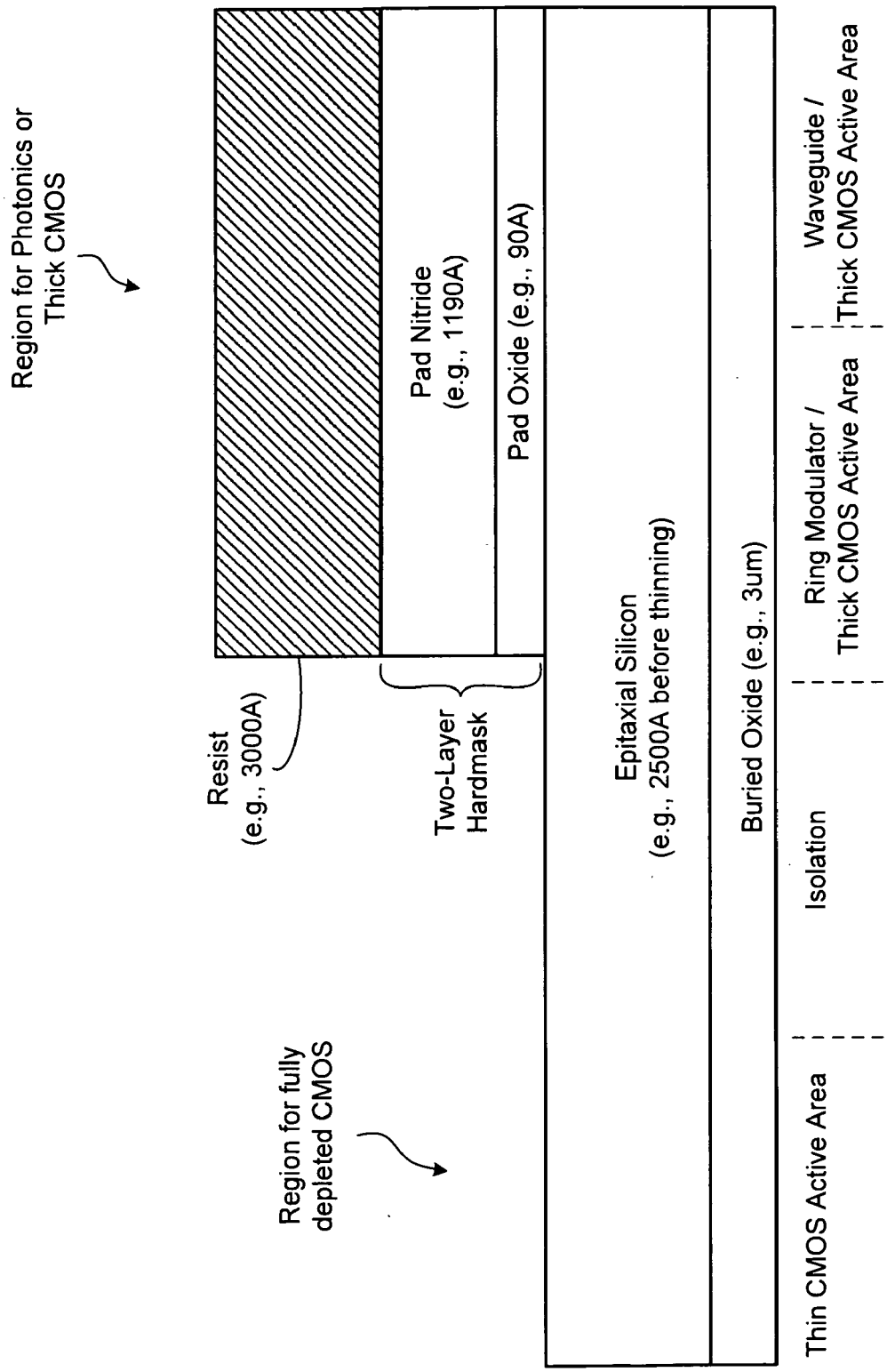
Region for Photonics or Thick CMOS
Resist (e.g., 3000A)
Pad Nitride (e.g., 1190A)
Pad Oxide (e.g., 90A)
Two-Layer Hardmask
Epitaxial Silicon (e.g., 2500A before thinning)
Buried Oxide (e.g., 3um)
Region for fully depleted CMOS
Waveguide / Thick CMOS Active Area
Ring Modulator / Thick CMOS Active Area
Isolation
Thin CMOS Active Area

Fig. 2