

① CHARLIE PATTON

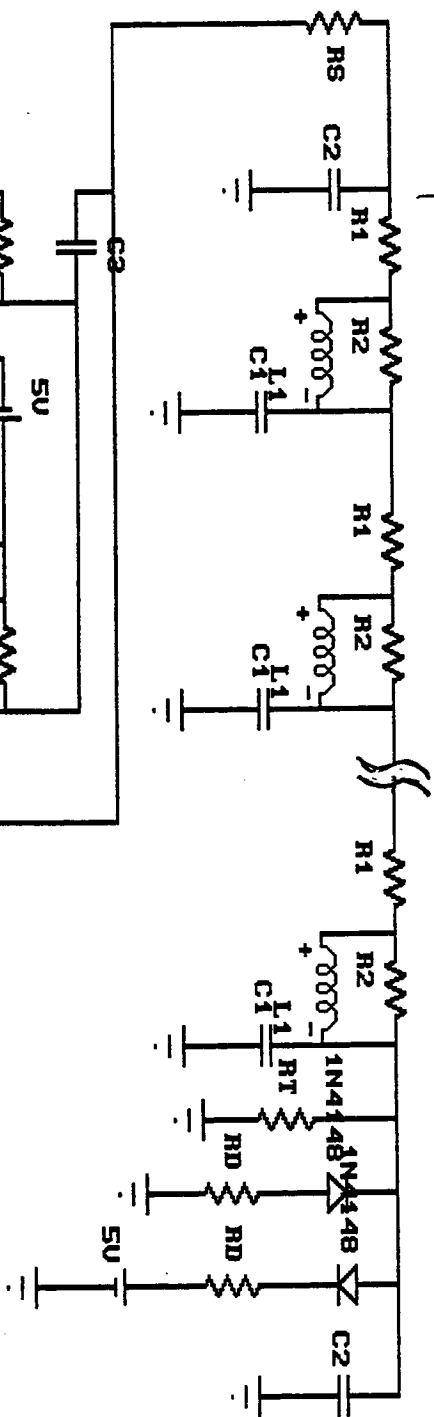
10/2 CCK

AST10/95-167

TO: AT&T W.G.

