

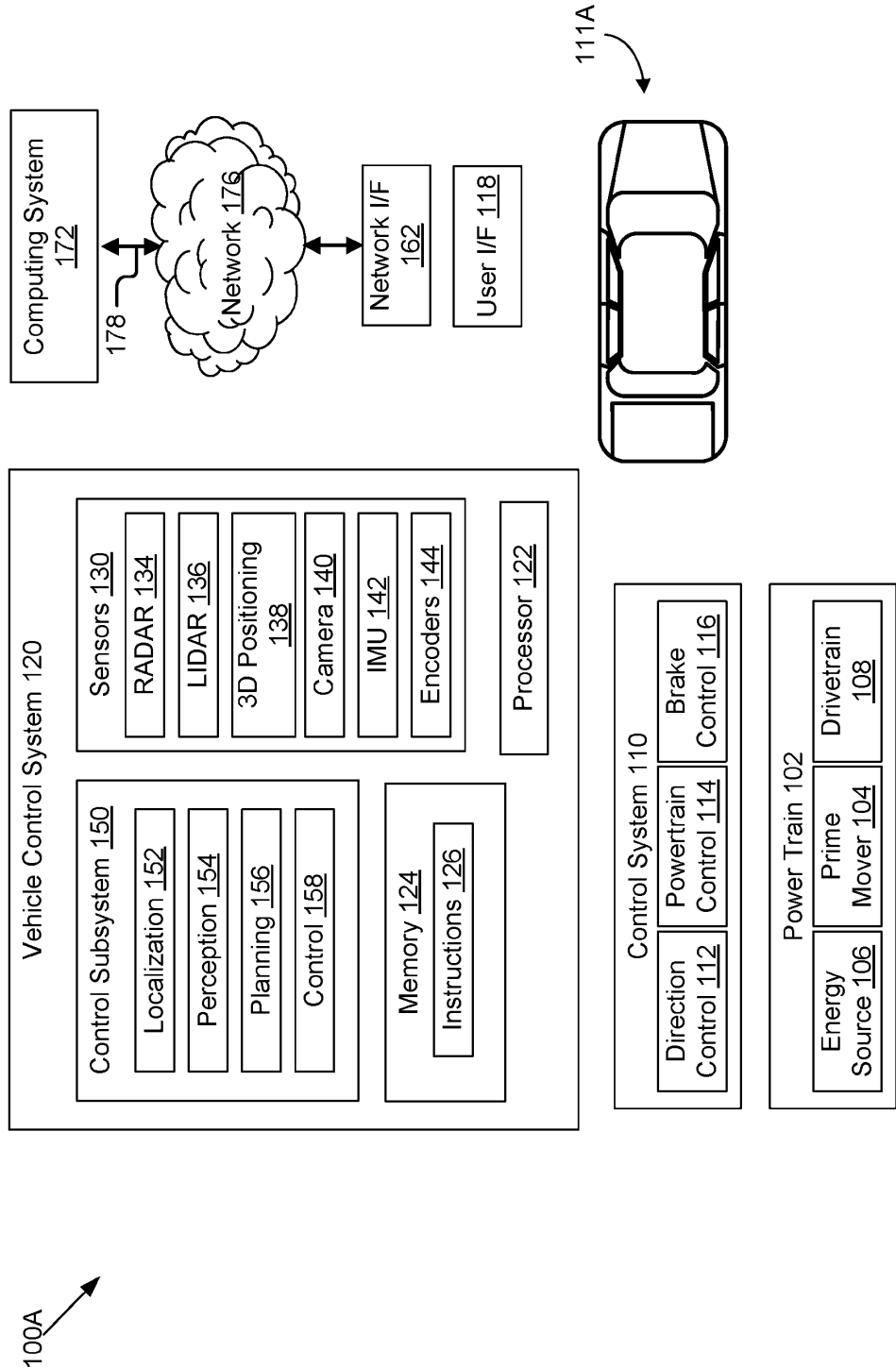


FIG. 1A

100B

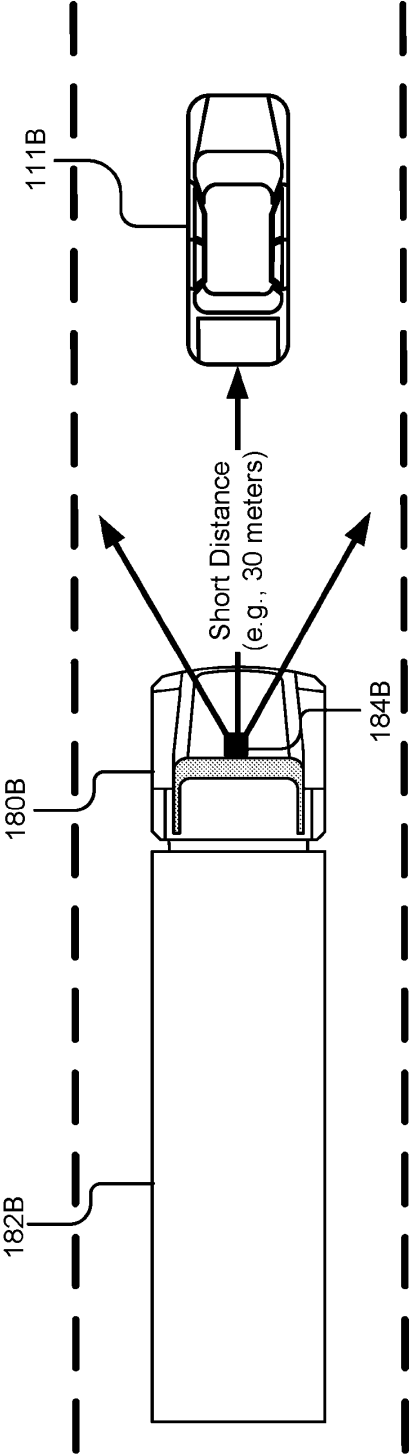


FIG. 1B

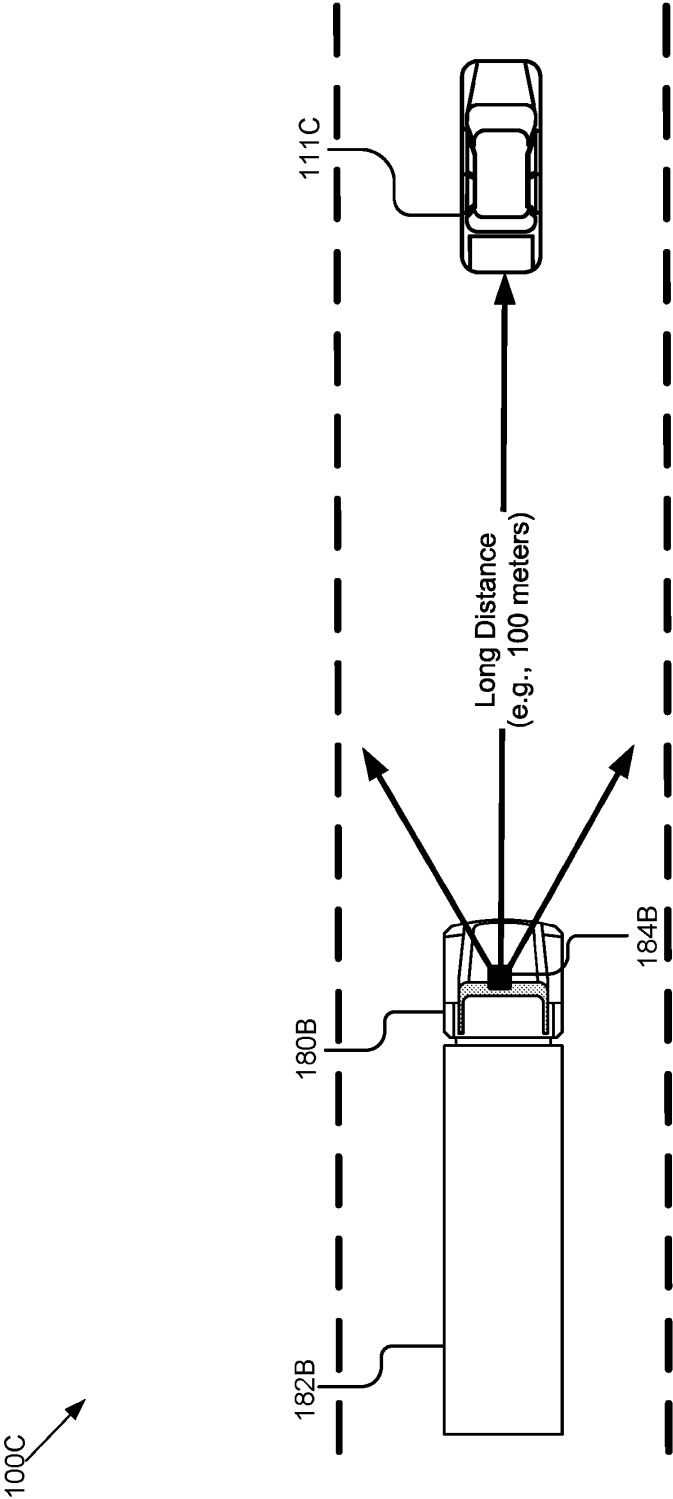


