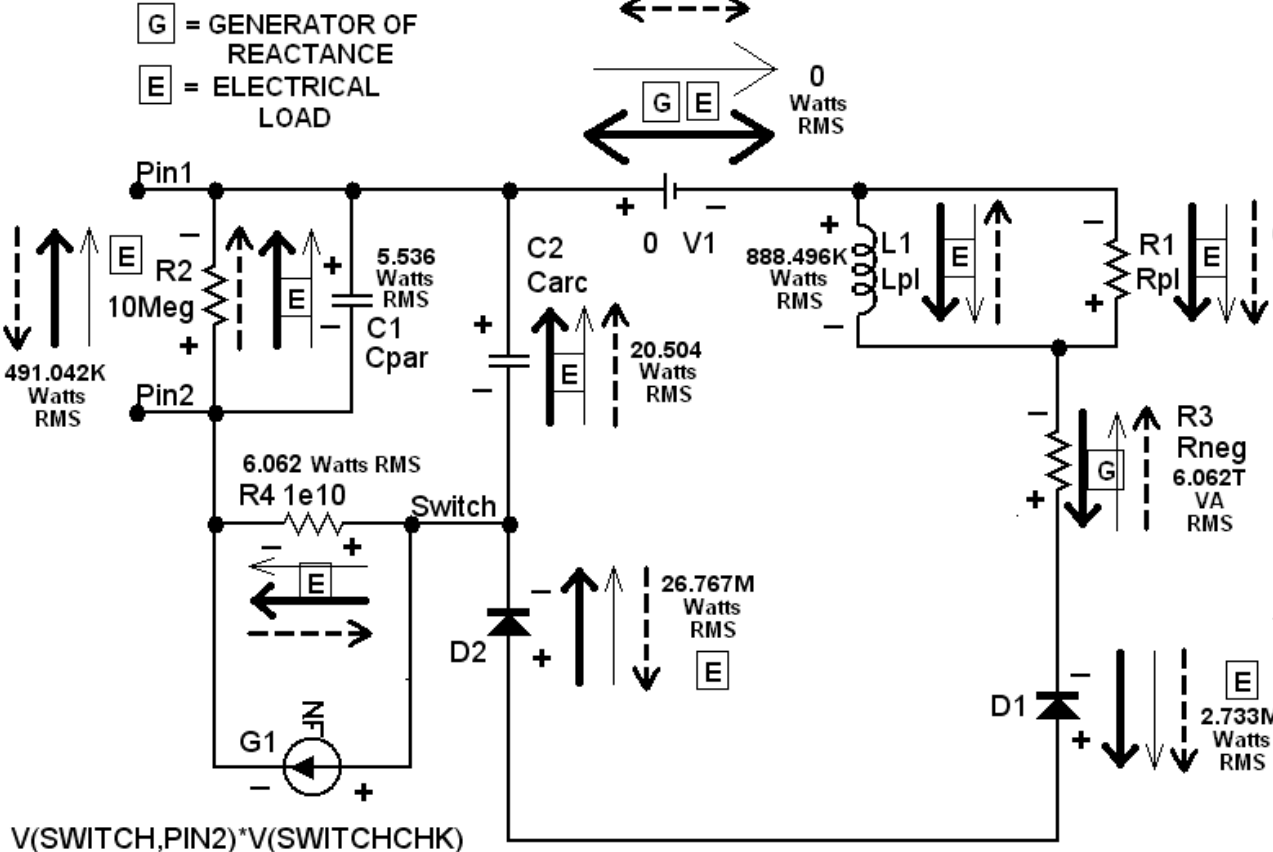


FIG. 38

**G** = GENERATOR OF REACTANCE  
**E** = ELECTRICAL LOAD



-6.062T	+606.228G
0	+26.767M
-6.062T	+2.733M
<b>Volts/Amperes RMS</b>	+888.496K
	+491.042K
	+20.504
	+6.062
	+5.536
	+65.110u
	0
<b>SPARK GAP SUBTOTALS</b>	+606.258G
	<b>Watts RMS</b>
0	+5.438T
0	+6.062G
<b>Volts/Amperes RMS</b>	+6.062G
	+6.062G
<b>CIRCUIT SUBTOTALS</b>	+5.456T
	<b>Watts RMS</b>
<b>TOTAL</b>	
-6.062T VOLTS/AMPERES	
+606.258G WATTS	
+5.456T WATTS	
<hr/>	
+0.000258T WATTS	
+258 Mega Watts?	

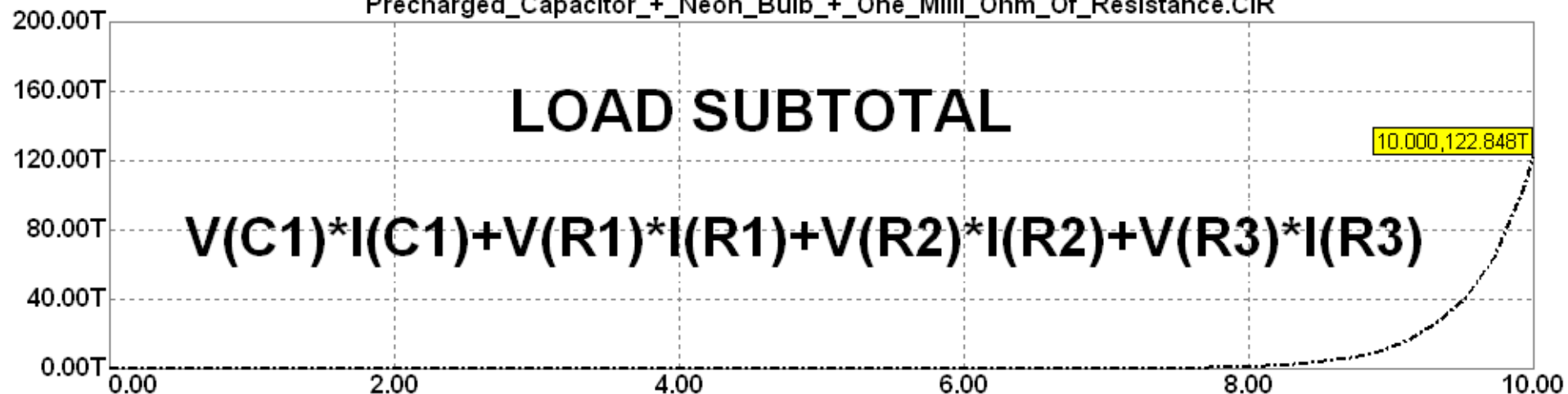
V(SWITCH,PIN2)\*V(SWITCHCHK)  
 606.228G  
 Watts RMS

←--- POWER  
 ←--- CURRENT  
 →--- VOLTAGE

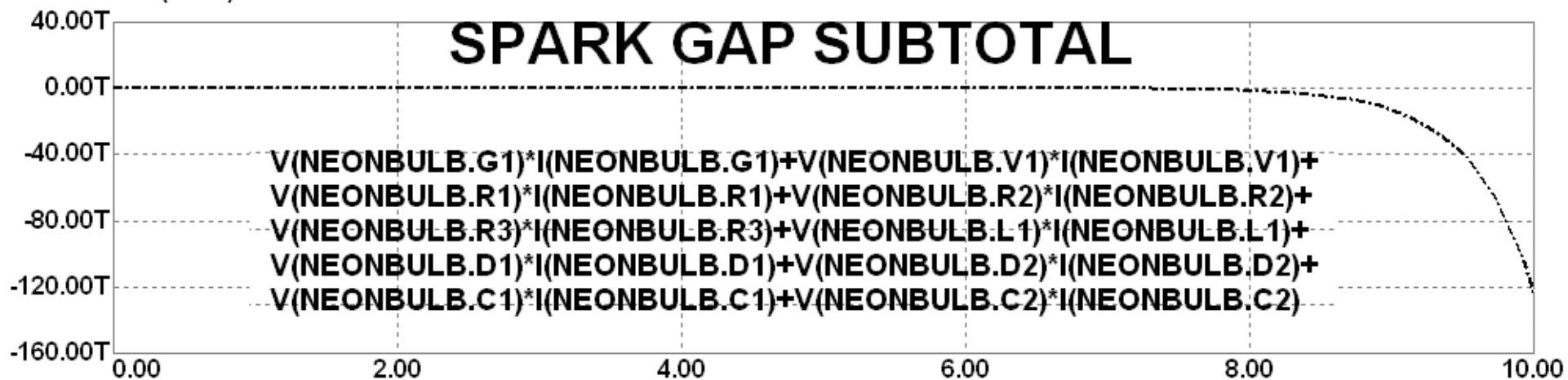
**THIS CIRCUIT IS ASYMMETRICAL BY A SMALL %...** → see next two slides...

**FIG. 39**

Precharged\_Capacitor+\_Neon\_Bulb+\_One\_Milli\_Ohm\_Of\_Resistance.CIR



	Left	Right	Delta	Slope
$V(C1)*I(C1)+V(R1)*I(R1)$	122.848T	122.848T	0.000	INF
T (Secs)	10.000	10.000	0.000	1.000



	Left	Right	Delta	Slope
$V(NEONBULB.G1)*I(N$	-122.848T	-122.848T	0.000	INF
T (Secs)	10.000	10.000	0.000	1.000

