

7:57

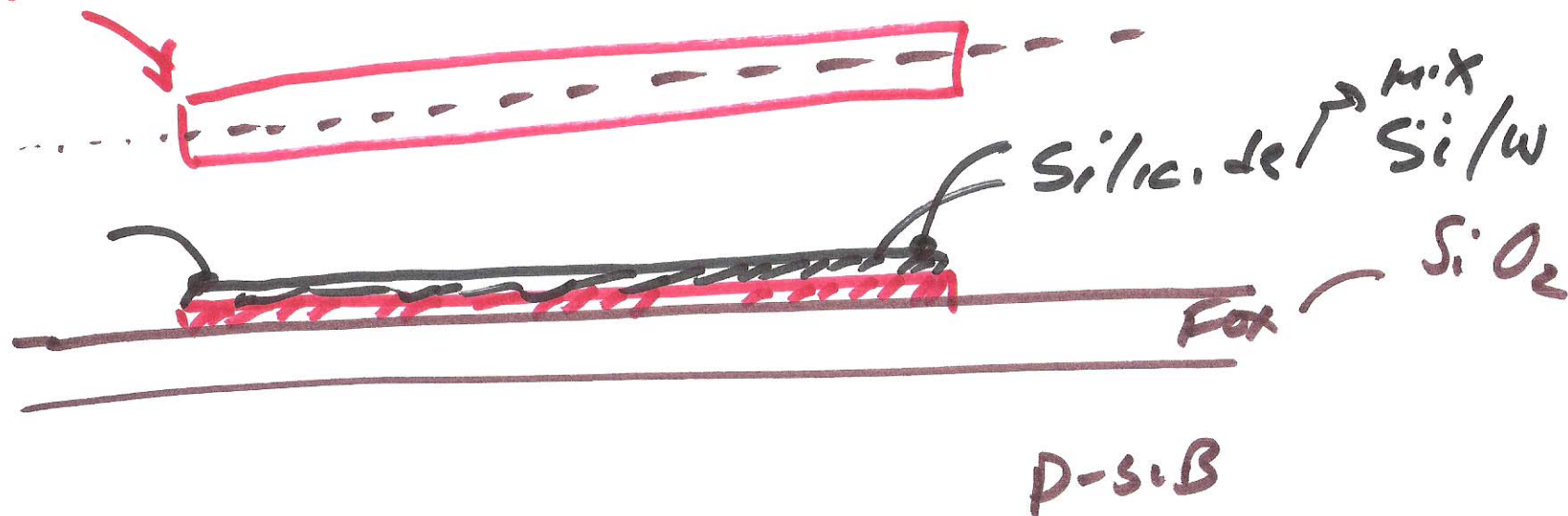
EE 421 / ECG 621

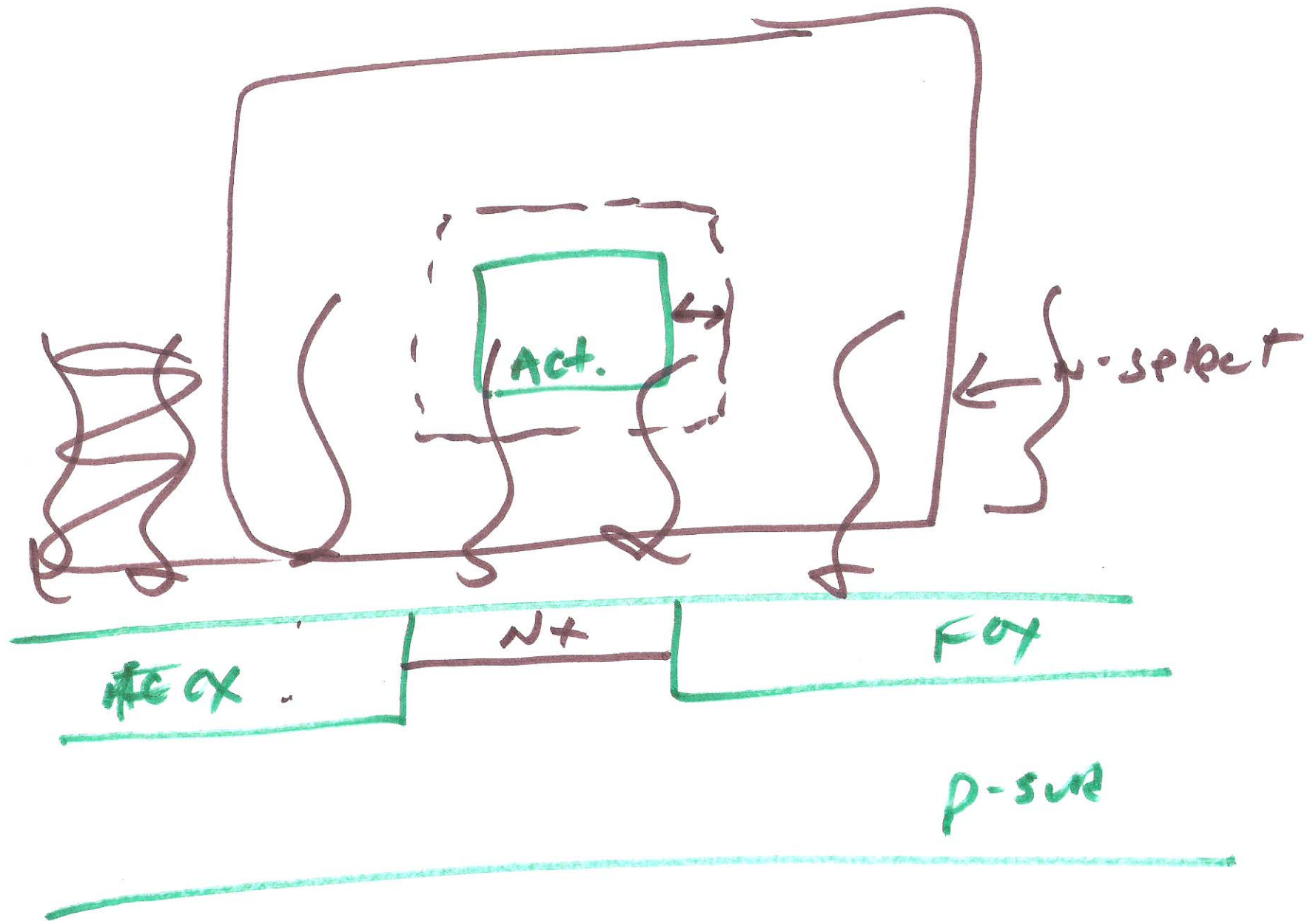
9/20/13

Lecture 9

Silicided Poly

poly polysilicon - Chunks of
crystalline Si





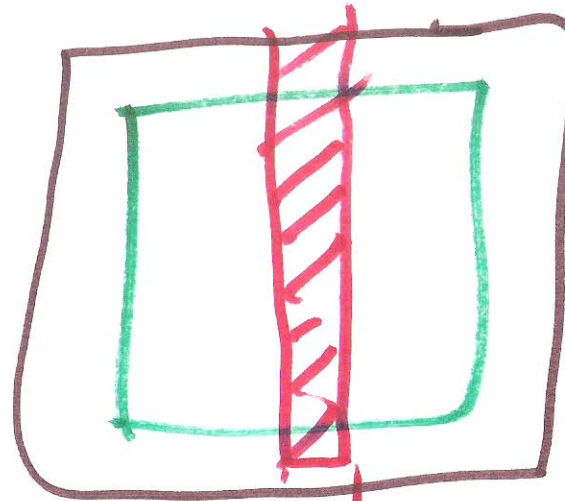
doped in-situ
Add phosphorus for process