18" CBL SIM

6 - LC SECTIONS TOTAL



#DEFINE R1 8E-2  
 #DEFINE R2 2E3  
 #DEFINE L1 80E-9  
 #DEFINE C1 5.5E-12

#DEFINE R8 [1][00]  
 #DEFINE R1 10E3  
 #DEFINE RD 30

#DEFINE C2 10E-12  
 #DEFINE R4 10E6  
 #DEFINE R5 500  
 #DEFINE C3 6E-12

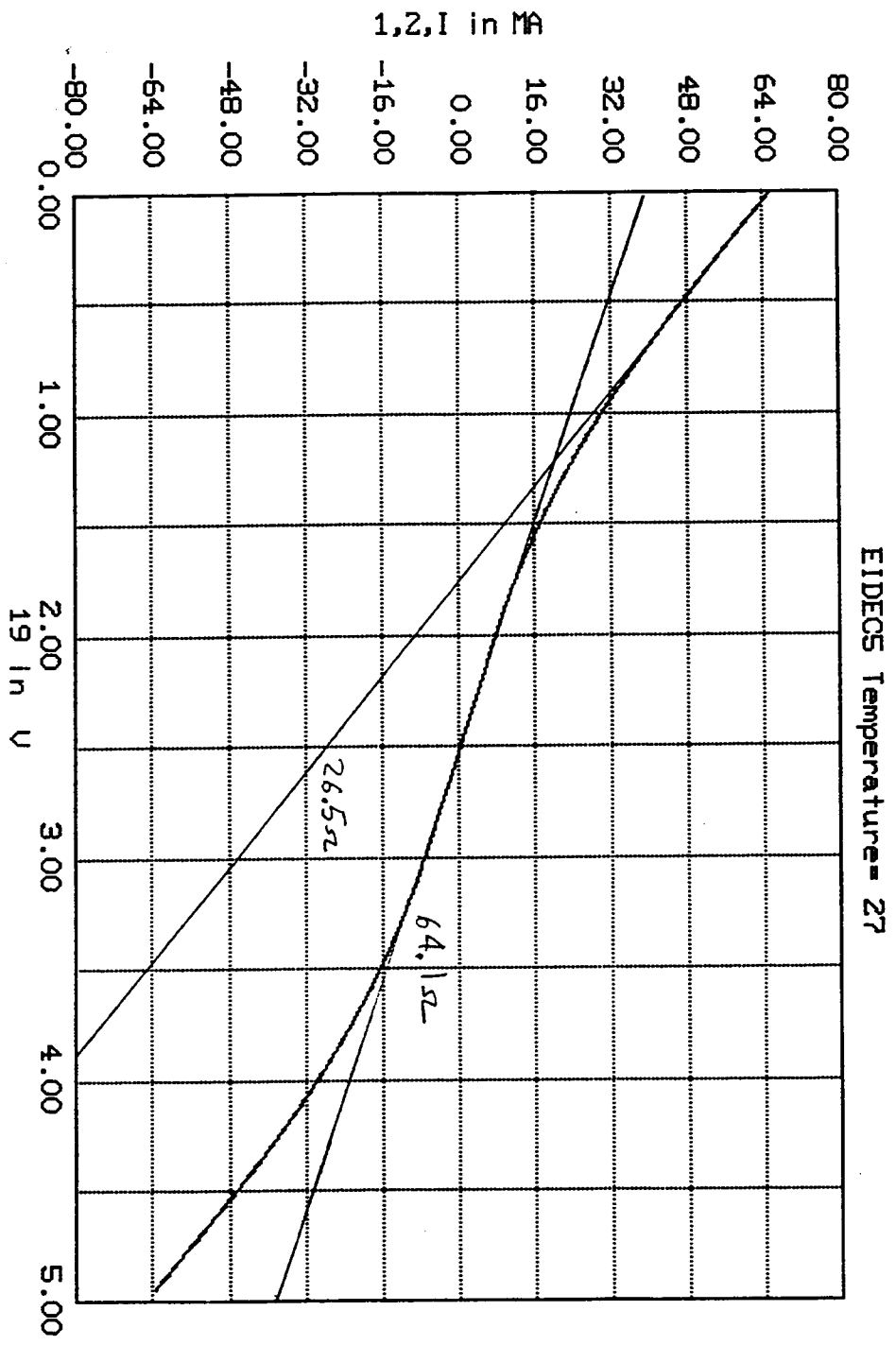
[10]  
 [E-14]

20NS  $t_{r/f}$  TIMES (0.02 K $P/24\mu$ A)  
 0.8NS  $t_{r/f}$  TIMES (0.02 K $P/24\mu$ A)  
 (GOOD FOR  $V_{f}$  CURVES)  
 $\Rightarrow$  2NS  $t_{r/f}$  CABLE END