FIG. 40



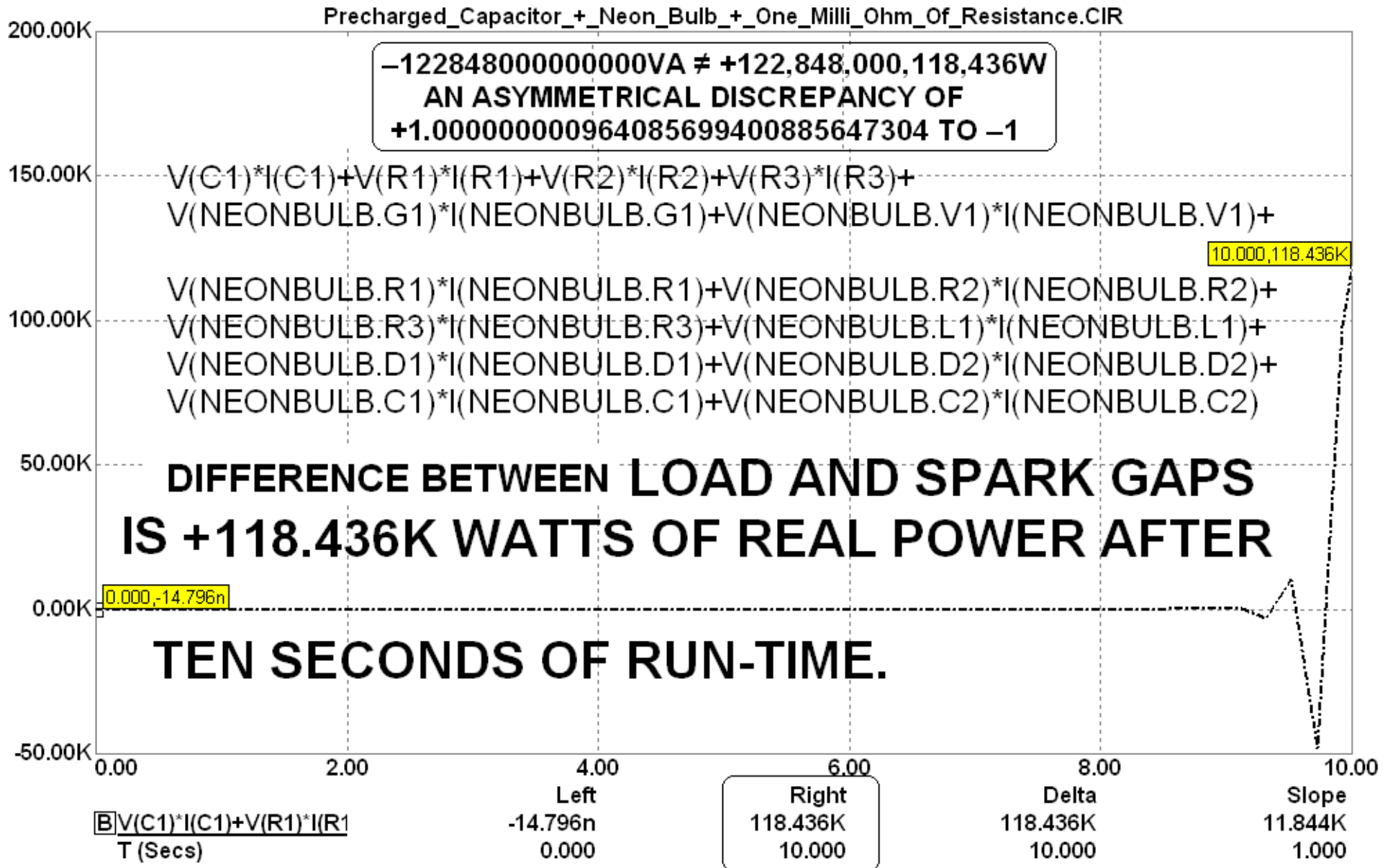


FIG. 41

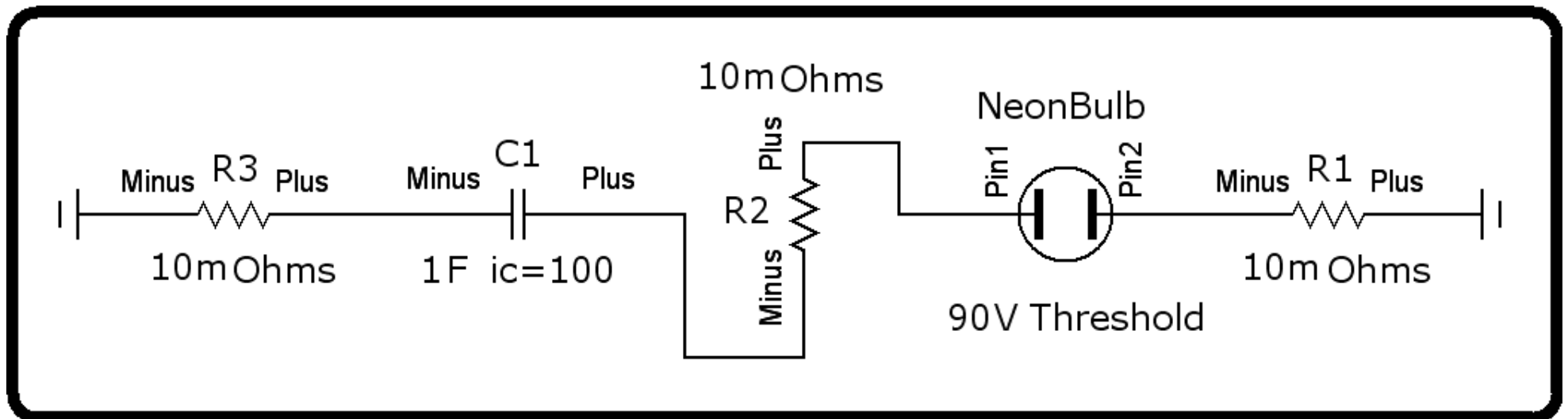


FIG. 42

Precharged Capacitor + Neon Bulb + Ten Milli Ohms Of Resistance.CIR

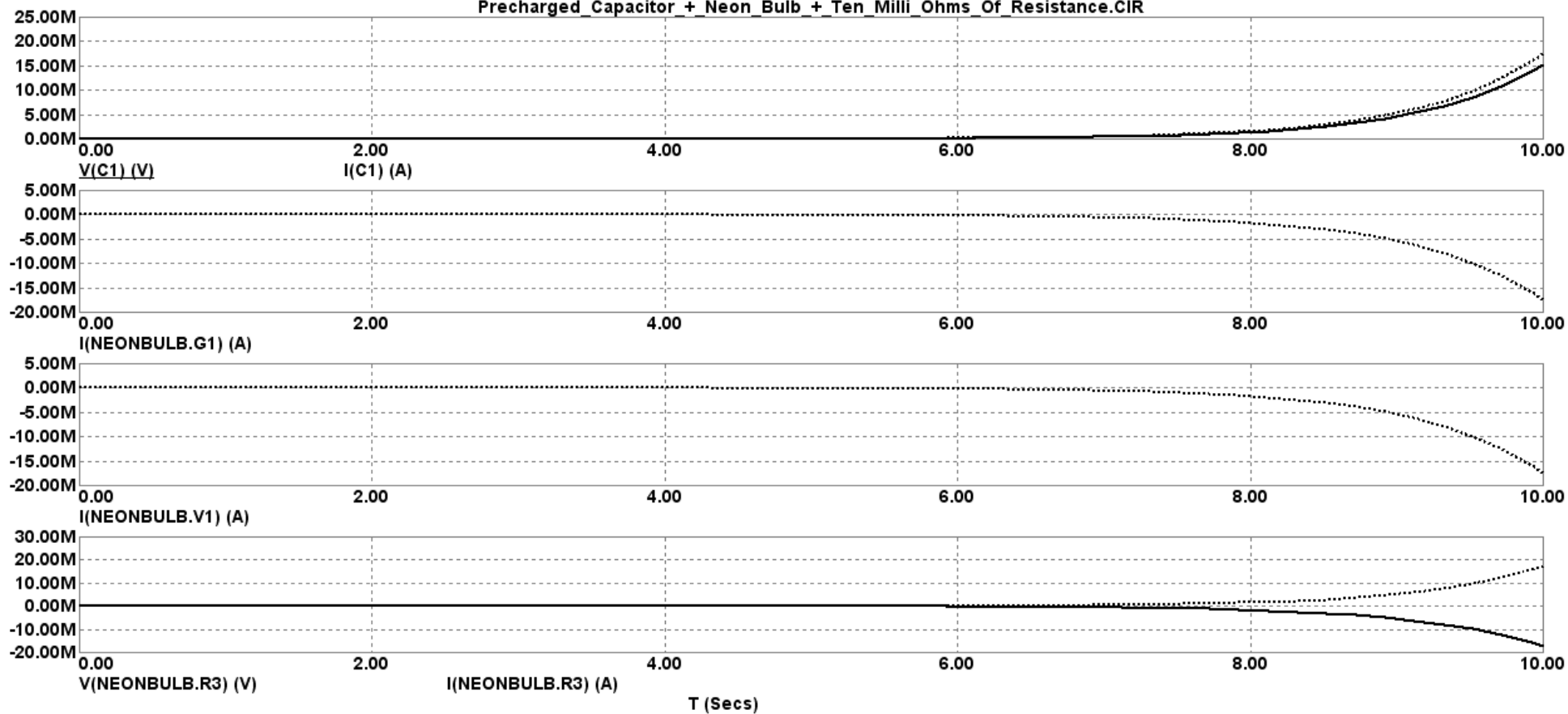


FIG. 43

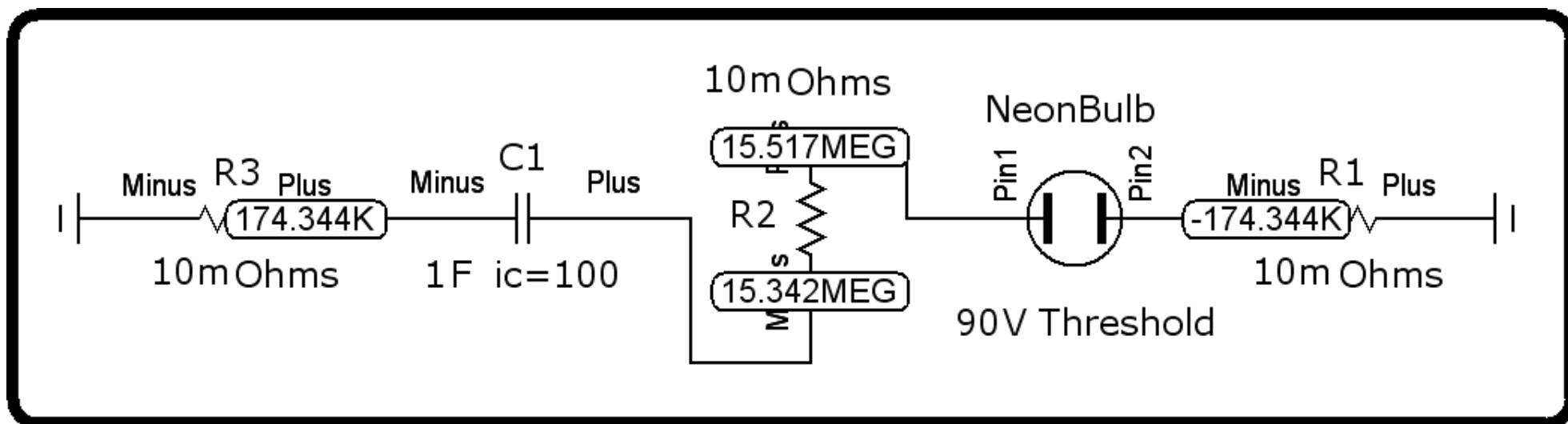


FIG. 44

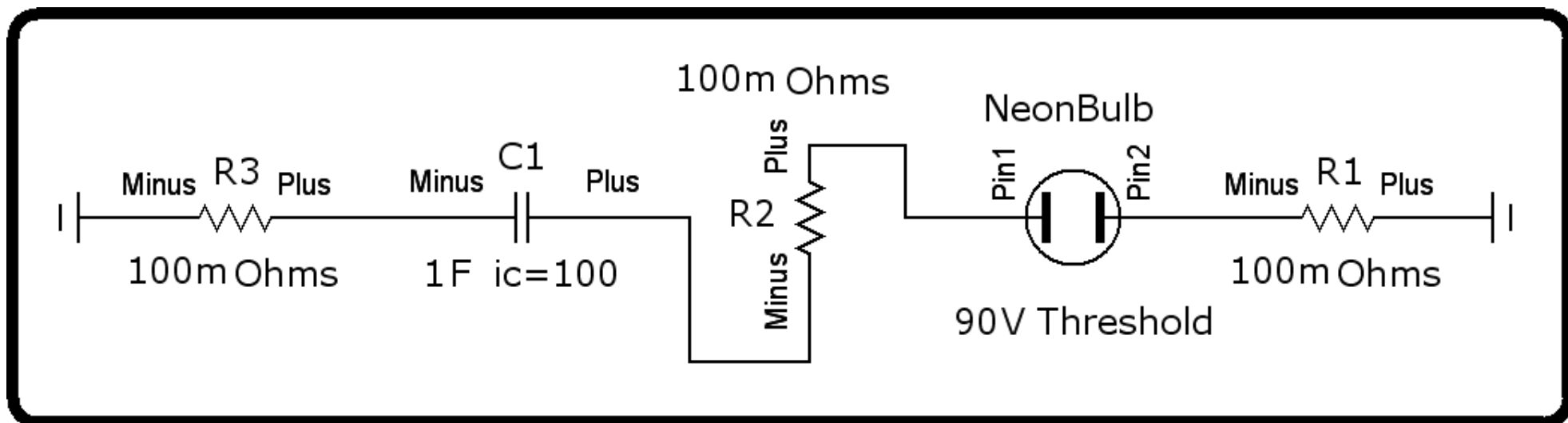


FIG. 45

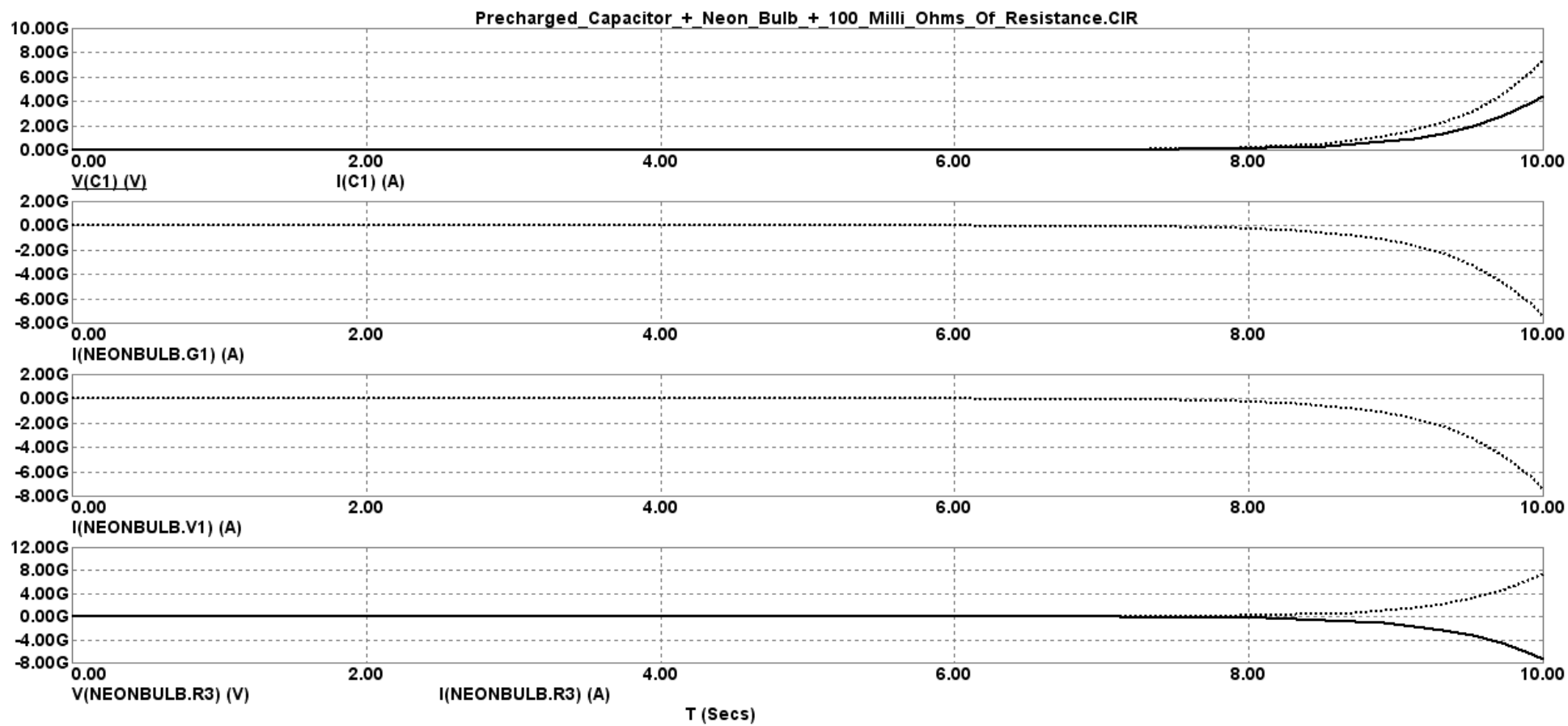


FIG. 46

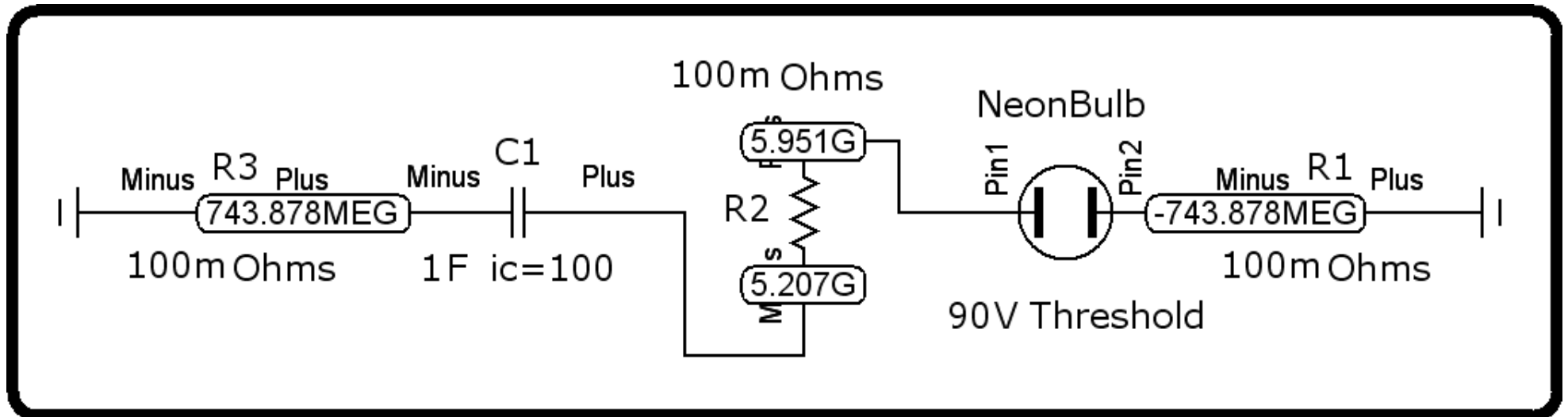


FIG. 47

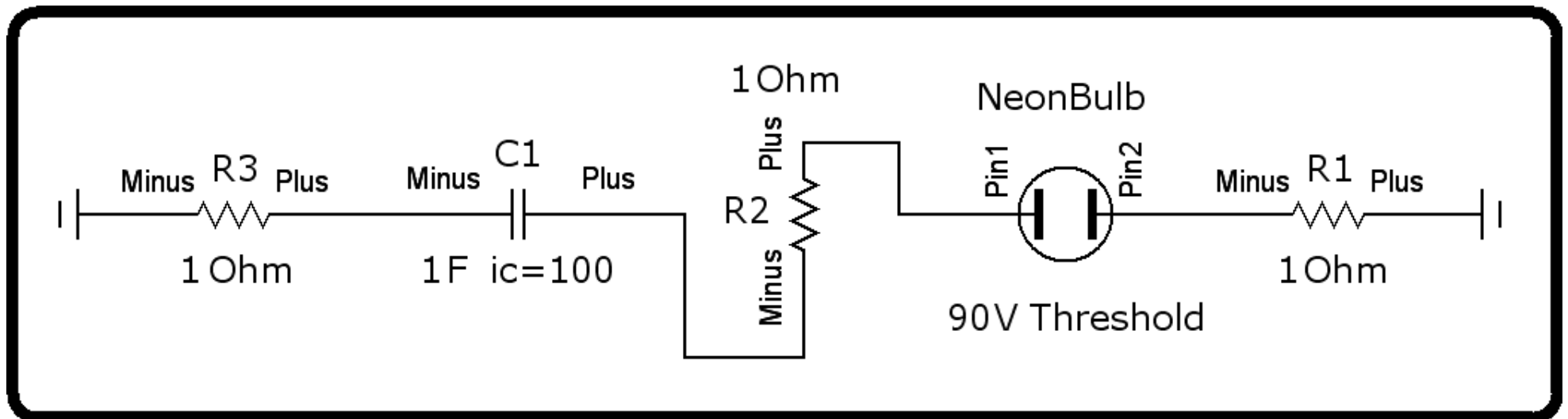


FIG. 48



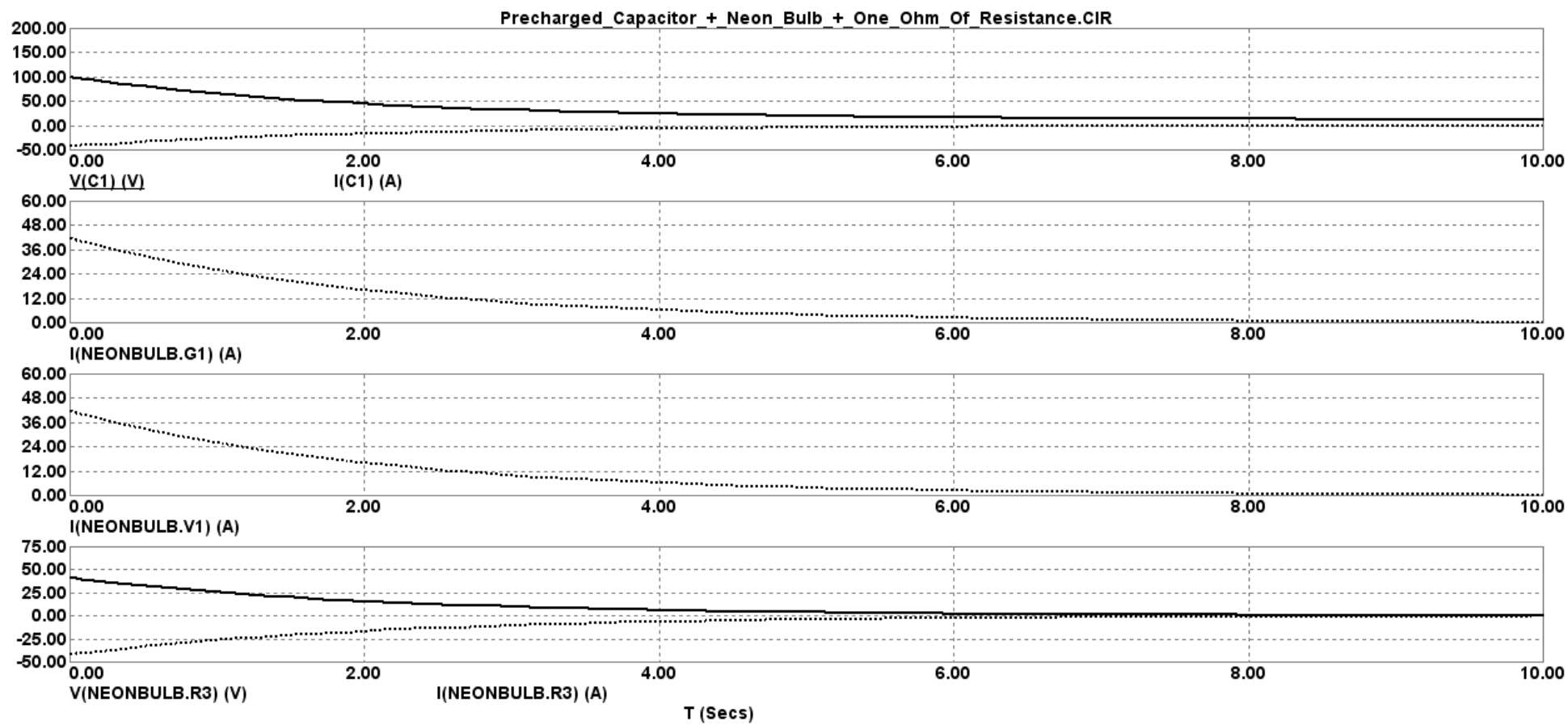


