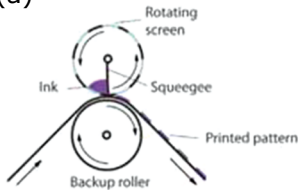
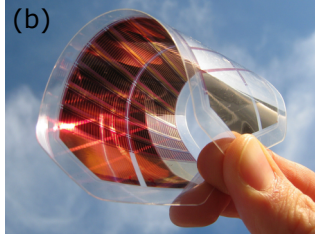


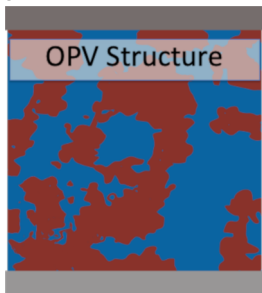
(a)



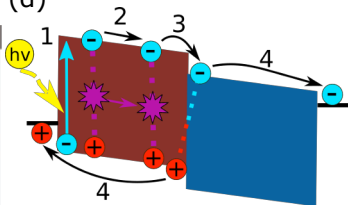
(b)



(c)



(d)



Electron



Hole



Photon



Exciton



Electron Acceptor Region



Electron Donor Region