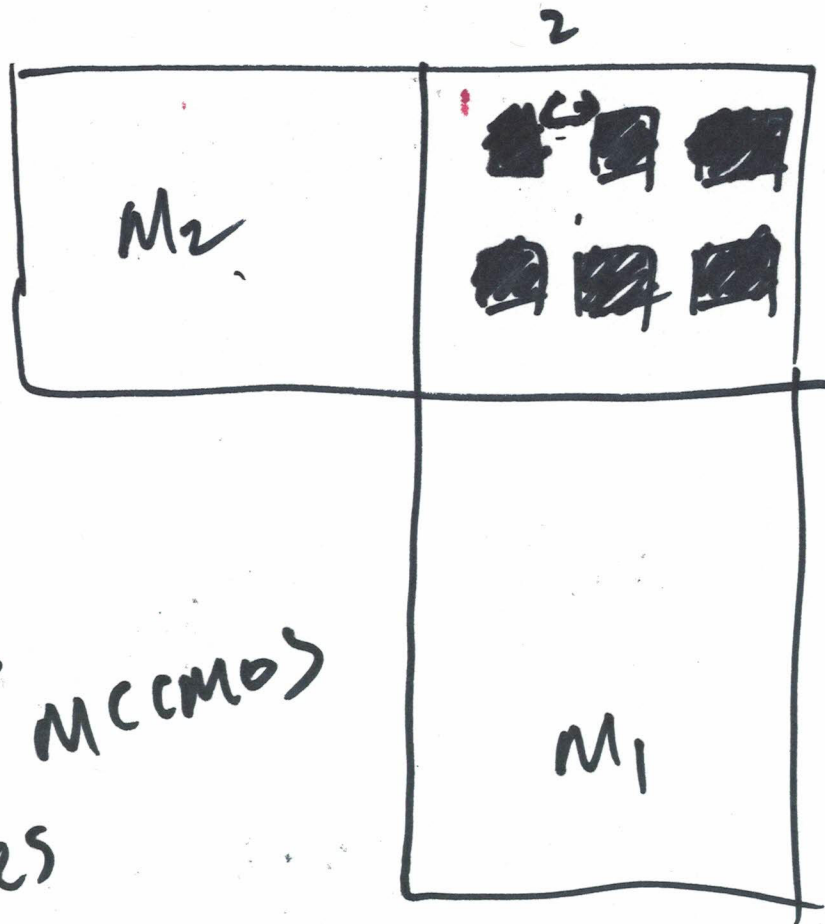
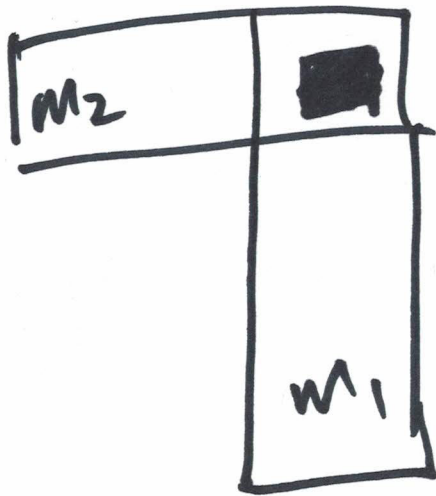
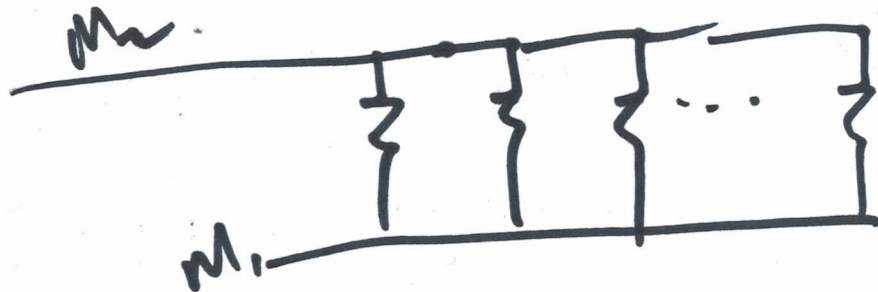