FIG. 49

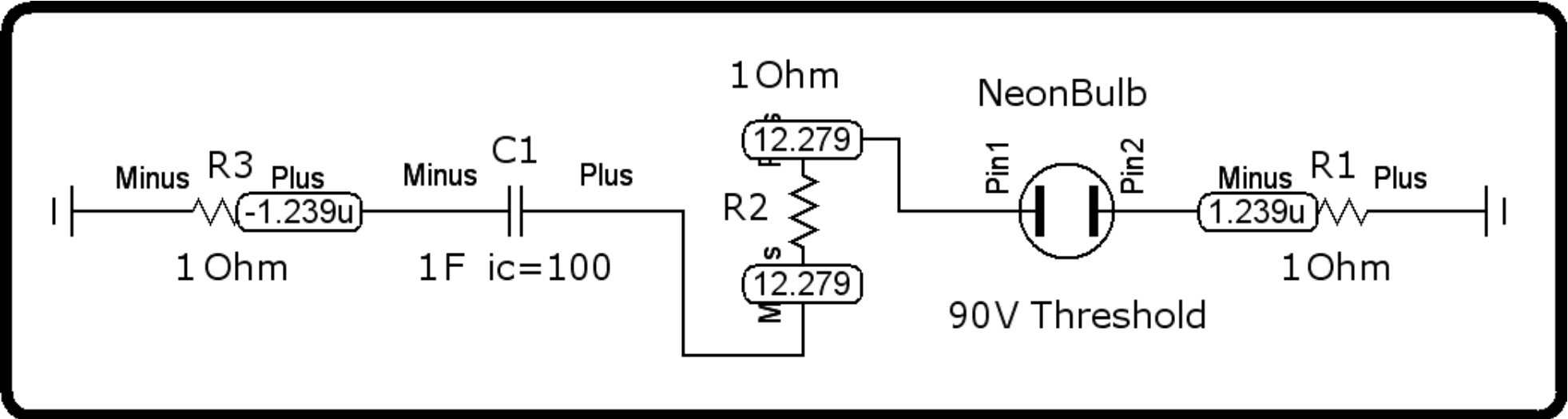


FIG. 50

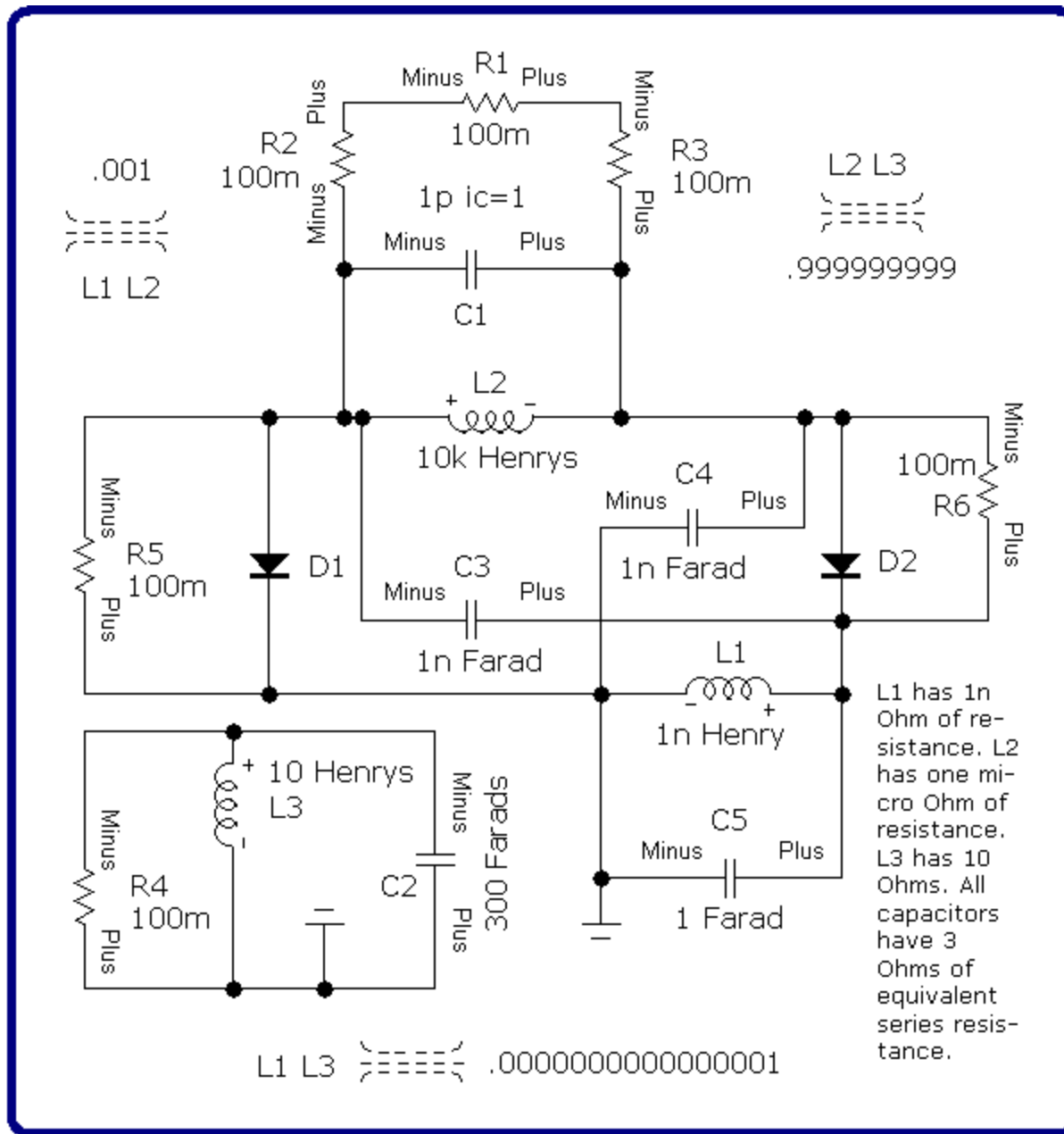


FIG. 51

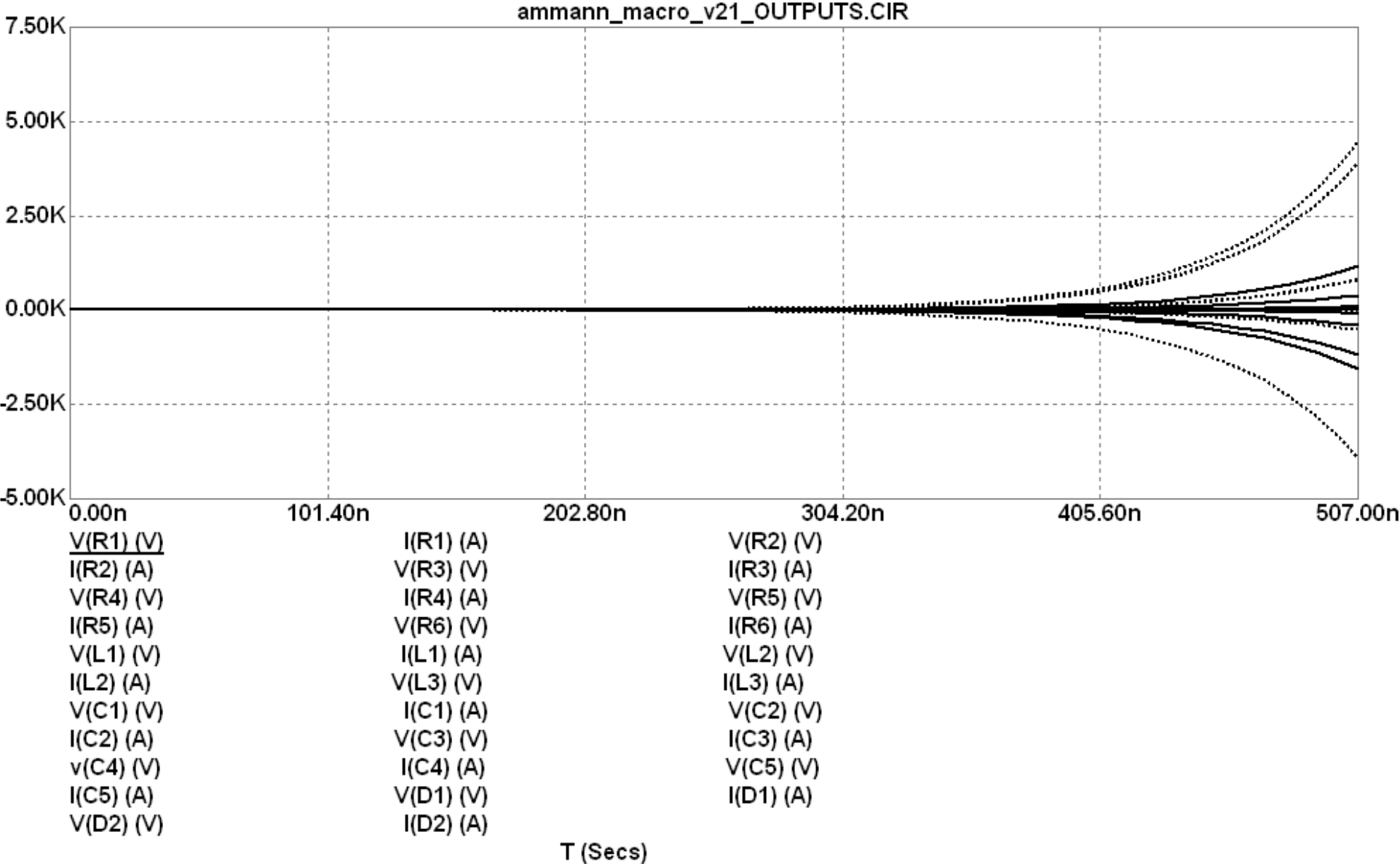


FIG. 52

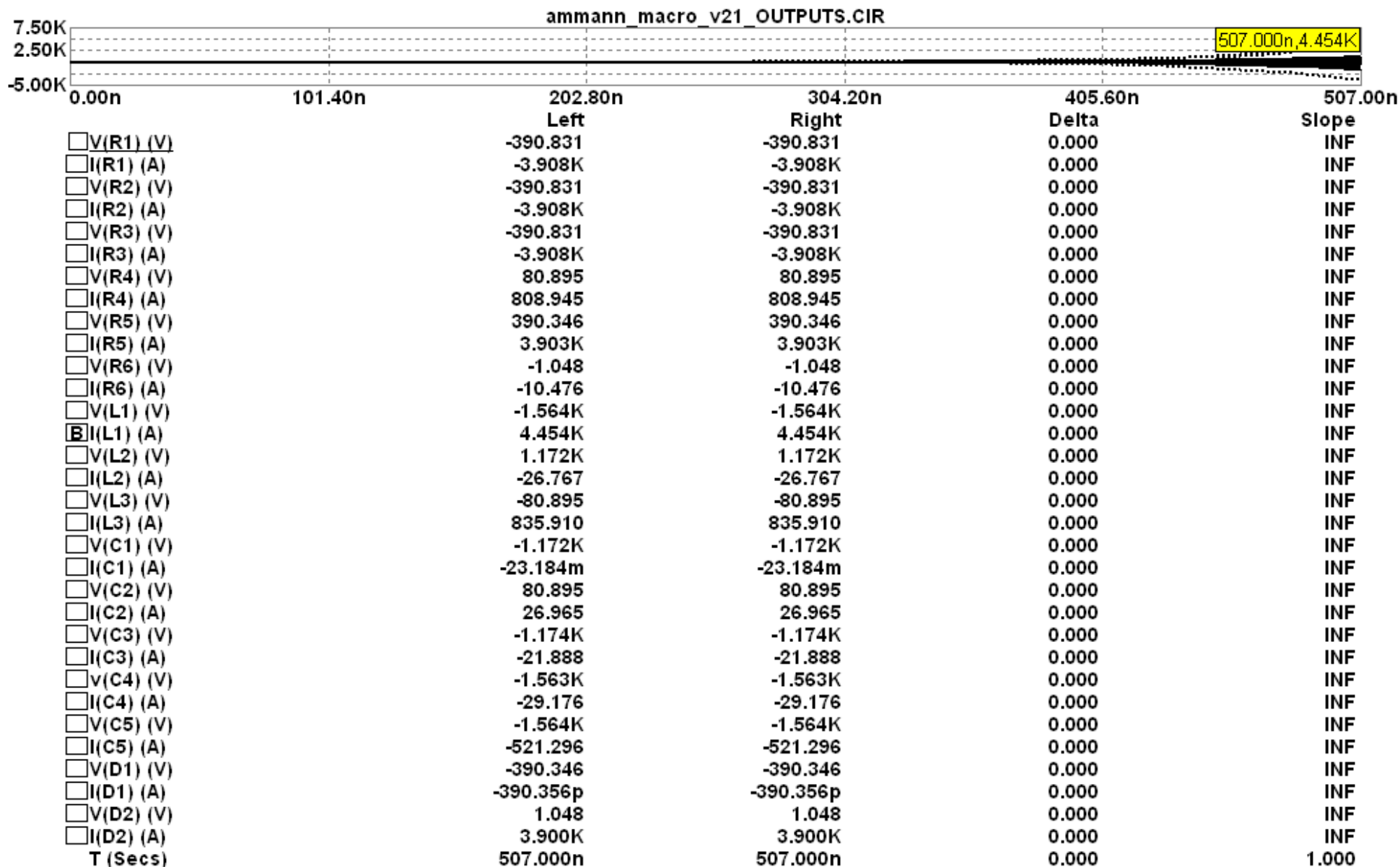


FIG. 53

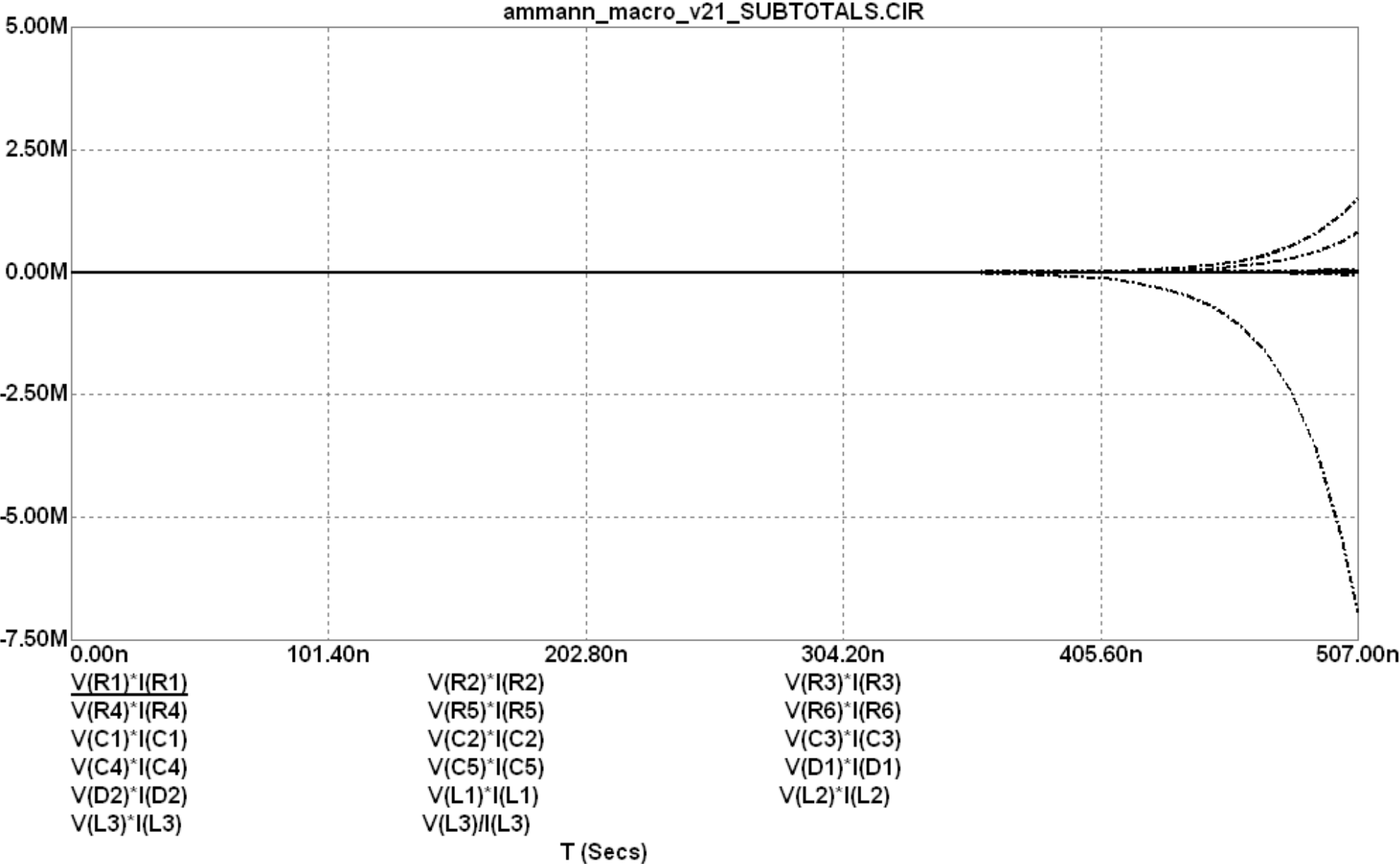
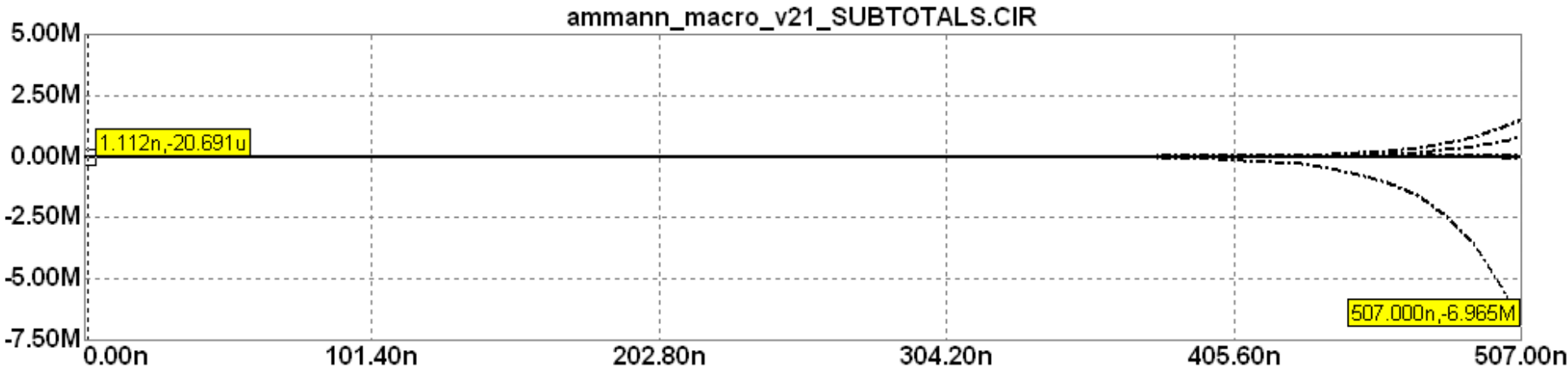


FIG. 54



	Left	Right	Delta	Slope
<input type="checkbox"/> V(R1)*I(R1)	7.344m	1.527M	1.527M	3.019T
<input type="checkbox"/> V(R2)*I(R2)	7.344m	1.527M	1.527M	3.019T
<input type="checkbox"/> V(R3)*I(R3)	7.344m	1.527M	1.527M	3.019T