242/0

N+



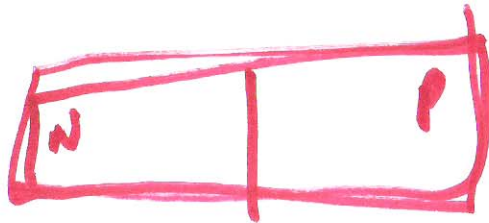
P-type

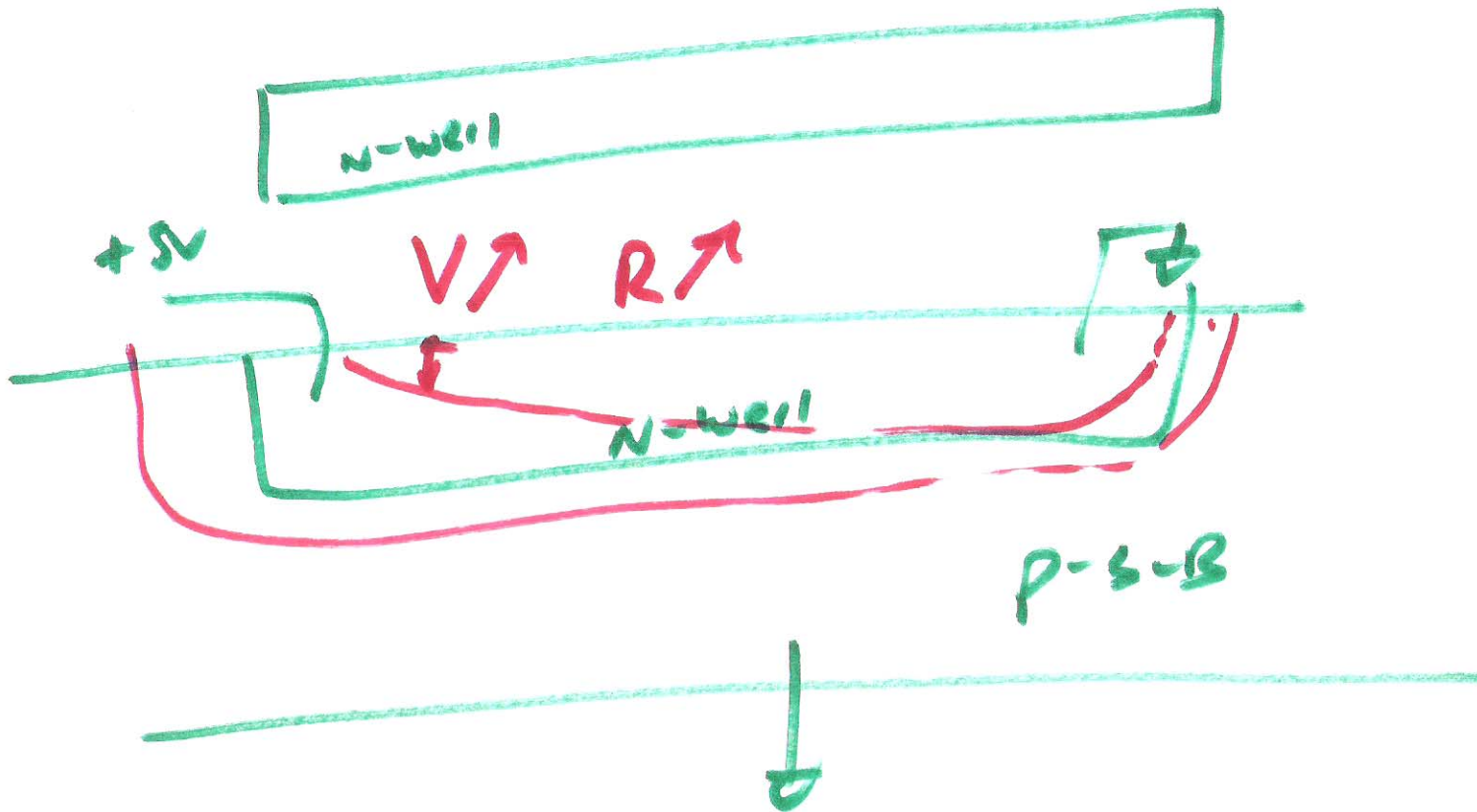


N-well

Single-work
function