FIG. 1C

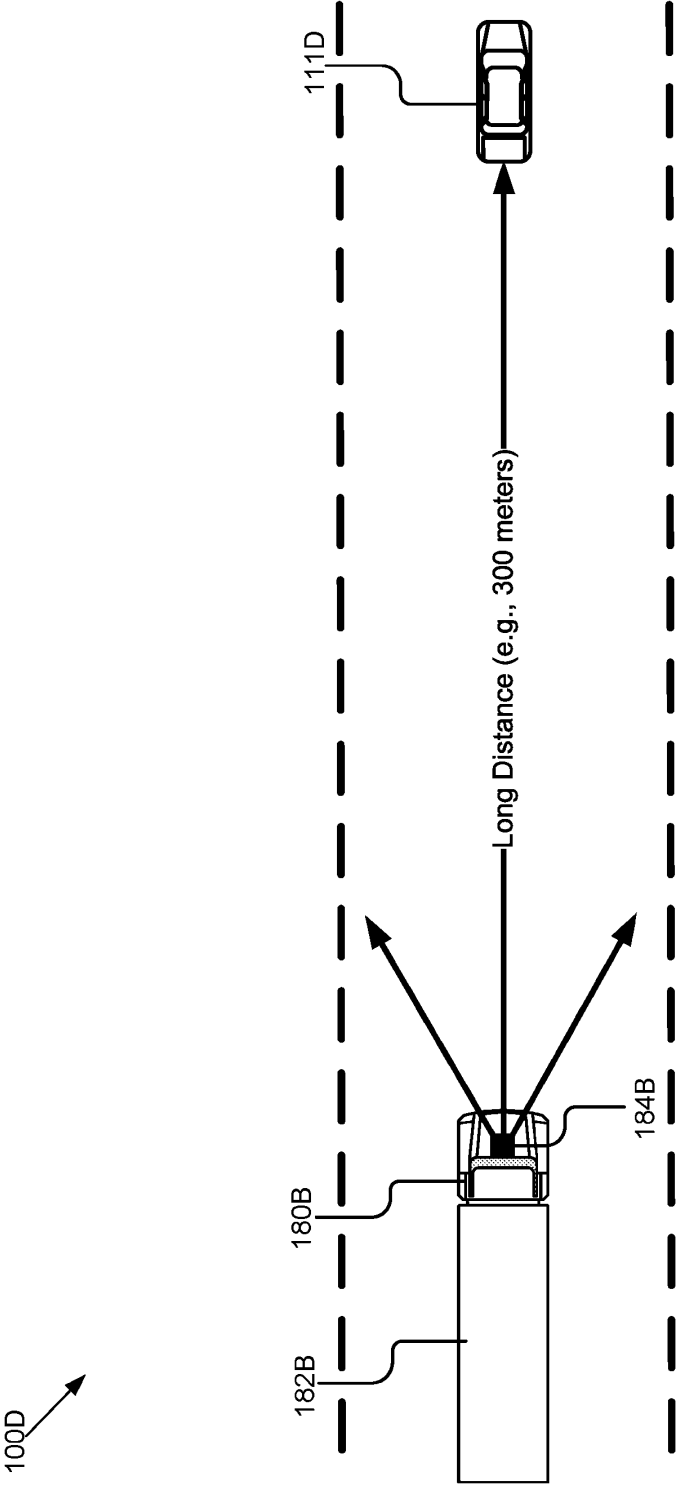


FIG. 1D

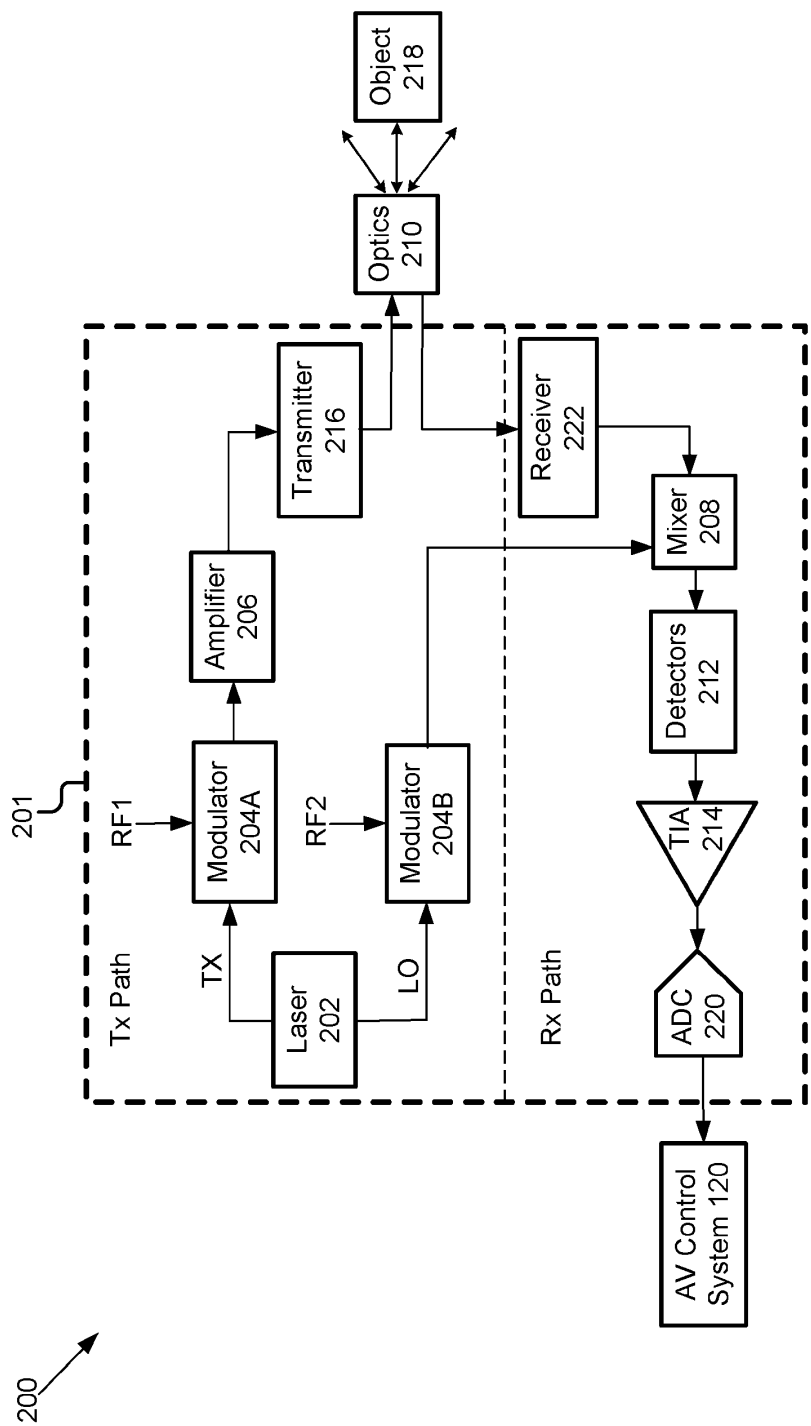


FIG. 2

300 ↗

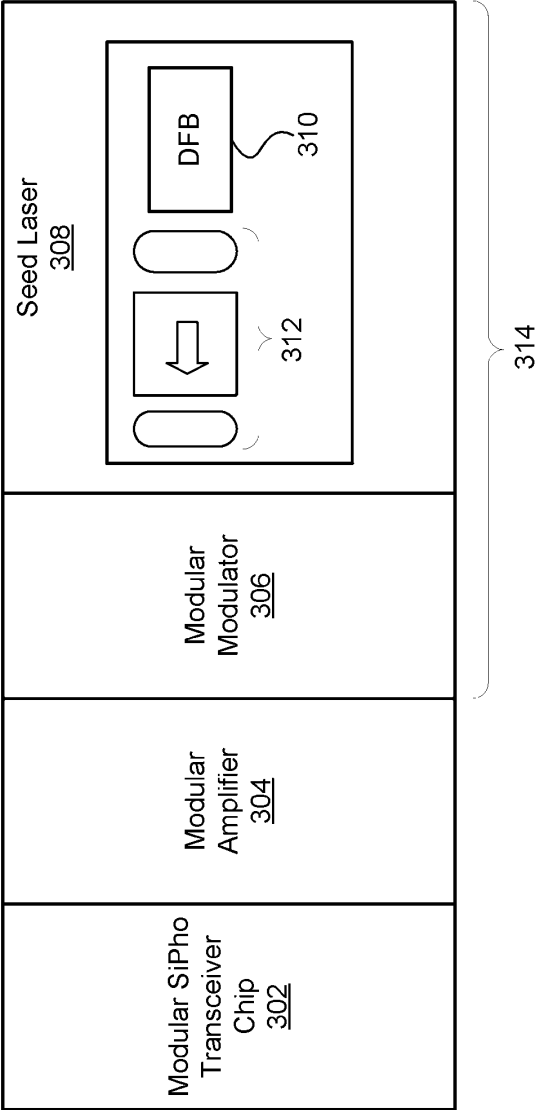


