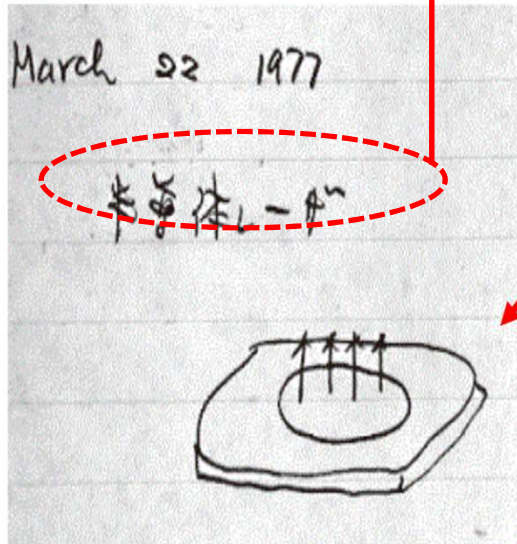
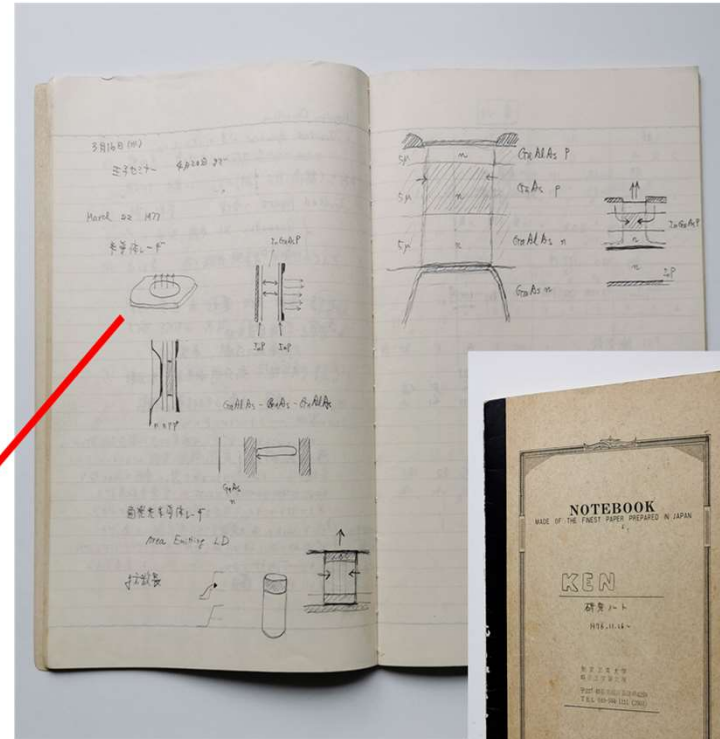


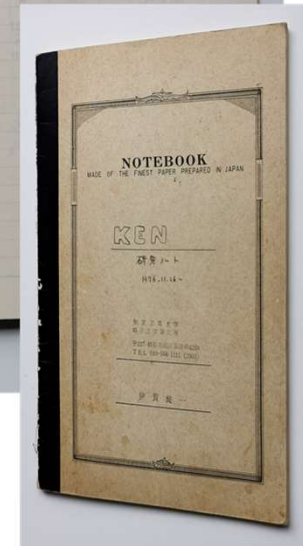
# Semiconductor Laser



(a) An image of vertical emission



(b) Laboratory note (inside)



(c) Laboratory note (cover page)

The initial idea of surface-emitting lasers sketched by K. Iga in a page of research note dated on March 22, 1977 [A1]. The light output comes from the surface.