gate

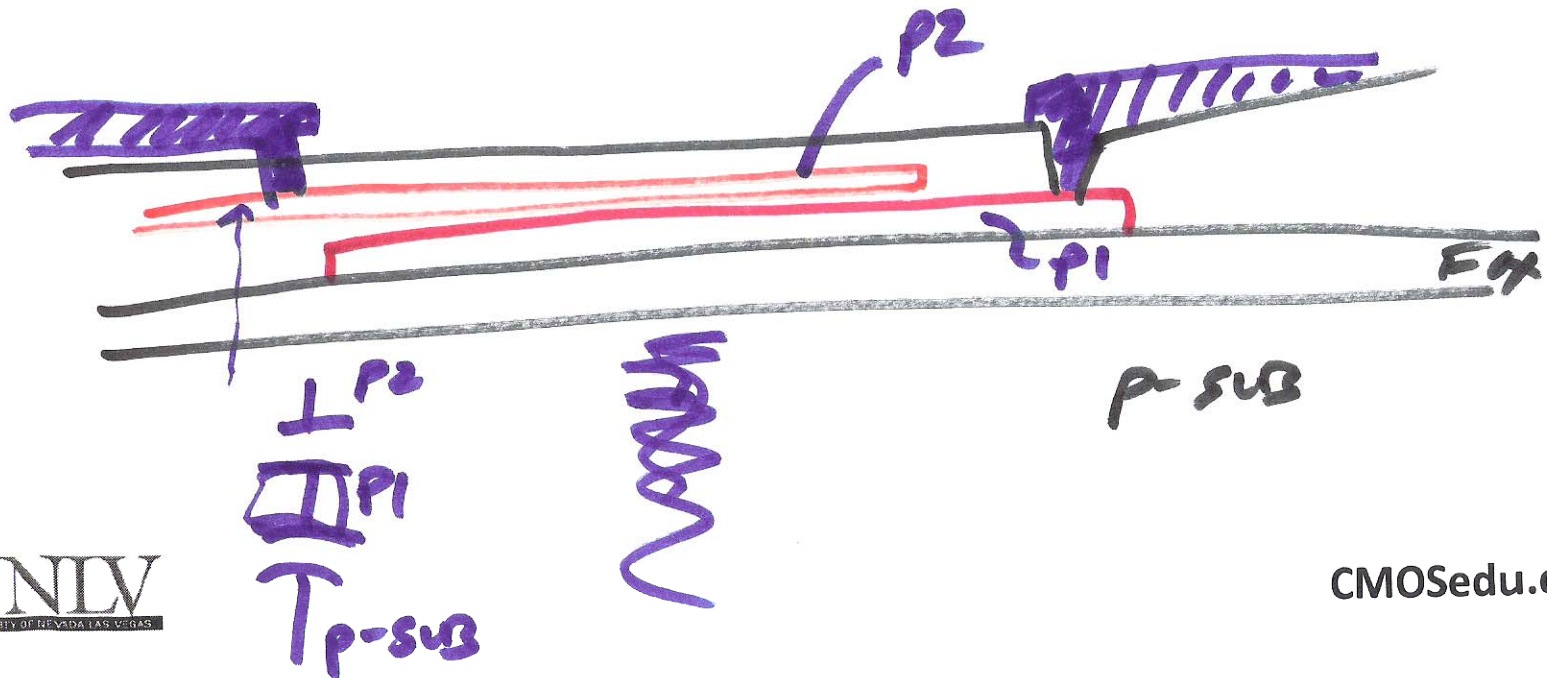
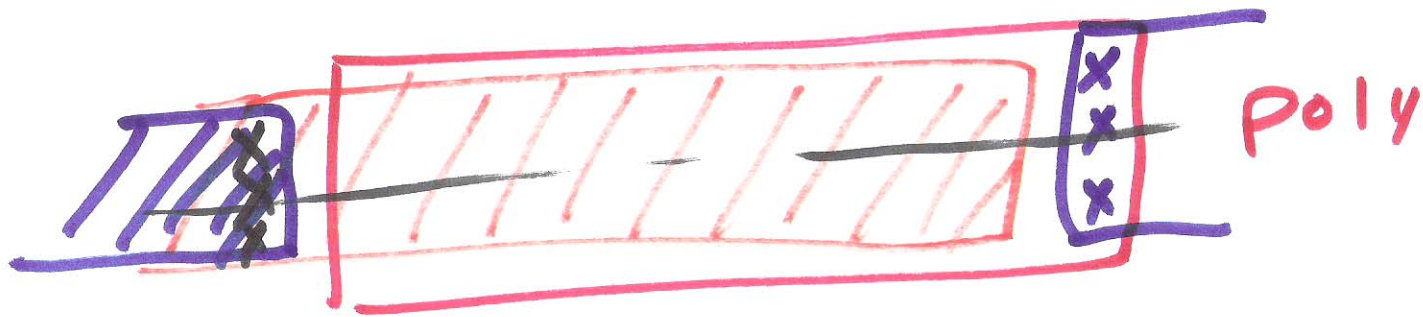
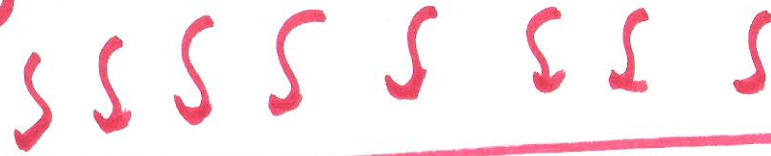
N-type