<input type="checkbox"/> V(R4)*I(R4)	66.514n	65.439K	65.439K	129.355G
<input type="checkbox"/> V(R5)*I(R5)	182.358u	1.524M	1.524M	3.012T
<input type="checkbox"/> V(R6)*I(R6)	182.358u	10.975	10.975	21.695M
<input type="checkbox"/> V(C1)*I(C1)	77.883u	27.183	27.183	53.734M
<input type="checkbox"/> V(C2)*I(C2)	2.217n	2.181K	2.181K	4.312G
<input type="checkbox"/> V(C3)*I(C3)	1.441m	25.687K	25.687K	50.776G
<input type="checkbox"/> V(C4)*I(C4)	1.441m	45.597K	45.597K	90.132G
<input type="checkbox"/> V(C5)*I(C5)	1.765m	815.248K	815.248K	1.612T
<input type="checkbox"/> V(D1)*I(D1)	0.026f	152.374n	152.374n	301.201m
<input type="checkbox"/> V(D2)*I(D2)	0.025f	4.086K	4.086K	8.077G
<input checked="" type="checkbox"/> V(L1)*I(L1)	-20.691u	-6.965M	-6.965M	-13.769T
<input type="checkbox"/> V(L2)*I(L2)	-27.100m	-31.384K	-31.384K	-62.038G
<input type="checkbox"/> V(L3)*I(L3)	-68.731n	-67.621K	-67.621K	-133.667G
<input type="checkbox"/> V(L3)II(L3)	-96.774m	-96.774m	214.354n	423.717m
T (Secs)	1.112n	507.000n	505.888n	1.000

