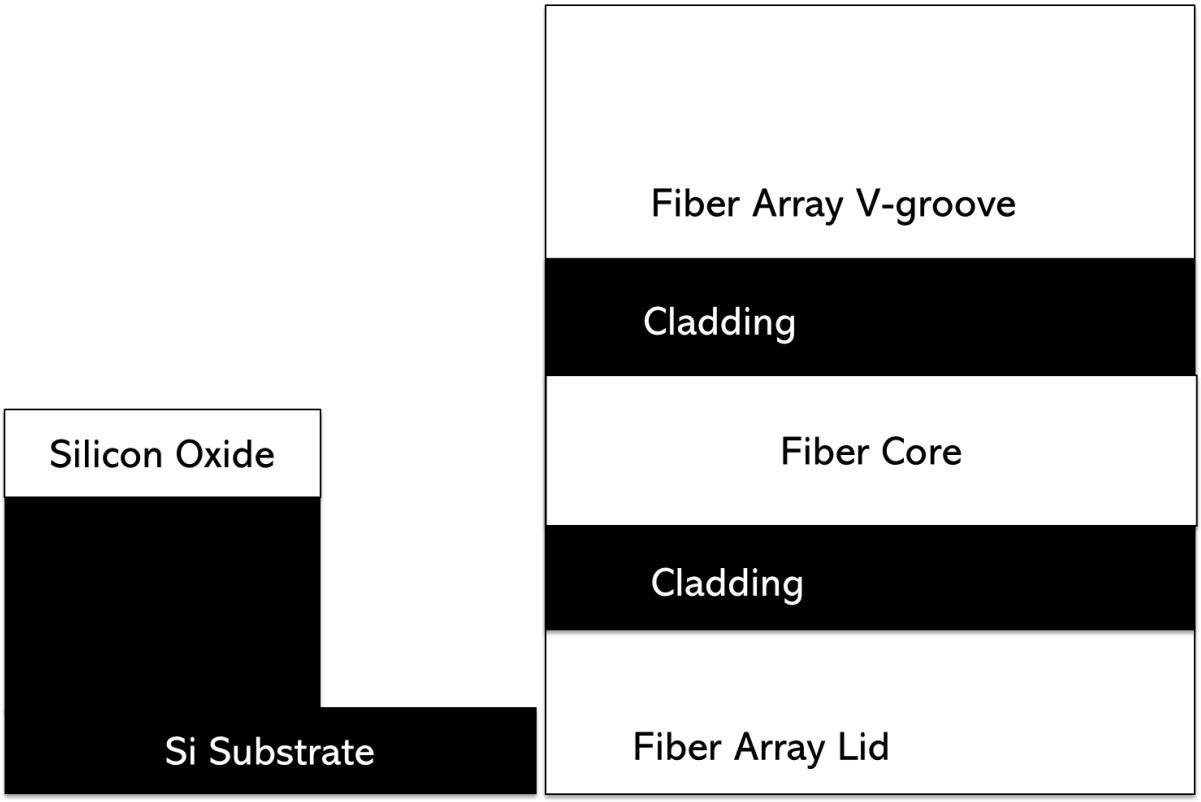


FIG. 1 (PRIOR ART)