202

2

10/27/94 CCR

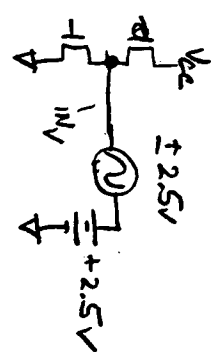


$I_{OH,OL} = 18 \text{ mA}$   
 $Q_{16}, Q_{17}$   
 $K_P = 0.015$

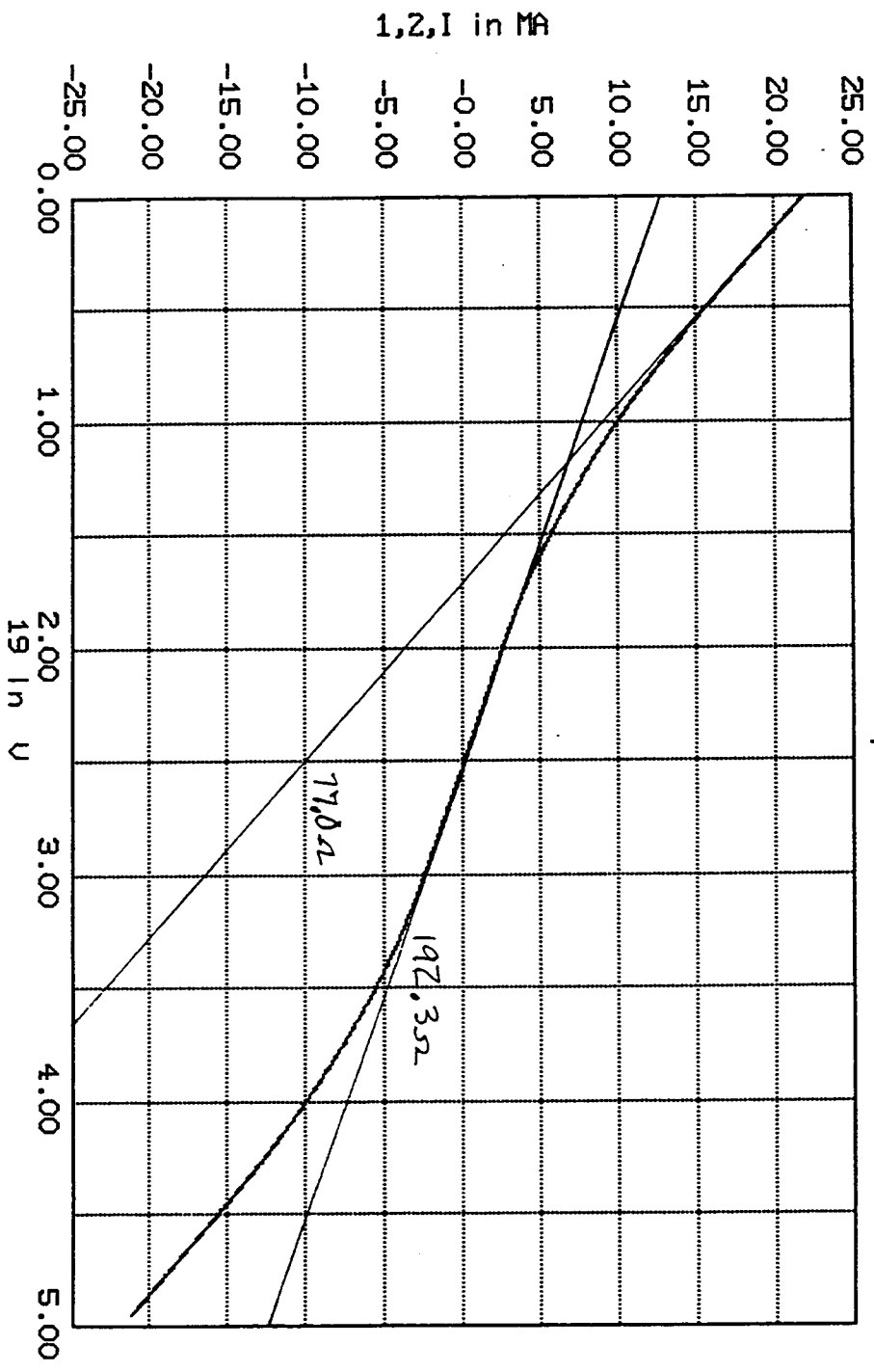
012

(3)