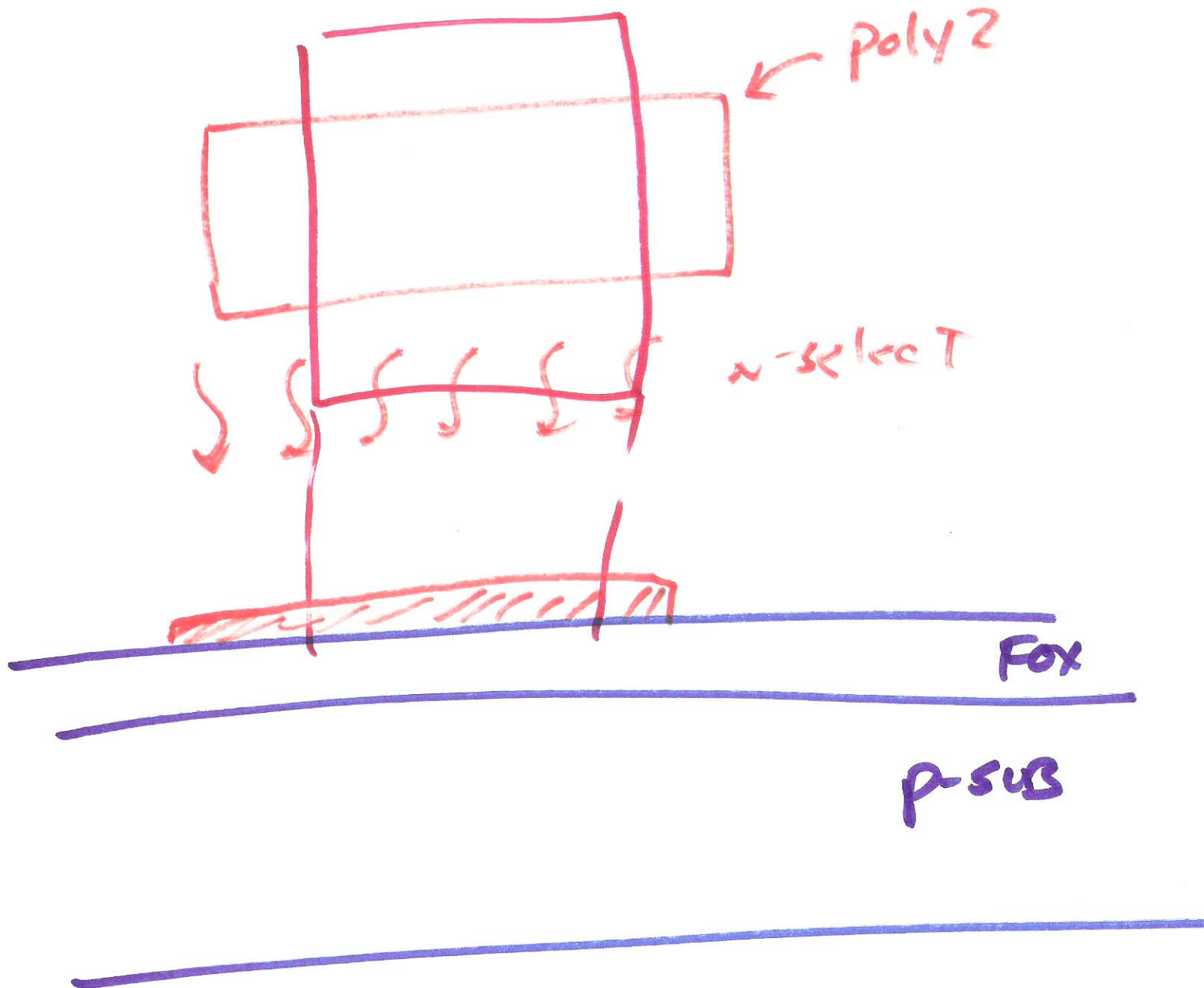


4)

High-Resistance poly resistor



5)



6)