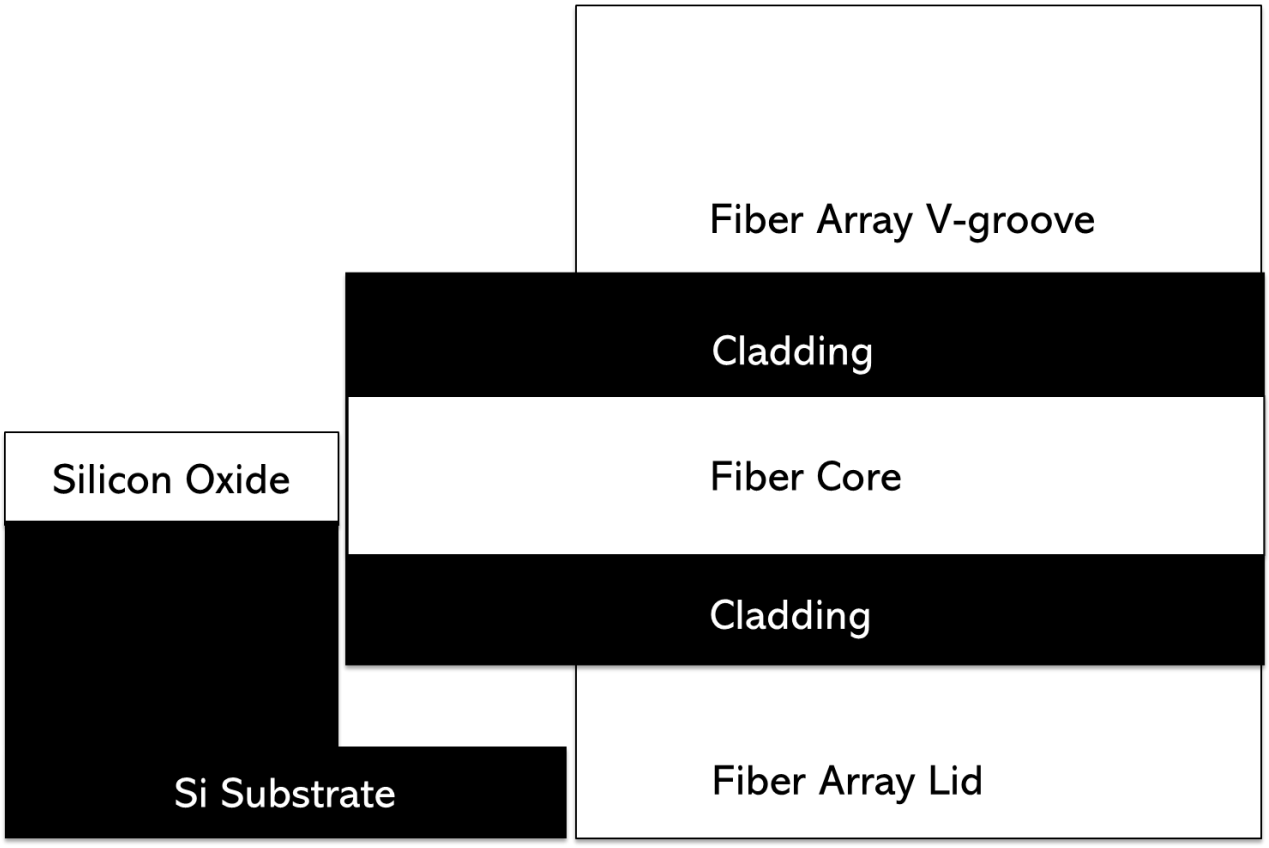


FIG. 2 (PRIOR ART)