FIG. 55

ammann\_macro\_v21\_TOTAL.CIR

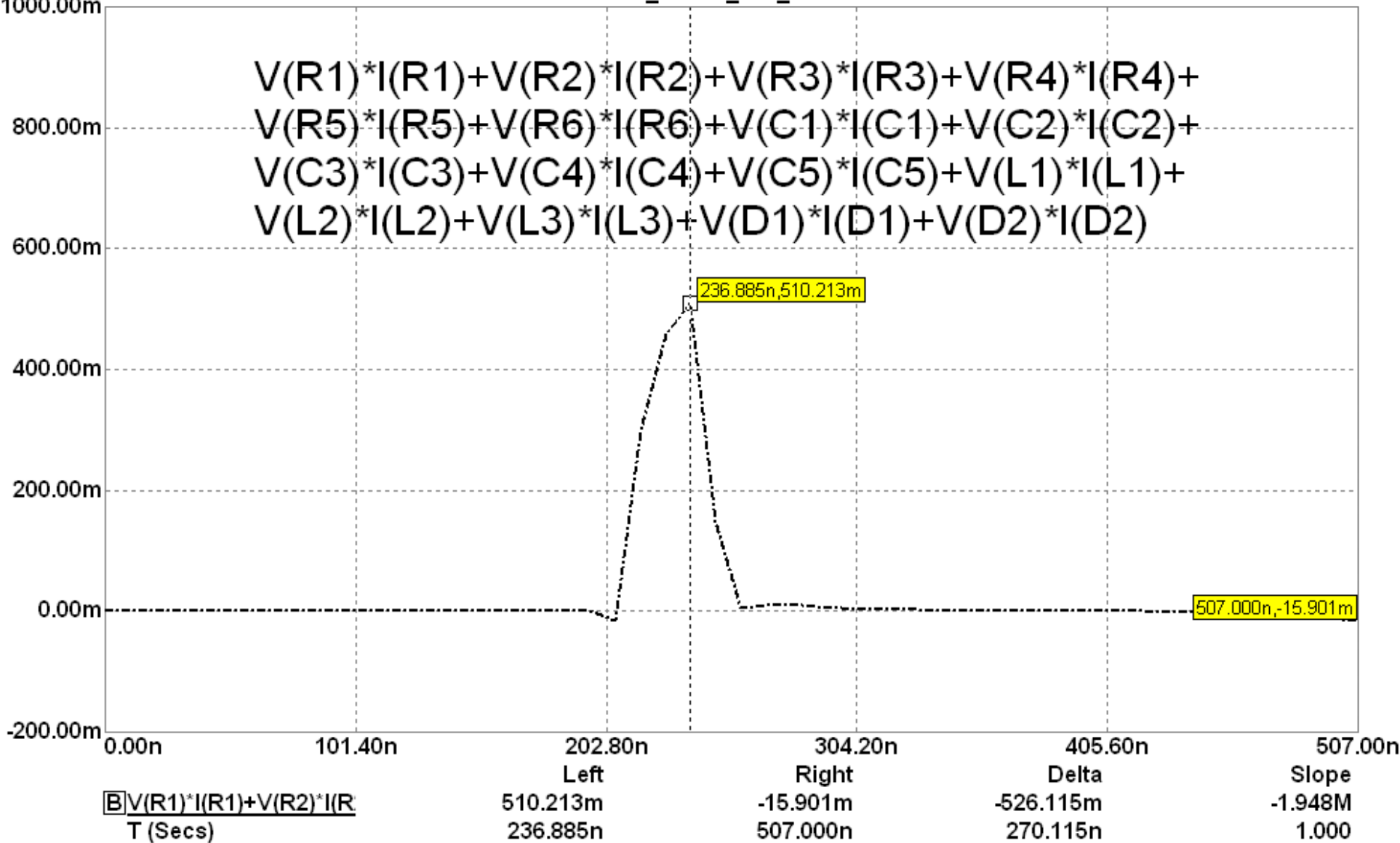
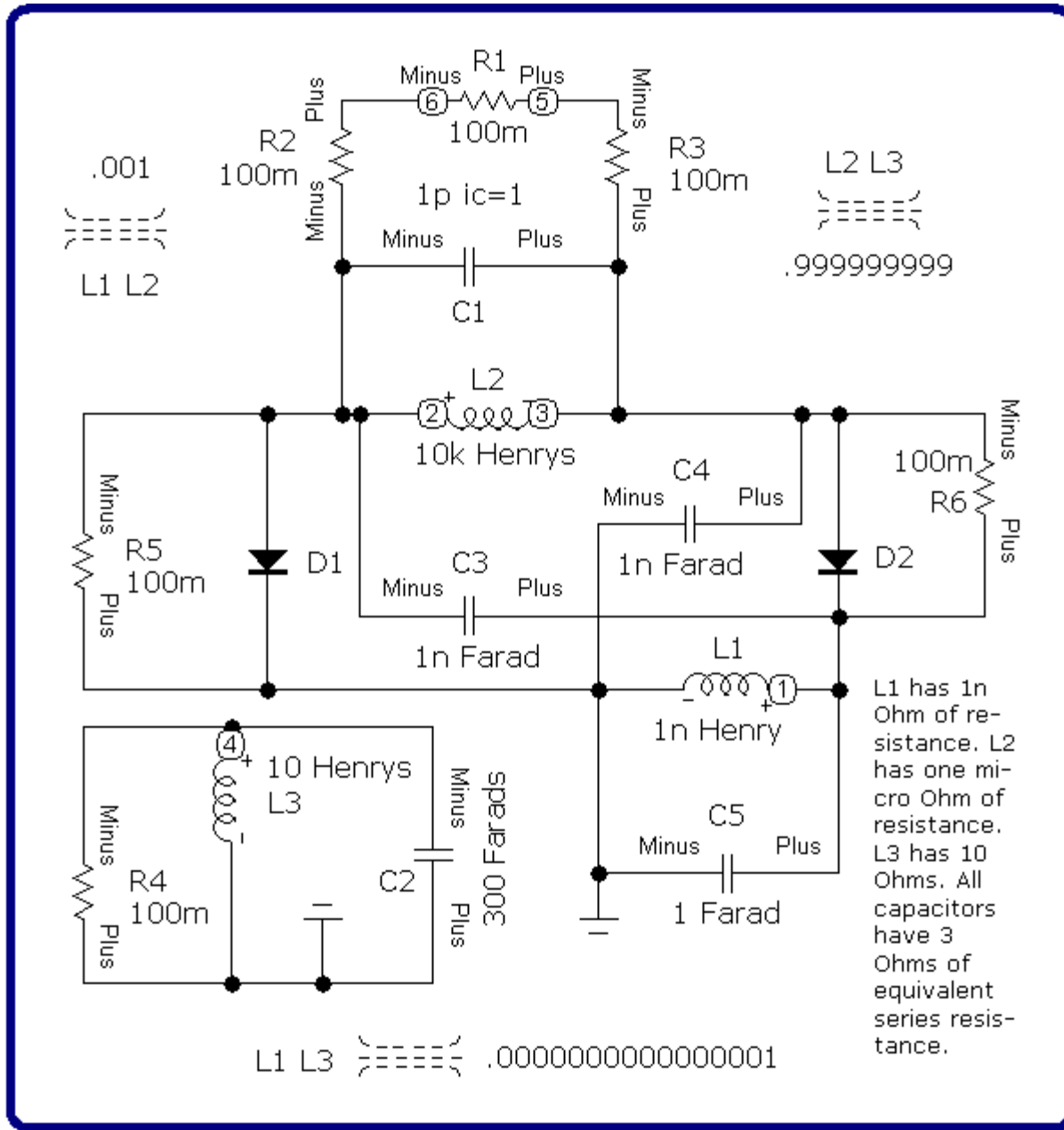