1)



rules
 $1 = \frac{300 \text{ nm}}{\lambda \text{ rules}}$
 rules

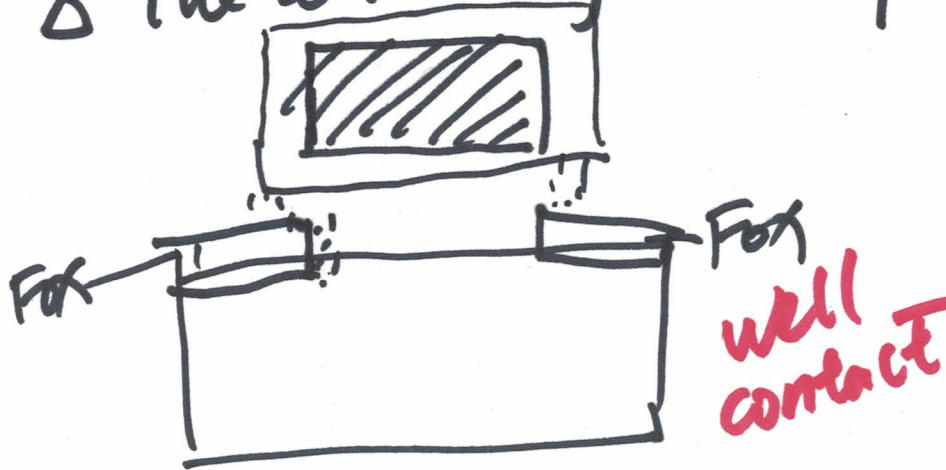