10/27/94 CLK



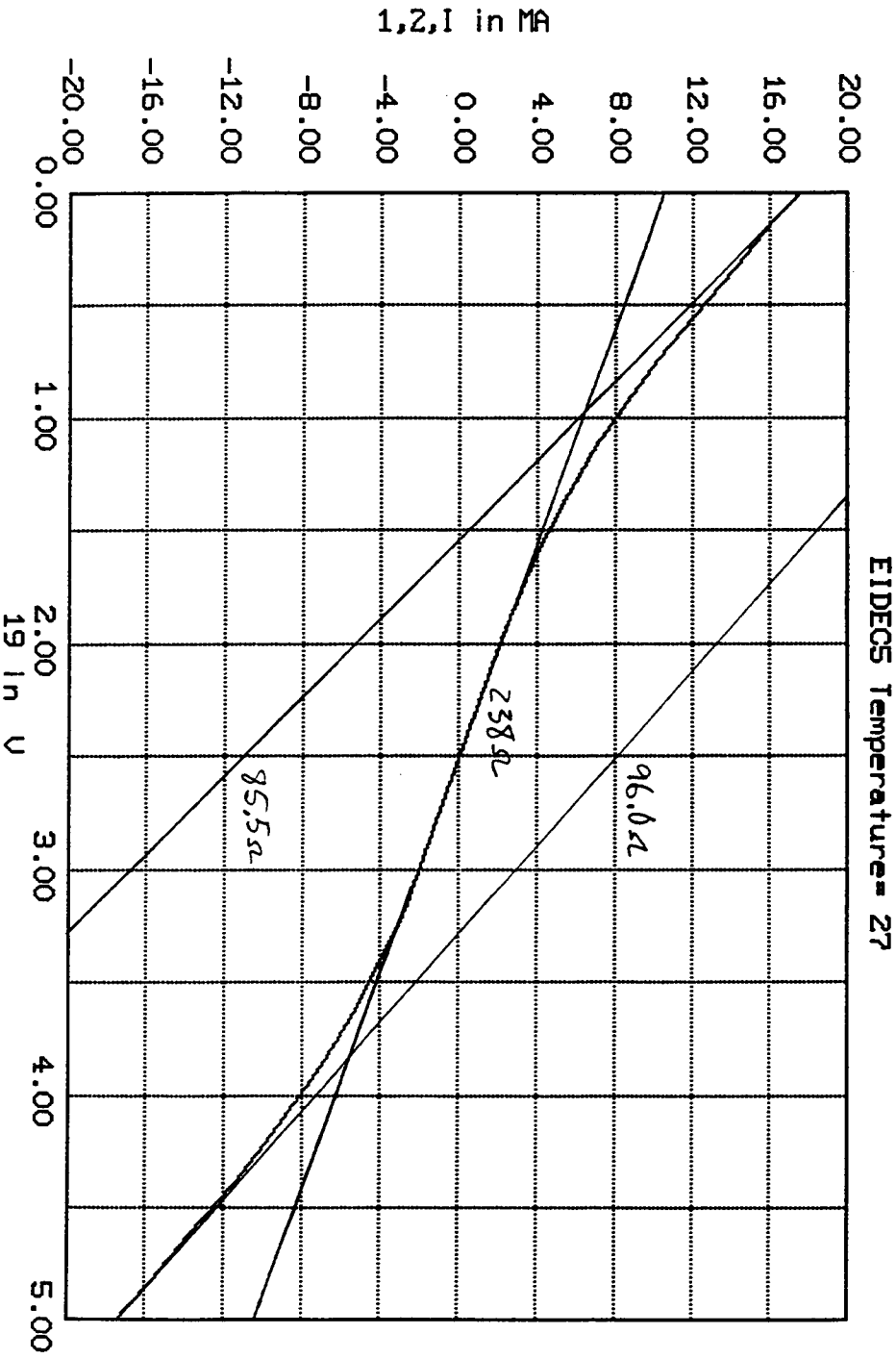
EIDECS Temperature = 27



$I_{OH,OL} = 6mA$   
 Q28, Q29  
 $K_p = 0,005$

11

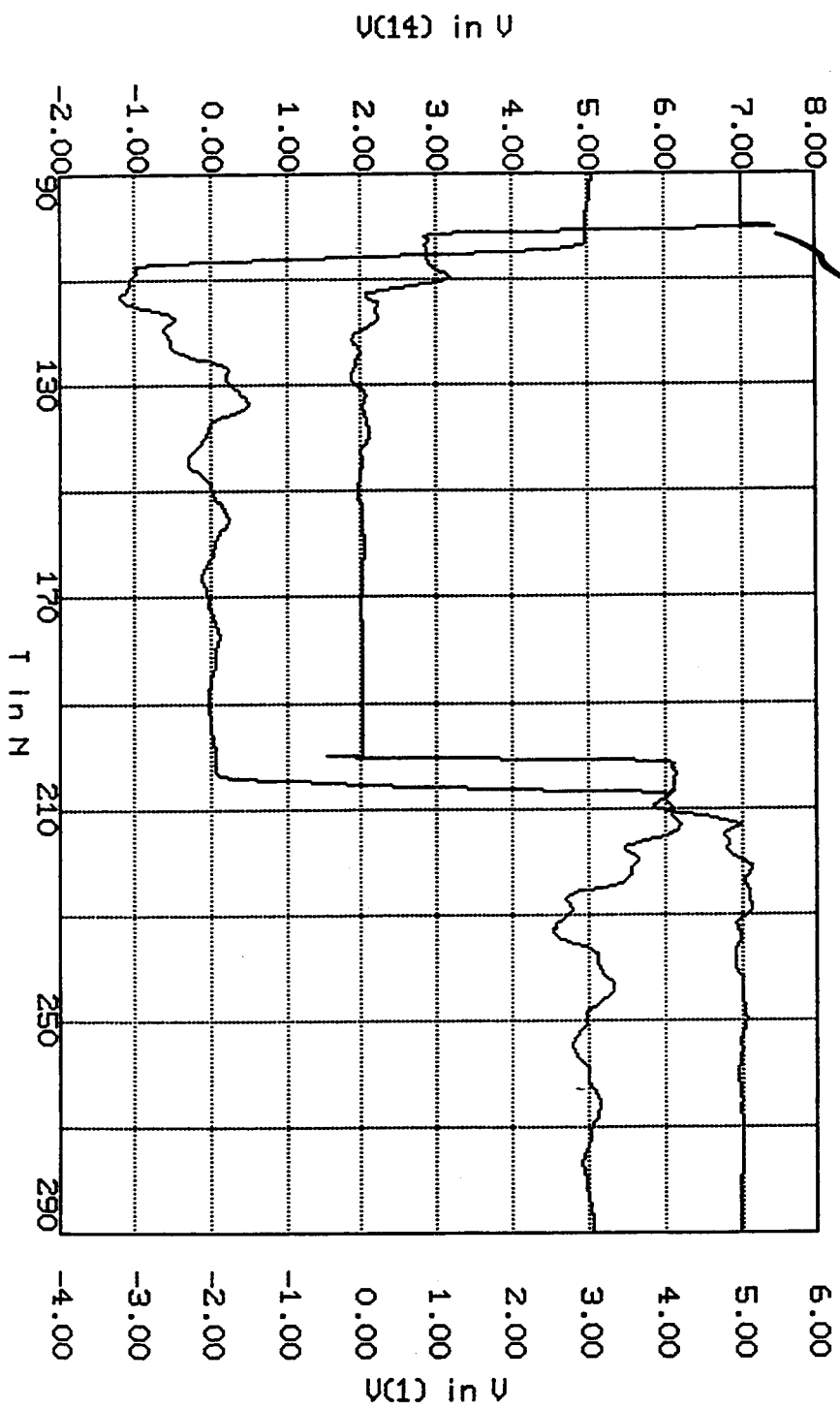
(14)