FIG. 56





**FIG. 57**

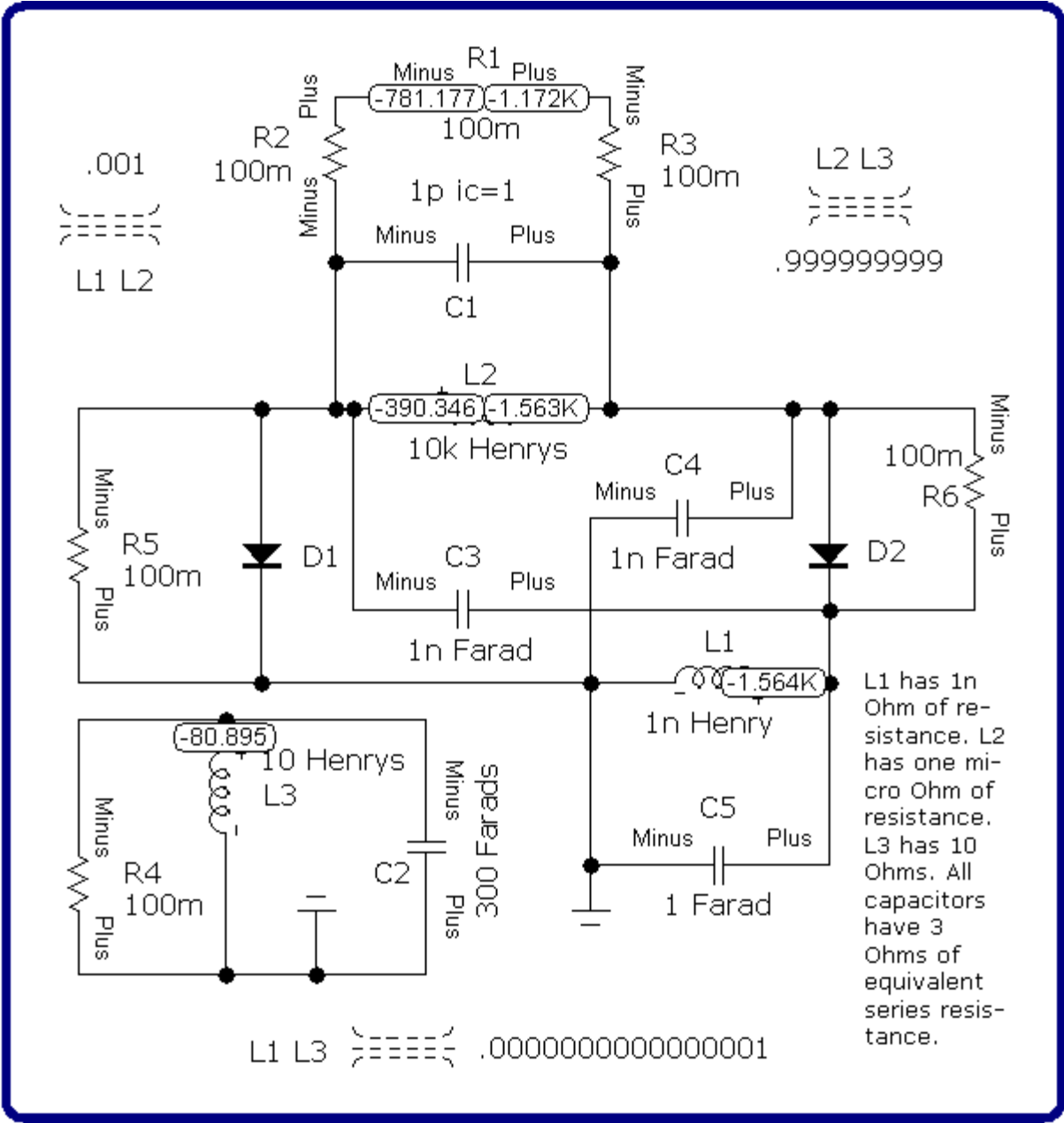
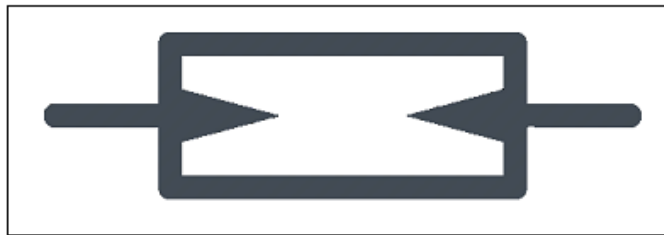
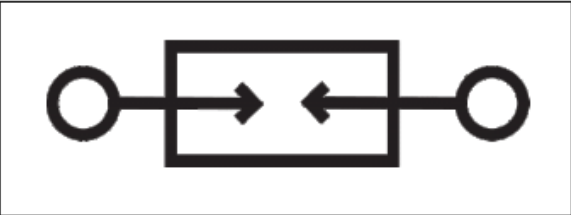
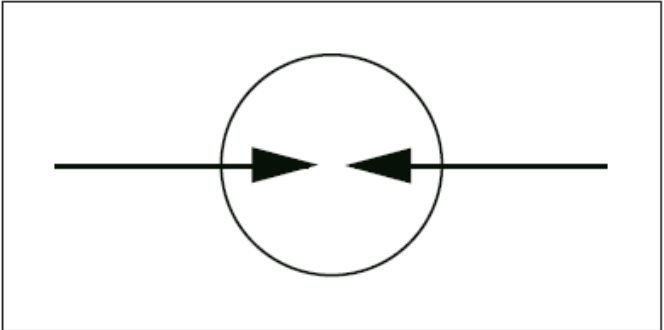
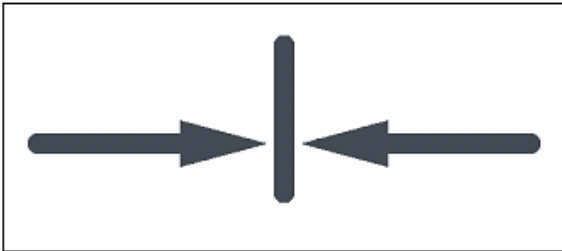
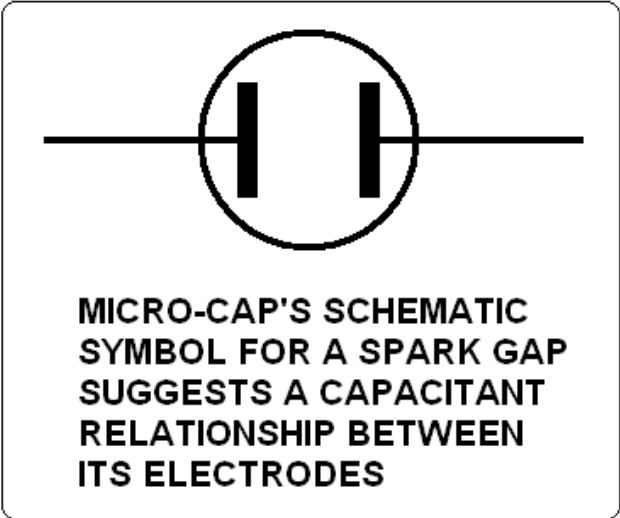