- ① Reduce resistance
- ② Improve yield



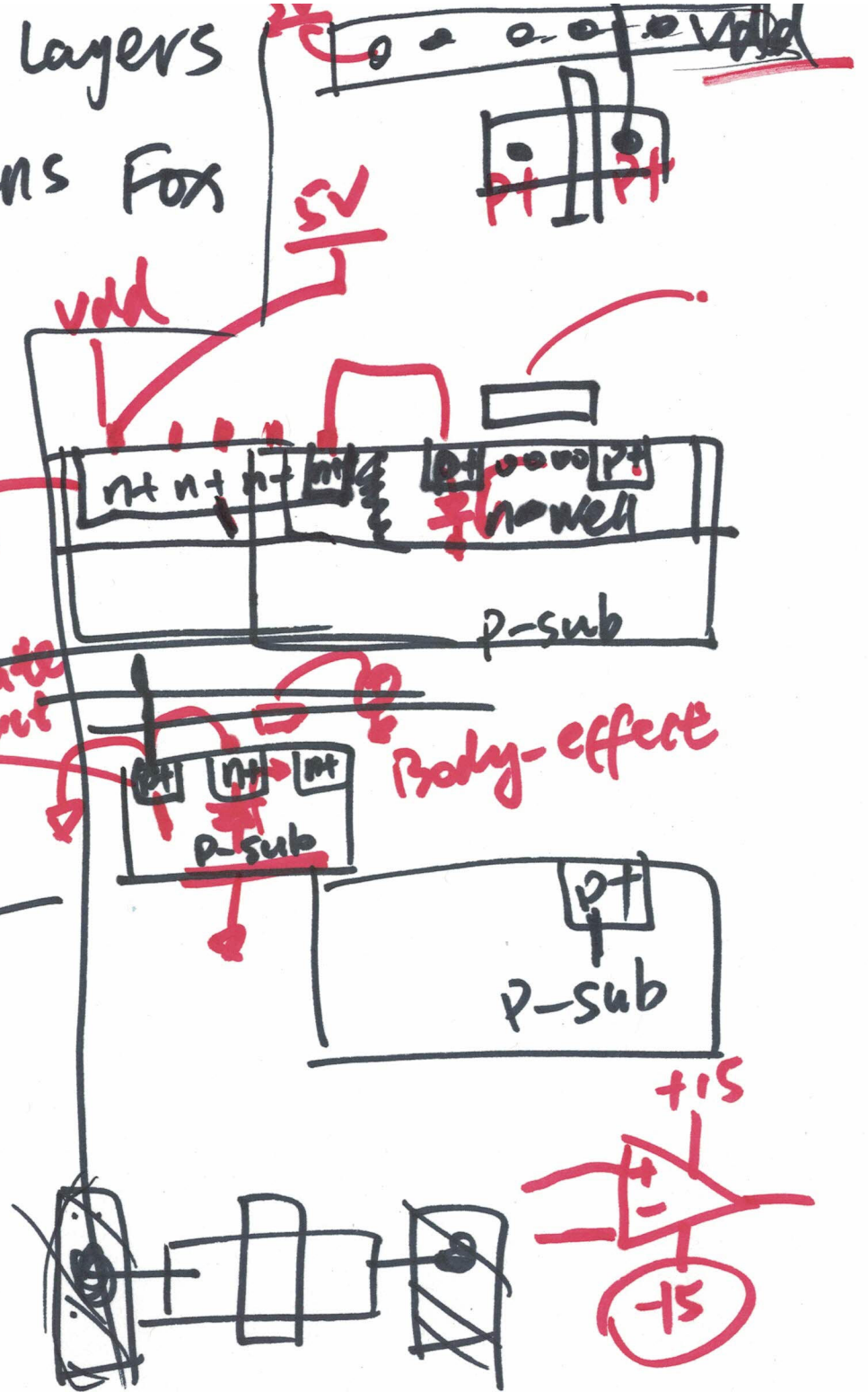
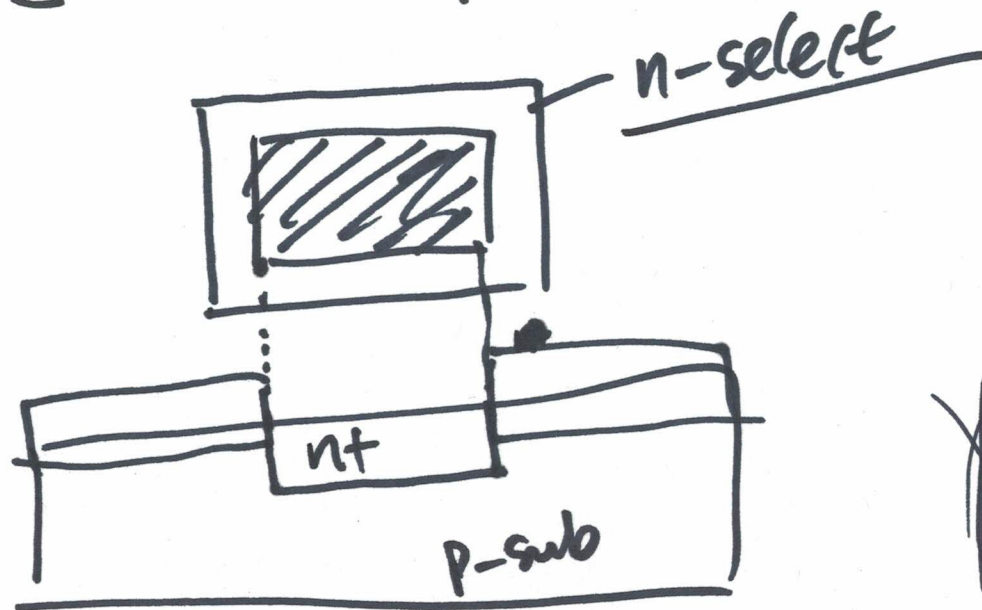
2