$I_{OH,OL} = 4.8 \text{ mA}$   
 $R_b, R_1$   
 $K_p = 0.004$

5

10/2, 14 CLK



*Handwritten note:* 2.00 V

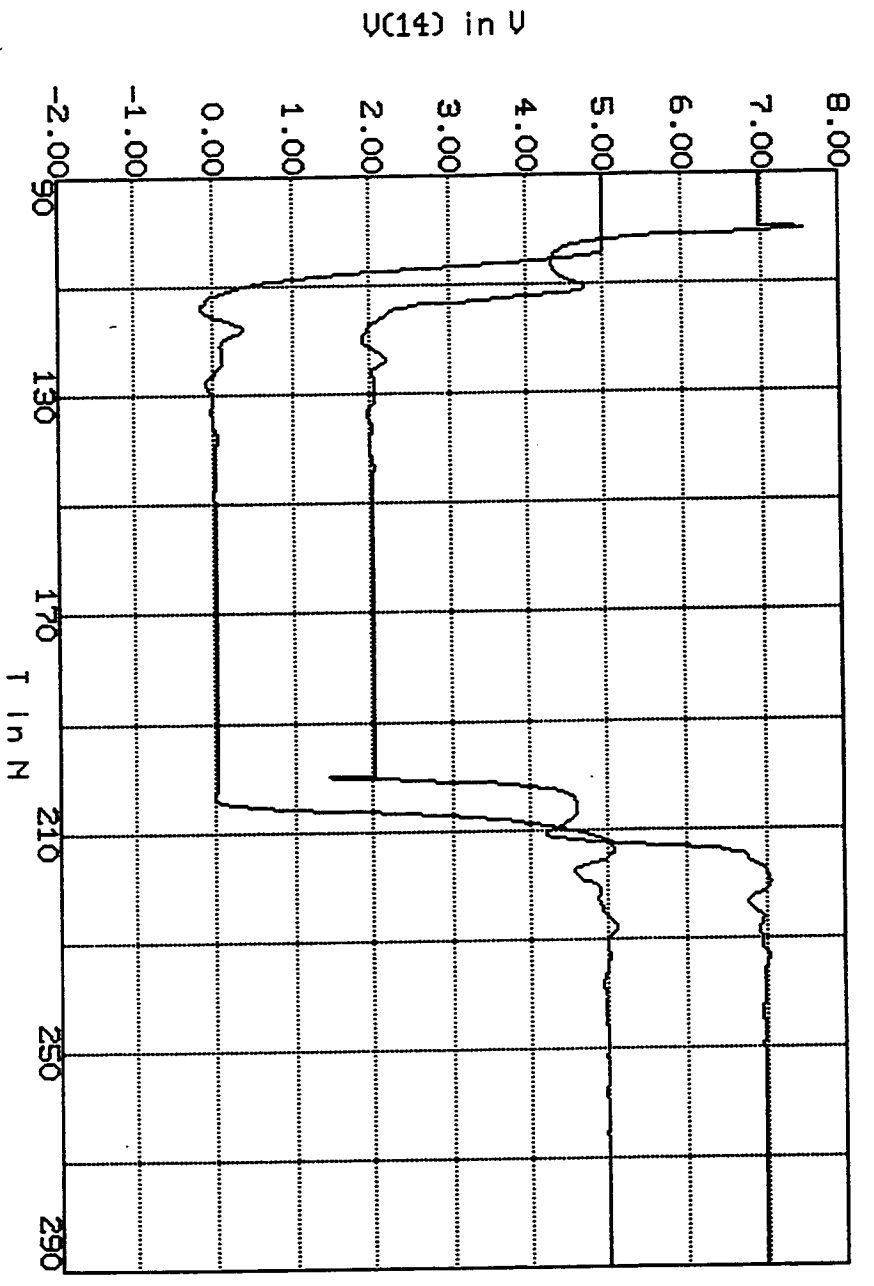
*Handwritten note:* 1800000 1000000