FIG. 3

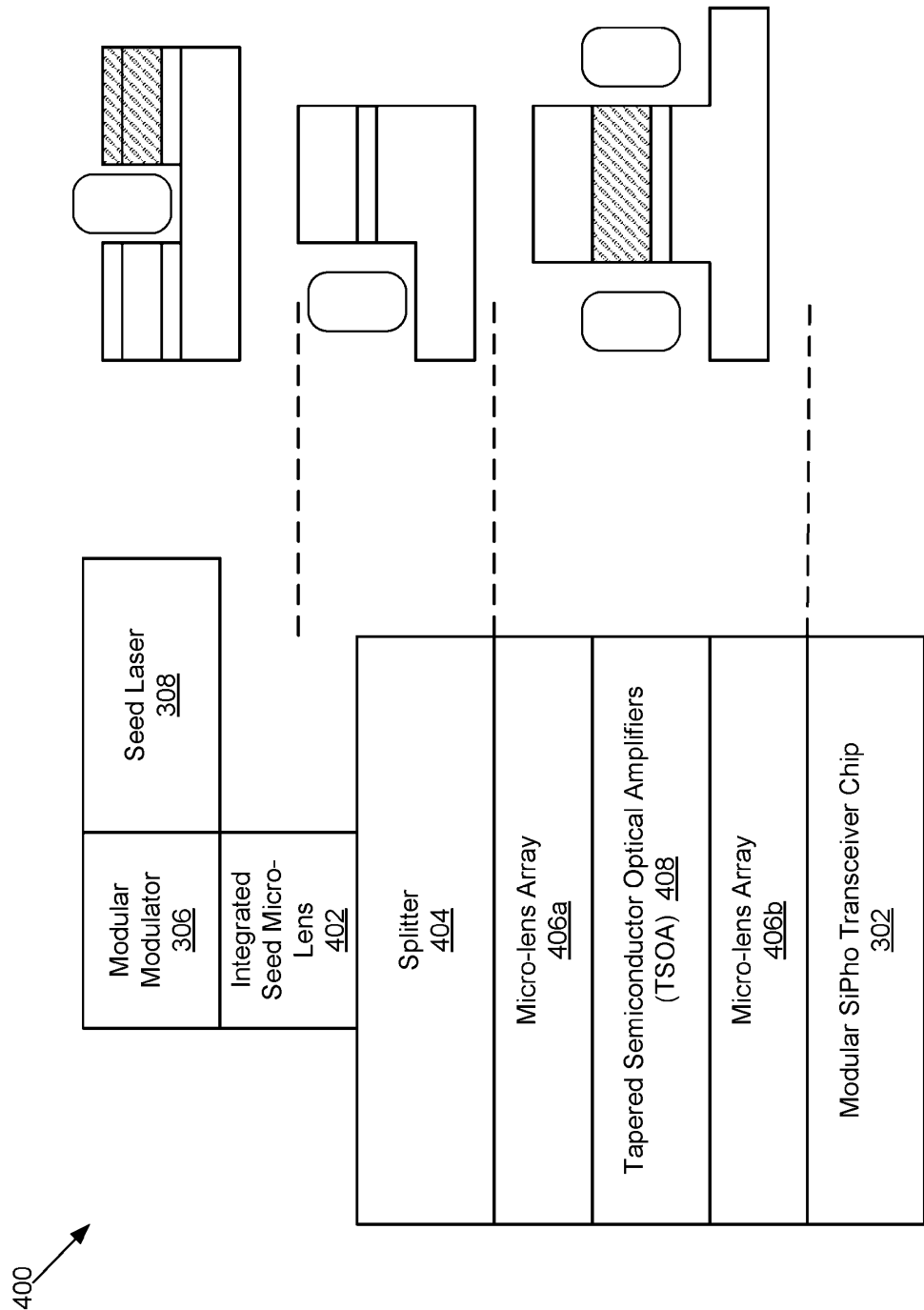


FIG. 4

500 ↗

Modular Modulator 306		Seed Laser 308	
Micro-lens 502a	Micro-lens 502b	Micro-lens 502c	Micro-lens 502d
Splitter 504a	Splitter 504b	Splitter 504c	Splitter 504c
Micro-lens Array 506a	Micro-lens Array 506b	Micro-lens Array 506c	Micro-lens Array 506d
TSOA 508a	TSOA 508b	TSOA 508c	TSOA 508d
Micro-lens Array 510a	Micro-lens Array 510b	Micro-lens Array 510c	Micro-lens Array 510d
Modular SiPho Transceiver Chip 302			