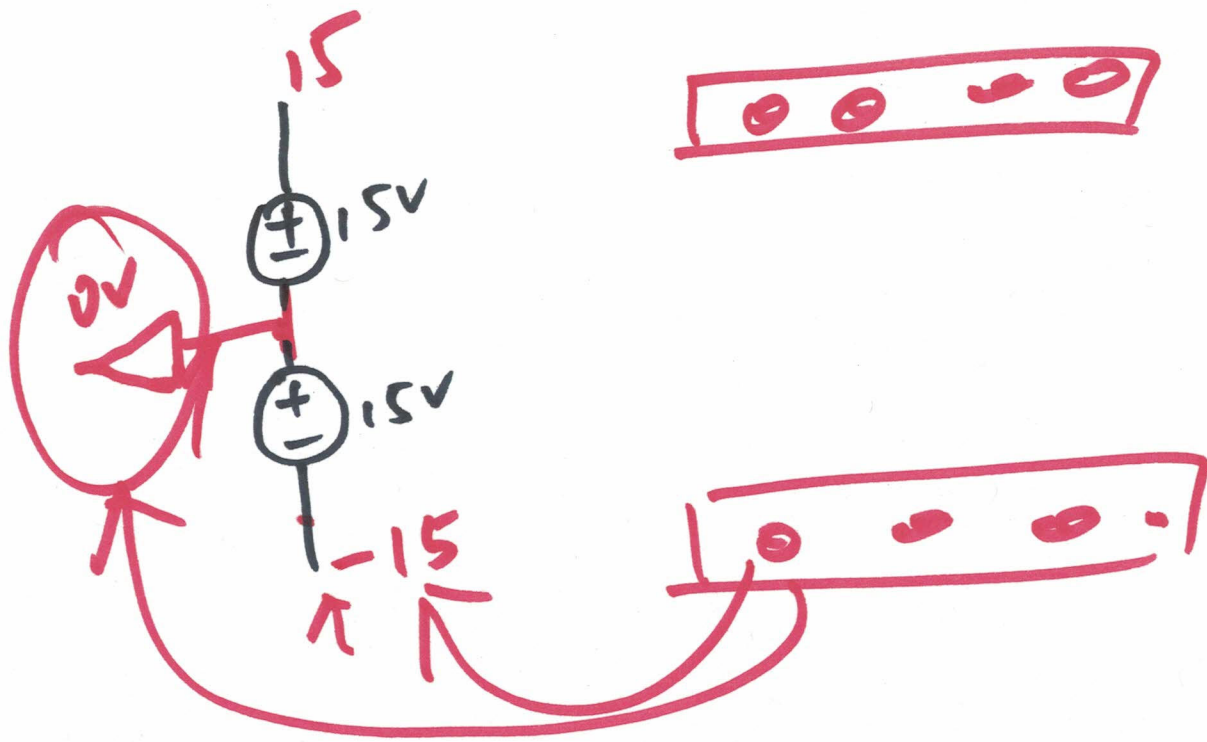
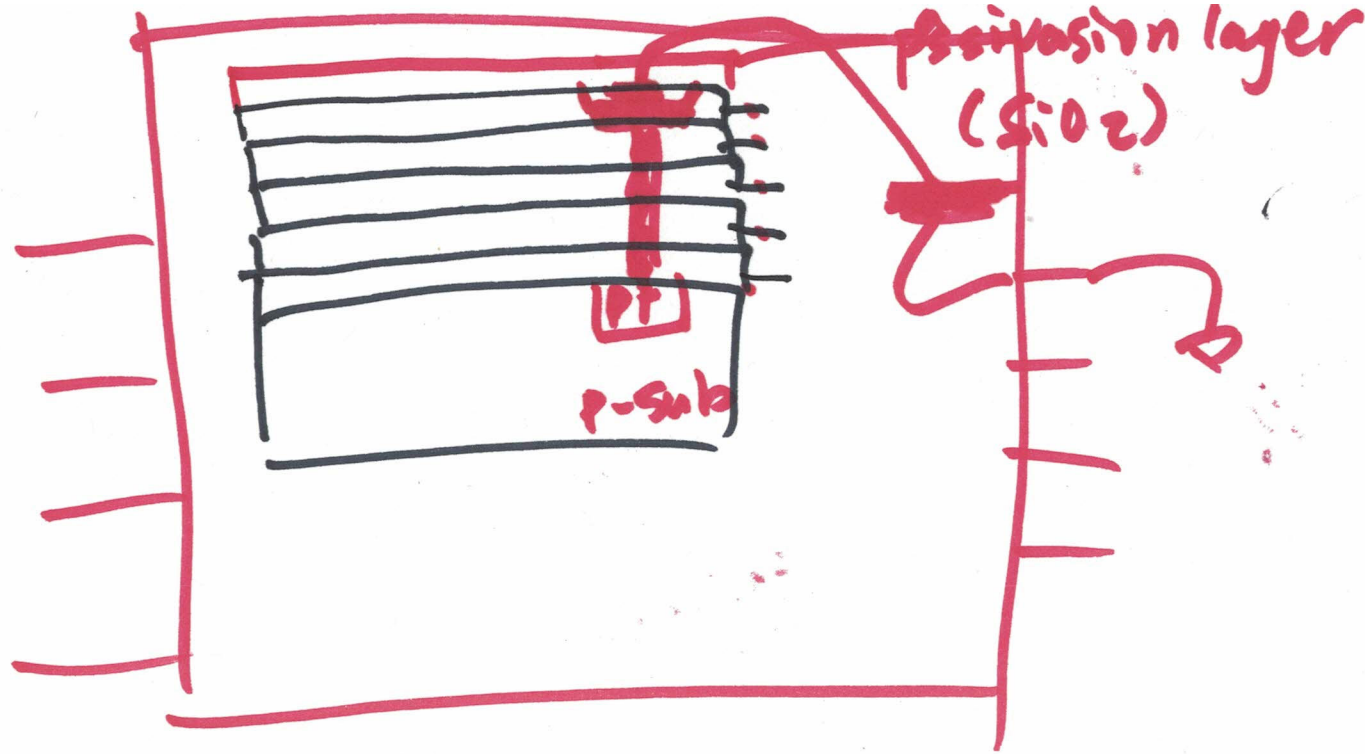
Active and Poly layers