$I_{OH,OL} = 18 \text{ mA}$   
 Q16, Q17  
 $K_P = 0.015$

012

6

EIDEC5 Temperature = 27  
T in N



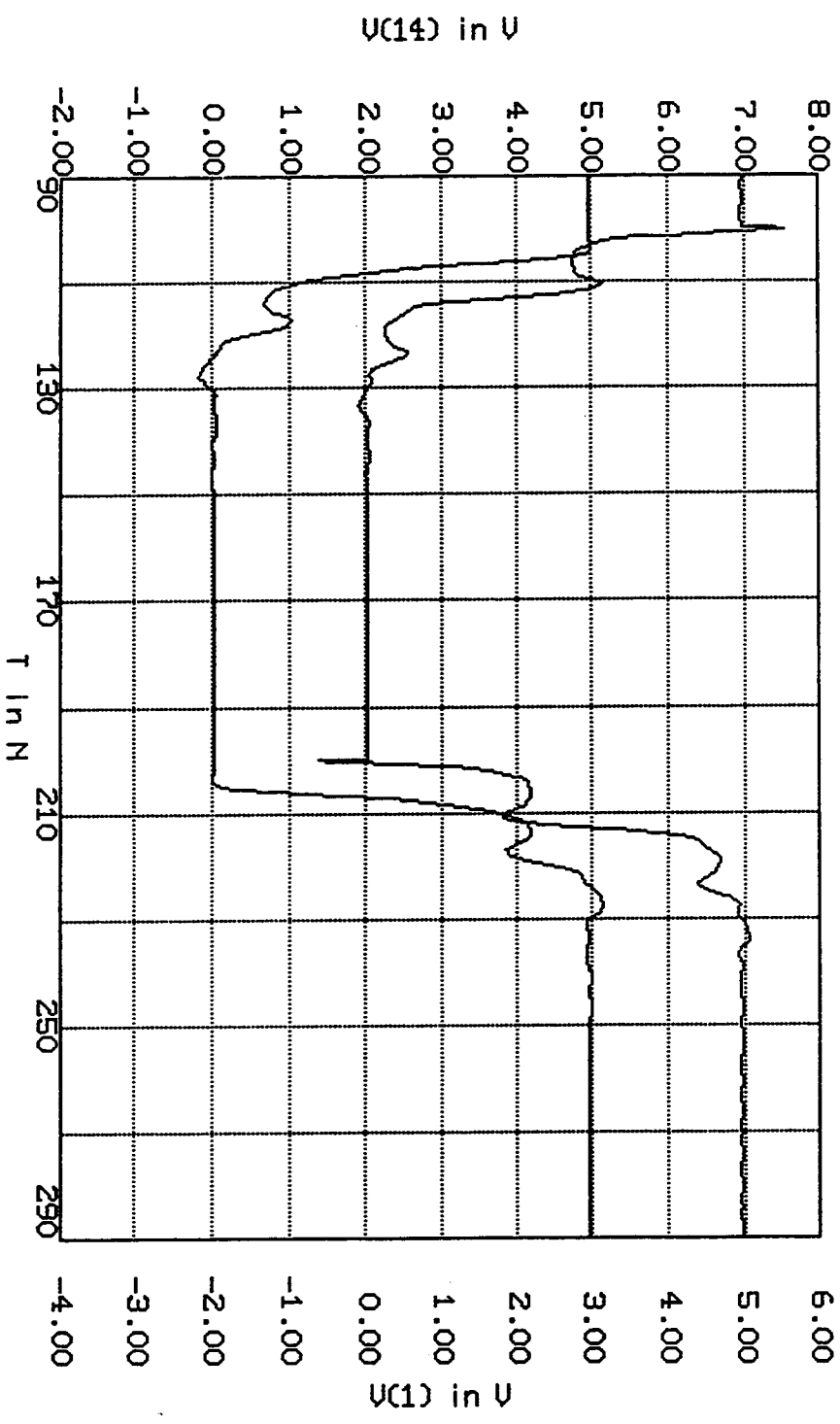
$I_{OH, \rho L} = 6 \text{ W/A}$   
 $Q_{28}, Q_{29}$   
 $K_p = 0.005$