FIG. 5

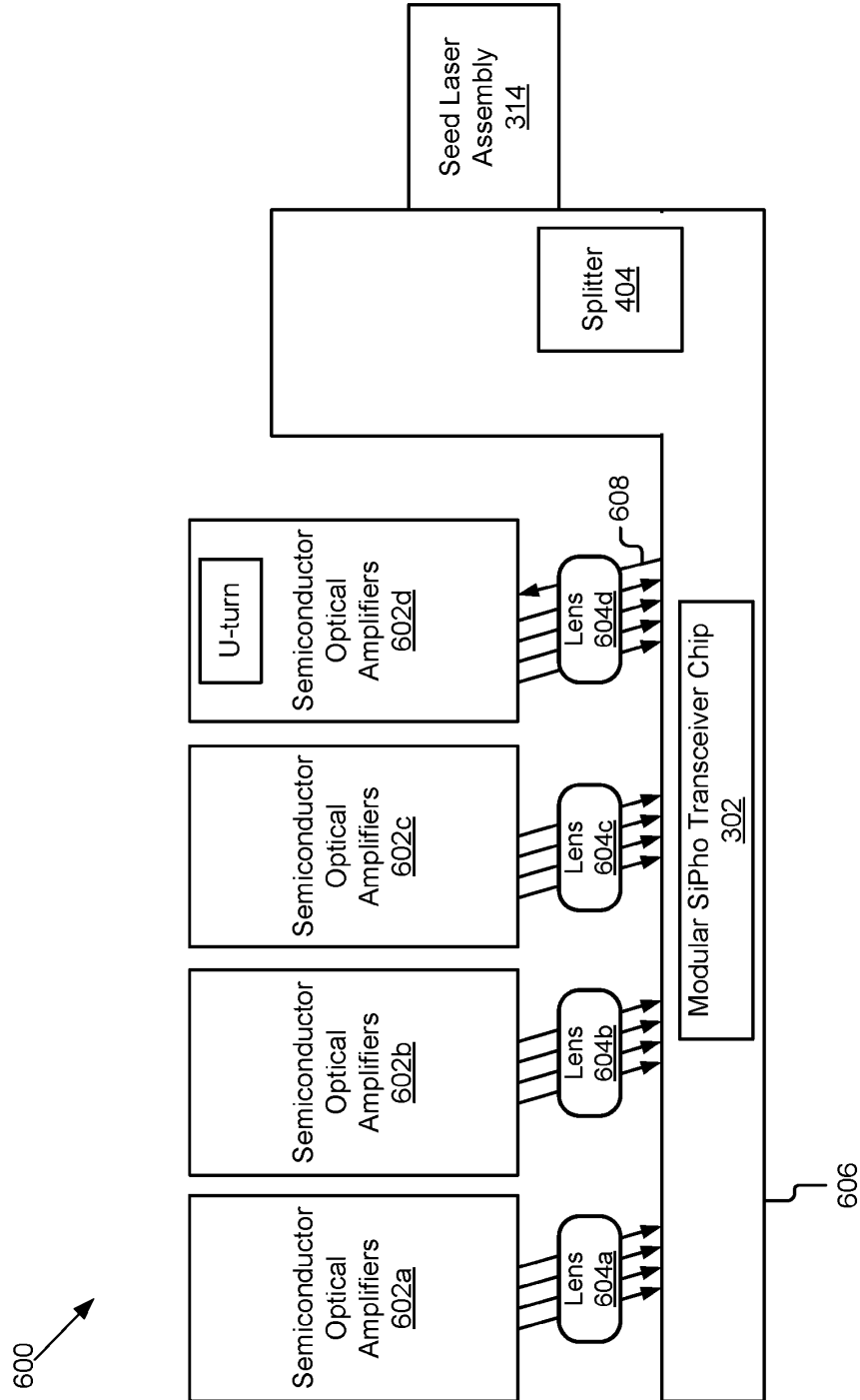