FIG. 58



COMMON ALTERNATIVE SCHEMATIC SYMBOLS FOR A SPARK GAP RESEMBLING TWO DIODES WHOSE CATHODES APPEAR TO BE FACING EACH OTHER

FIG. 59

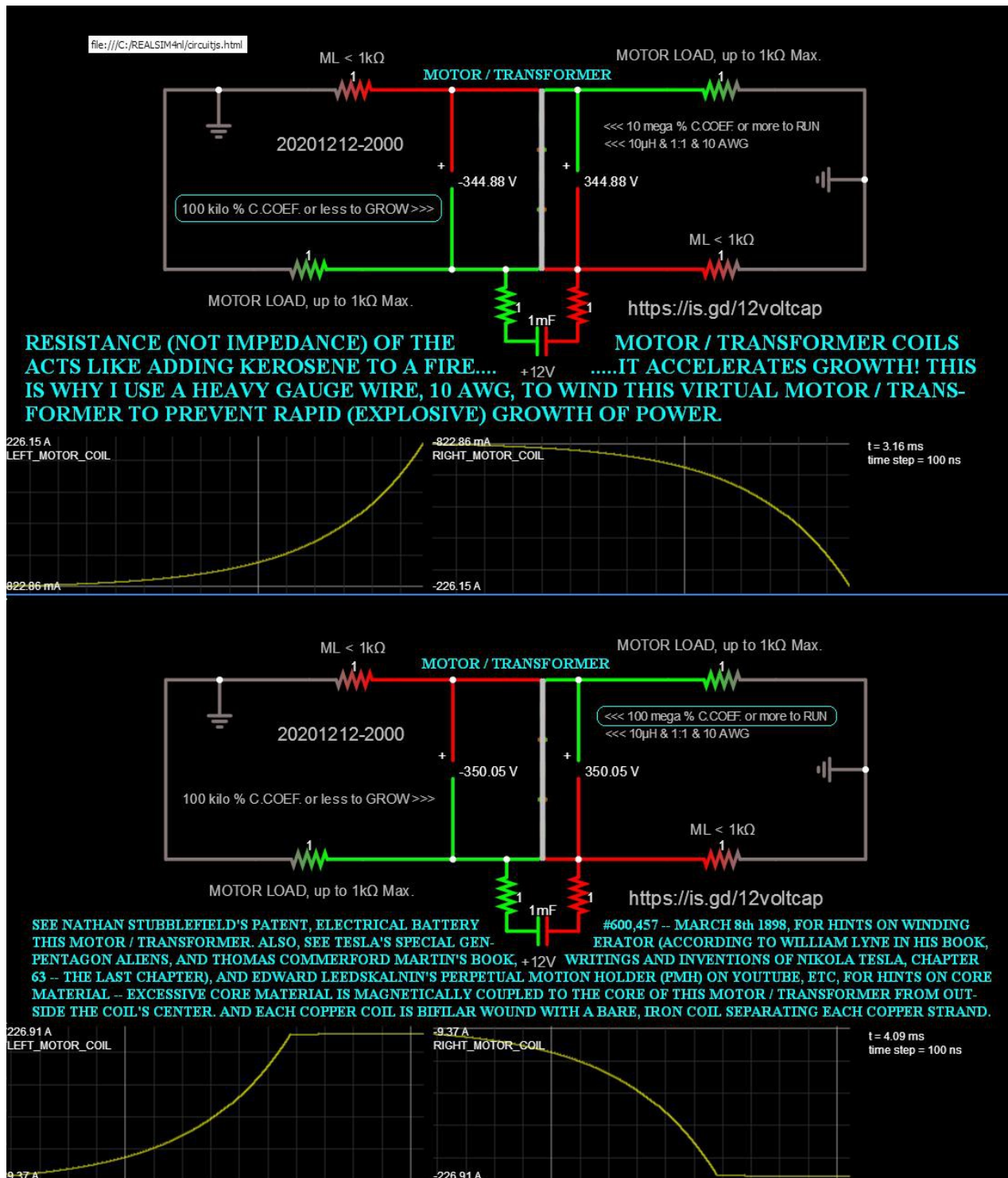


FIG. 60

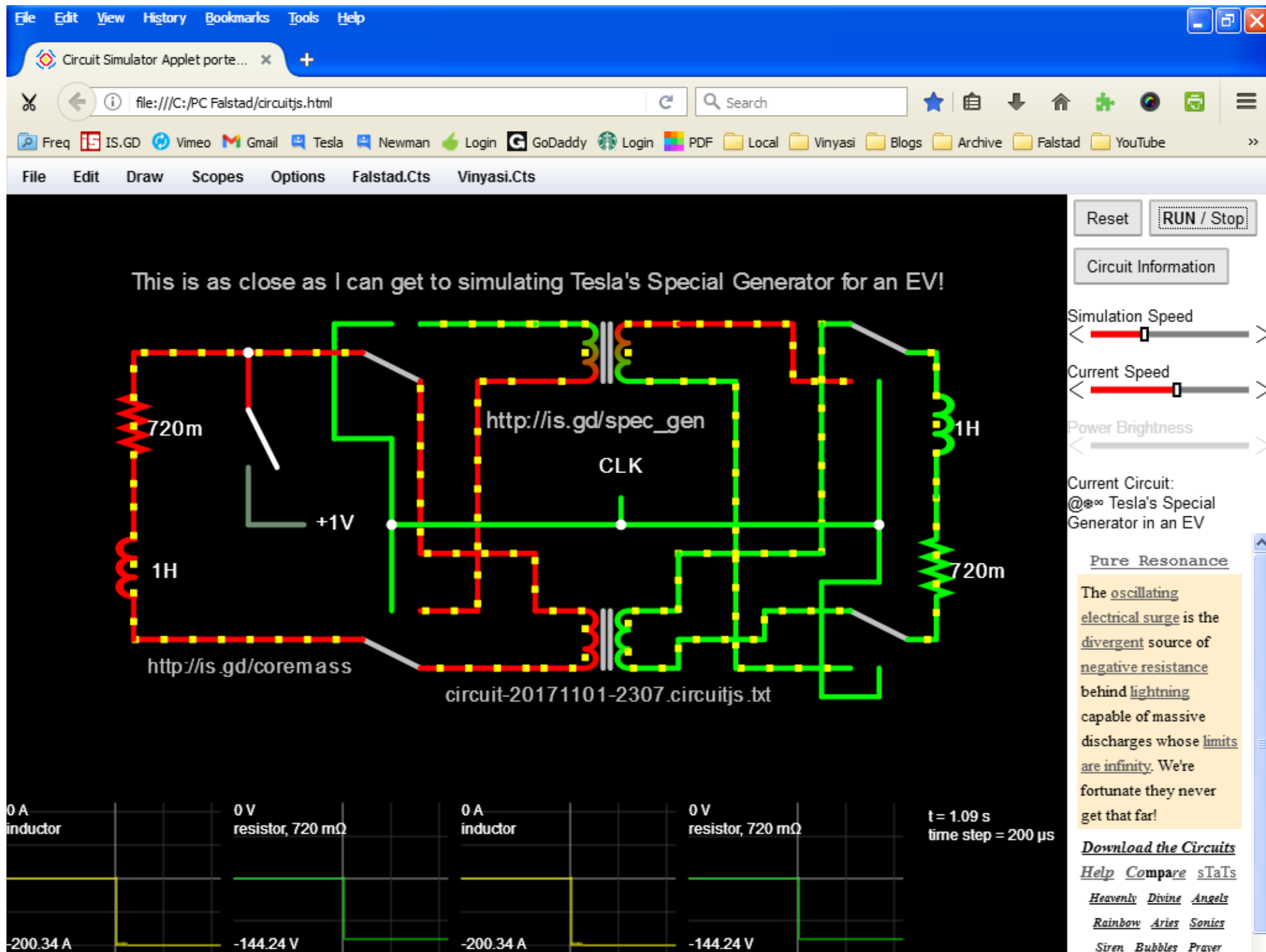


FIG. 61

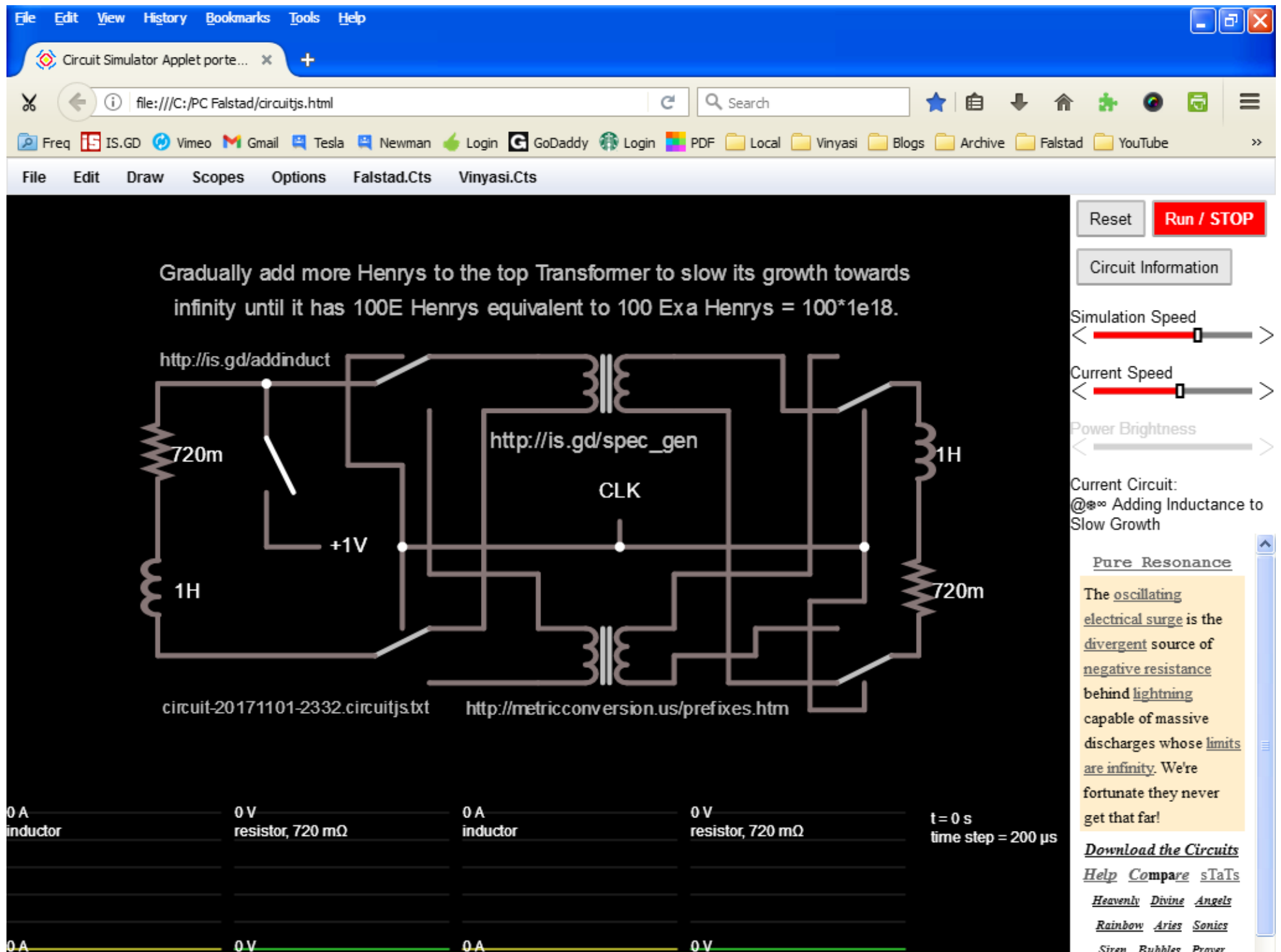
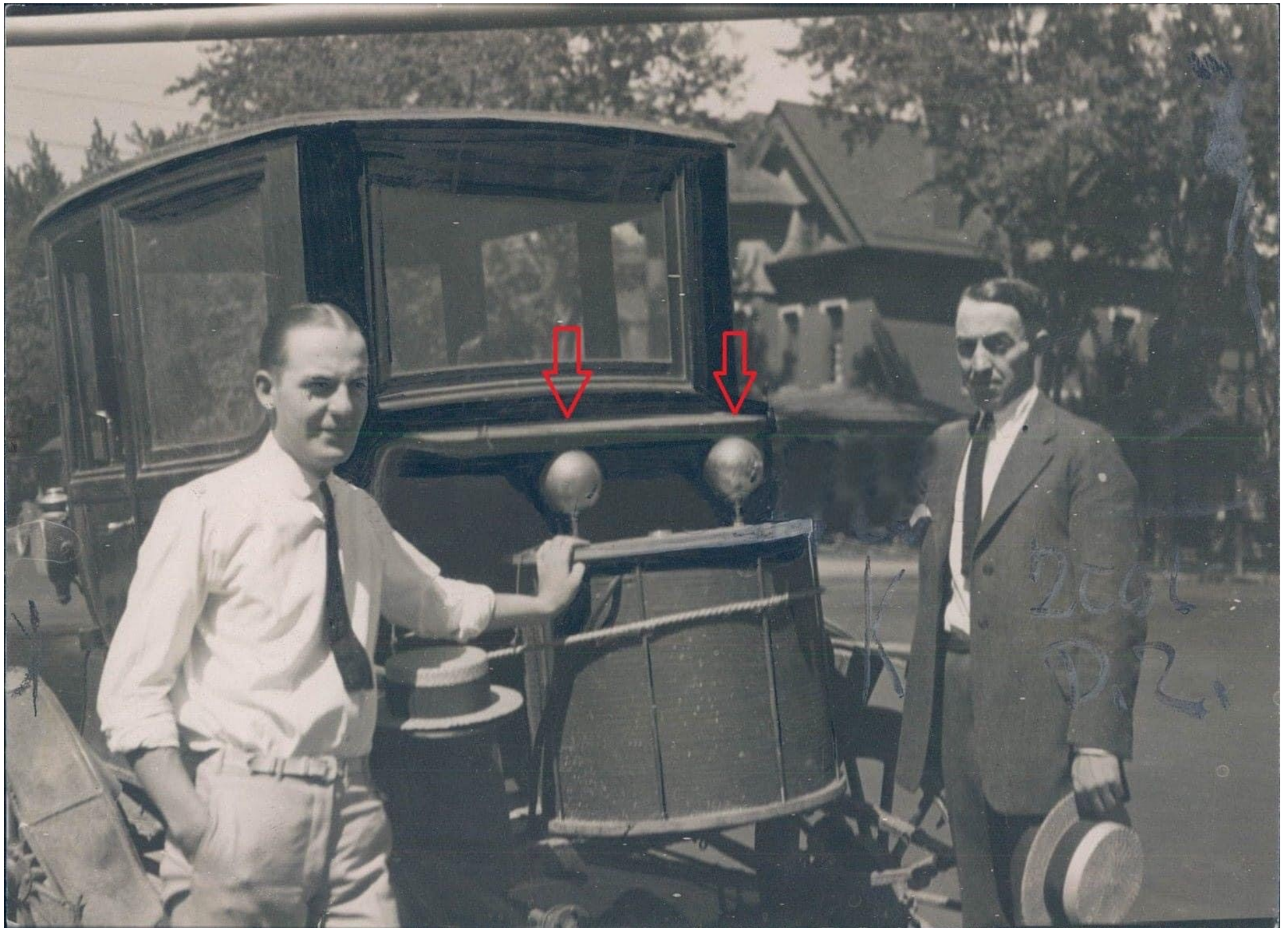


FIG. 62

FIG. 63

63/64



## SUBSTANTIAL CUT IN PIERCE-ARROW PRICE ANNOUNCED

A substantial reduction in the prices of its touring car models effective after September 1, and a reduction on the prices of its truck models, effective immediately, has been announced by George W. Mixer, president of the Pierce-Arrow Motor Car company.

The new price of the standard seven-passenger touring car is \$6,500 at the factory, the inclosed car prices being graded proportionately.

The new prices of its truck models are: \$4,950 for the five-ton size; \$4,350 for the 3½-ton and \$3,200 for the 2-ton.



**This Tire**

## ELECTRICITY "TAKEN FROM AIR" DRIVES AUTOMOBILE



C. E. AMMANN AND HIS "ATMOSPHERIC GENERATOR" ATTACHED TO AN ELECTRIC AUTOMOBILE

DENVER, Colo., Aug. 26.—Demonstrations are being made on the streets of Denver of a new electric generator that is claimed by the inventors to take electricity from the air.

The inventors are J. E. Ammann of Denver, and his brother, C. E. Ammann of Spokane, Wash.

To demonstrate, the brothers borrowed an old electric auto, took out the batteries, and after roping their new "atmospheric generator" fast, they got in and rode off at high speed.

"There is nothing inside the drum that moves; the contents consists only of iron, wire and minerals," says C. E. Ammann.

"It can be used to drive any electrical apparatus and can be made in any size."

The brothers are closely guarding their secret, and even take their "brain-child" when it is not in use, to their room in the Argonaut hotel.

So far the brothers have not offered to sell their proposition.

Electrical men in Denver are waiting "to be shown," but they grant the thing works.

**AUTO INSURANCE**

balance bodies was the highlight of

## "New C

Buys a brand new s  
\$1,625.00 f. o. b. P  
automobile. The fa  
them to some other  
cost of re-shipment  
make special terms  
cars. There are onl

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The same m  
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excellent satisfact  
saving on a high-  
pay you to buy an

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\$2,700.00 truck cha  
curtains . . . . .  
\$3,000.00 truck cha  
open express bod

All of the al  
This offer w  
few days only. If  
given to ship them

## "TWO REAL

Dodge Coupe  
car for private use  
1921 Nash 7  
extra equipment. I  
covers and will m  
Special terms on e

Then we hav  
Dodge Com  
Ford Coupe  
Hudson Sup  
1921 Essex

FIG. 64