10/27/94 CCK

7

10/27/94 CCK

EIDEC4 Temperature = 27  
T in N



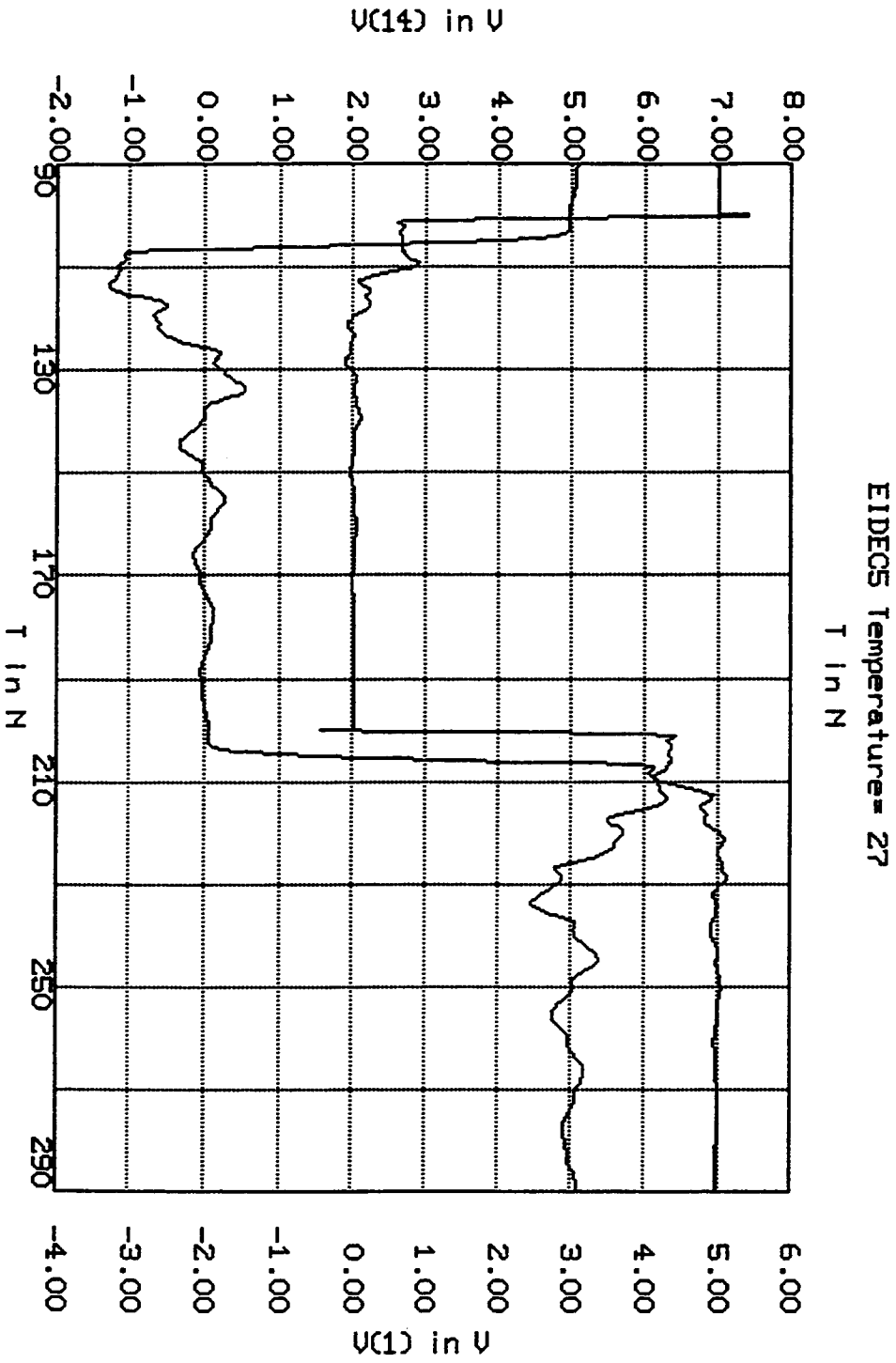
215

$I_{OH,OL} = 4.8 \text{ mA}$

Q6, Q7

$K_p = .004$

(8)