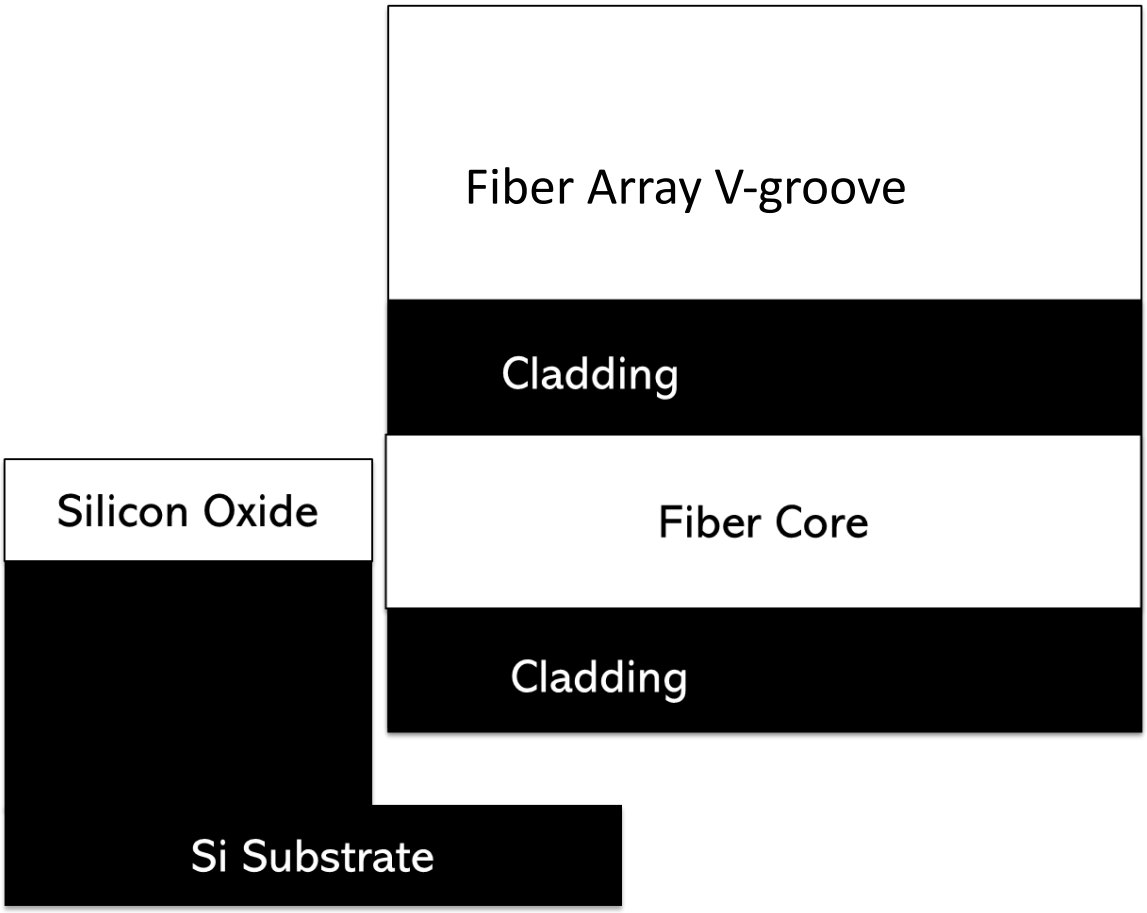


FIG. 3 (PRIOR ART)

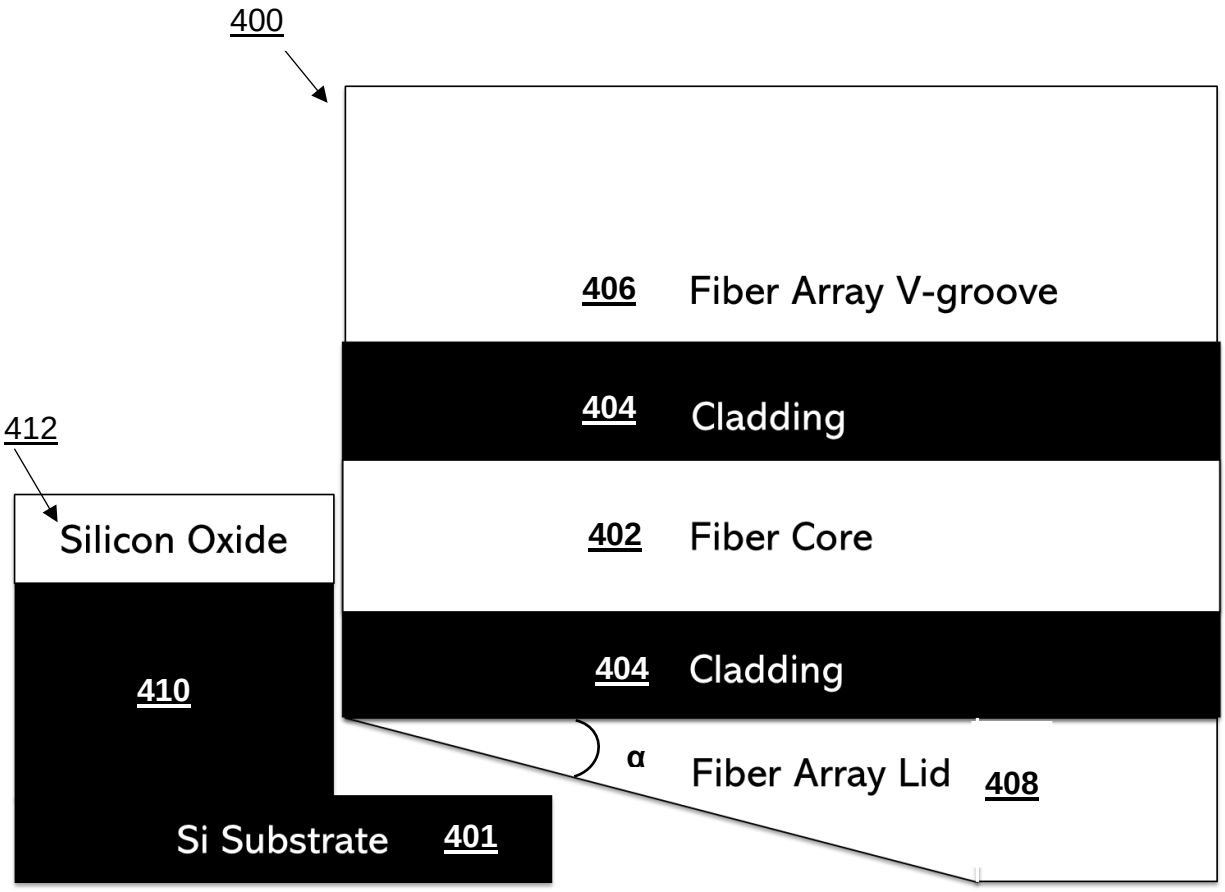

400
406 Fiber Array V-groove
404 Cladding
412
Silicon Oxide
402 Fiber Core
404 Cladding
410
α
Fiber Array Lid 408
Si Substrate 401

FIG. 4