△ The active layer — opens Fox



△ n-select, p-select



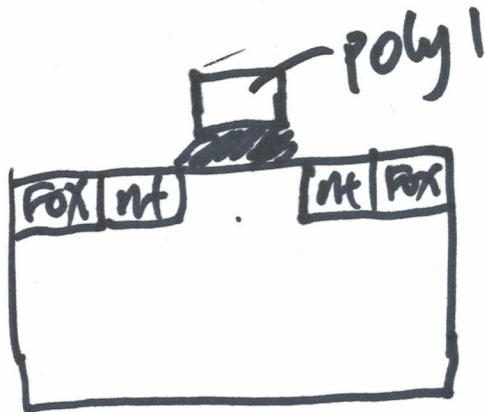


n-select area > active area

p-select area > active area

Active layer — opens a window on Fox

△ Poly layers



△ poly used as resistors

poly	200 Ω /square
metal	0.12 Ω /square

silicide

mixture of Al/copper
with tungsten



To reduce the resistance of
the poly wires.

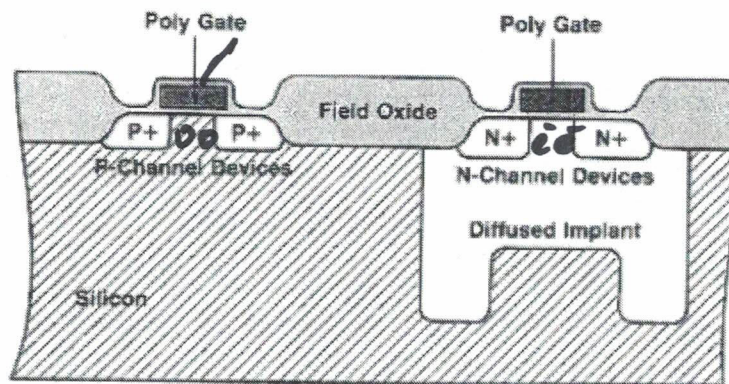


Fig. 3. After the P+ and N+ diffusions, more oxide is deposited over the P-channel and N-channel devices.