FIG. 6

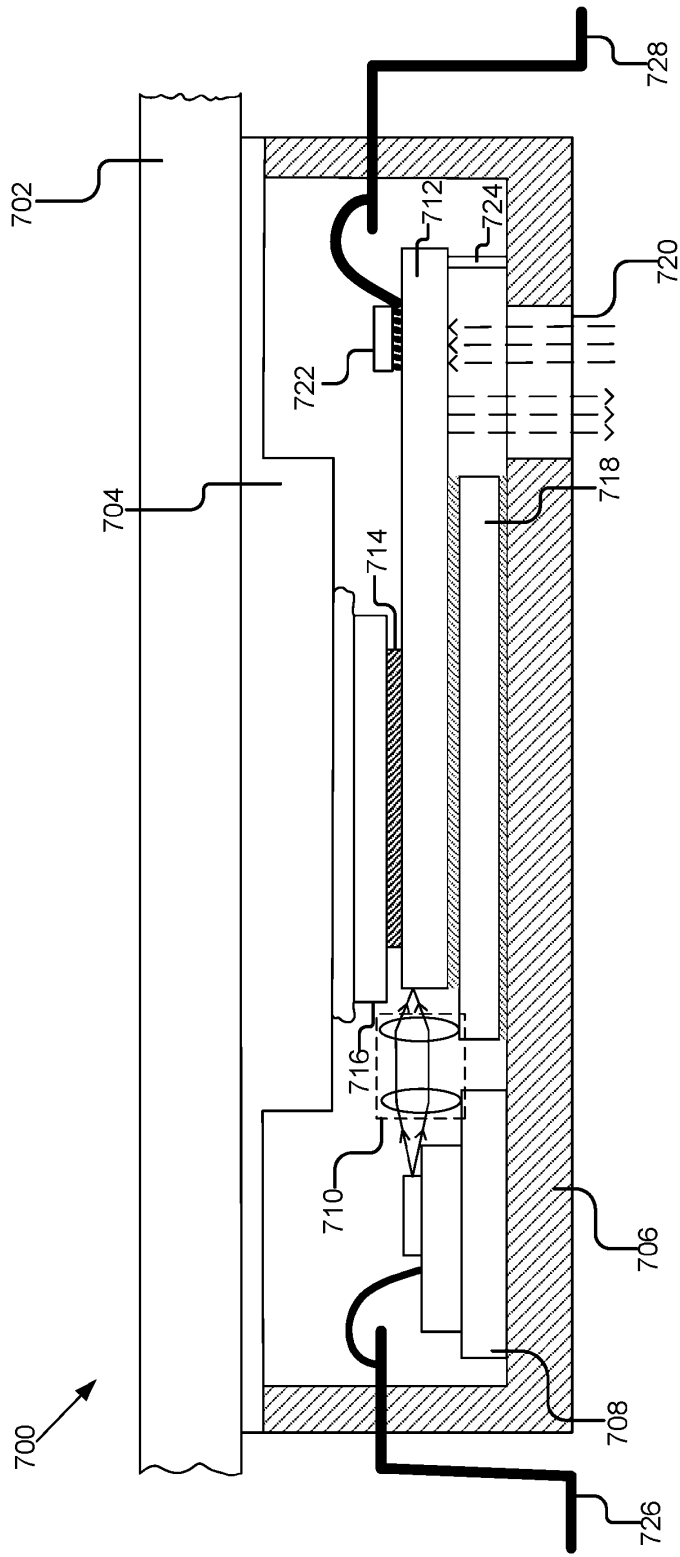


FIG. 7