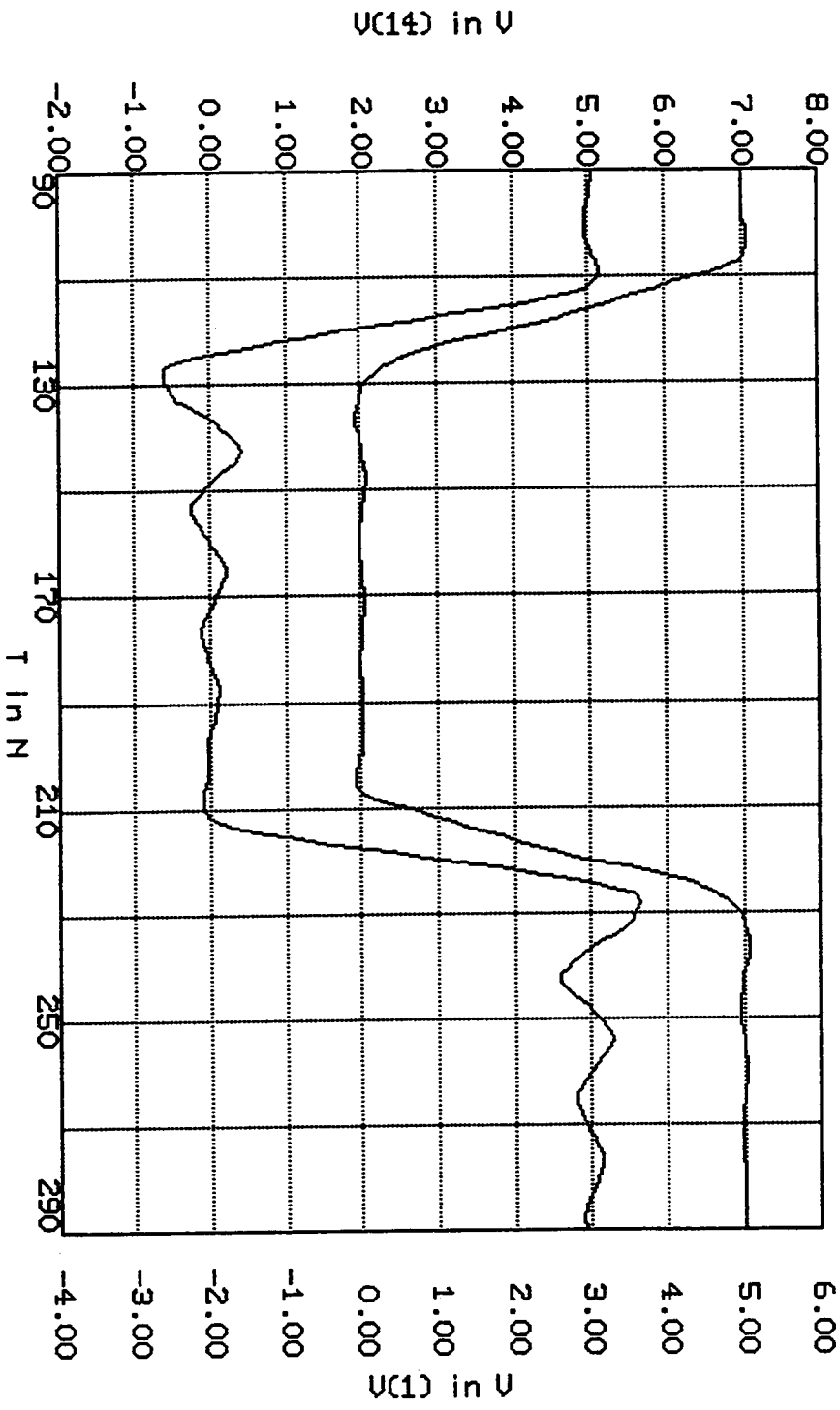


$I_{OH,OL} = 24 \text{ mA}$   
 $K_p = 0.02$   
 $\tau_f = 0.8 \text{ ms}$



(9)

EIDECS Temperature = 27  
T in N



$I_{D1} = 24 \text{ mA}$   
 $K_P = 0.02$   
 $T_f = 20 \text{ ns}$