

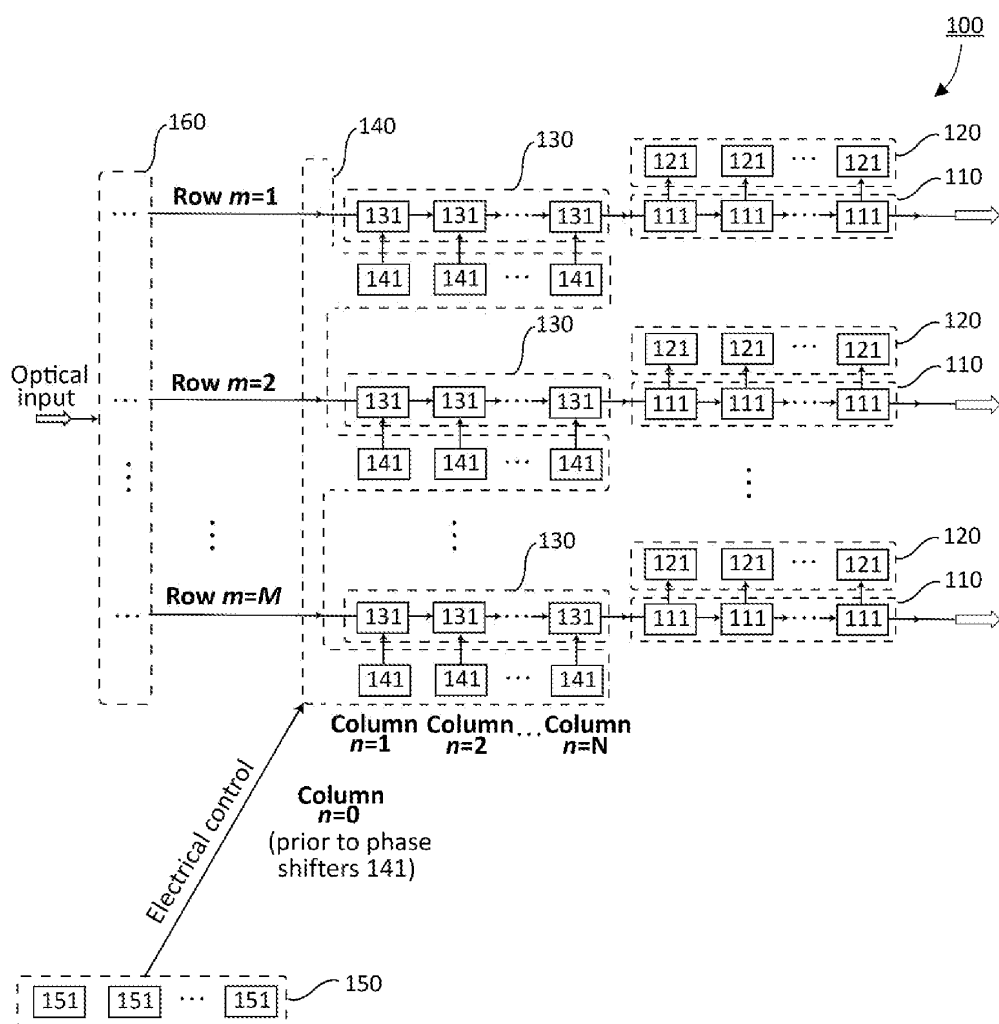


Fig. 1

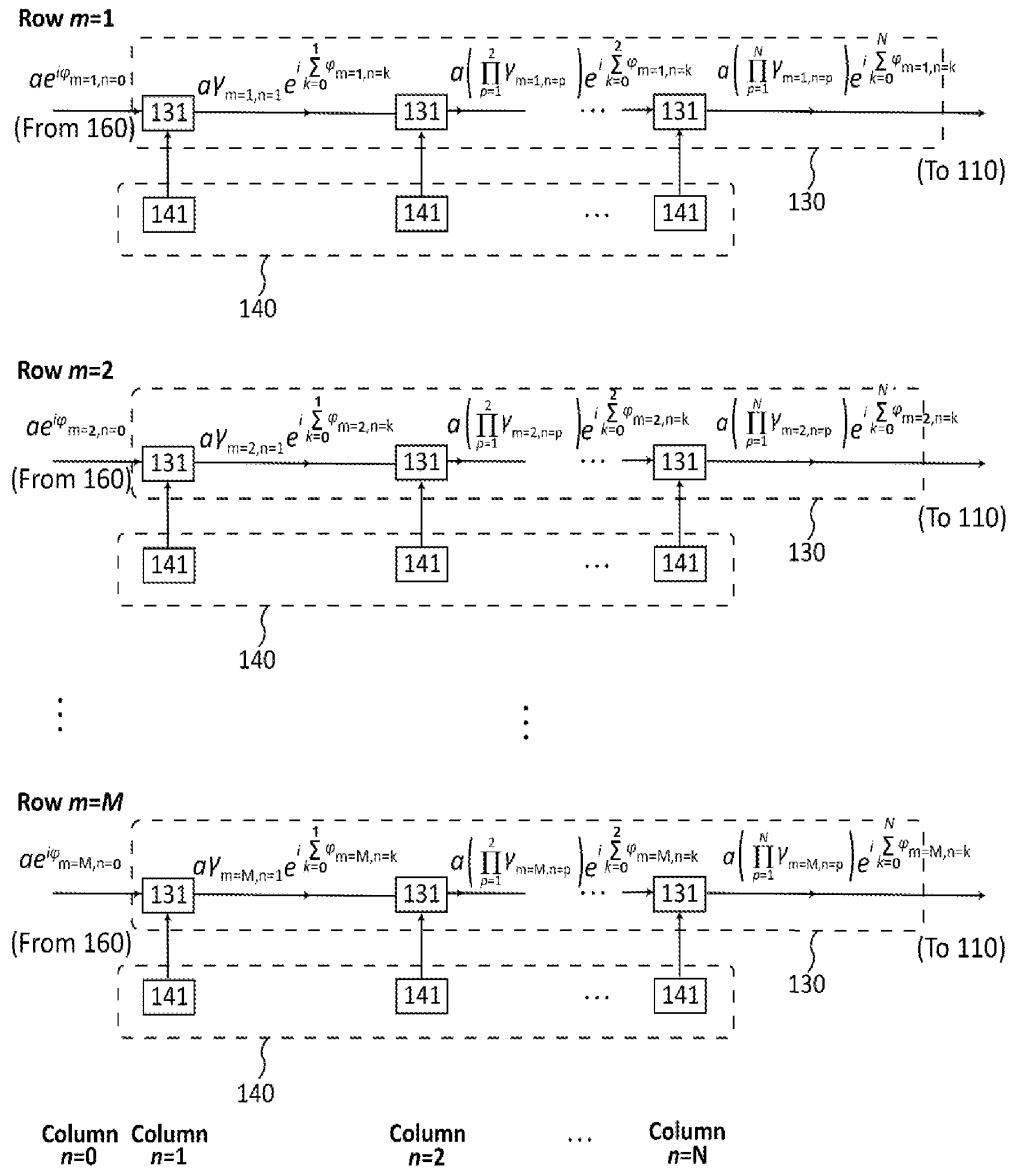


Fig. 2

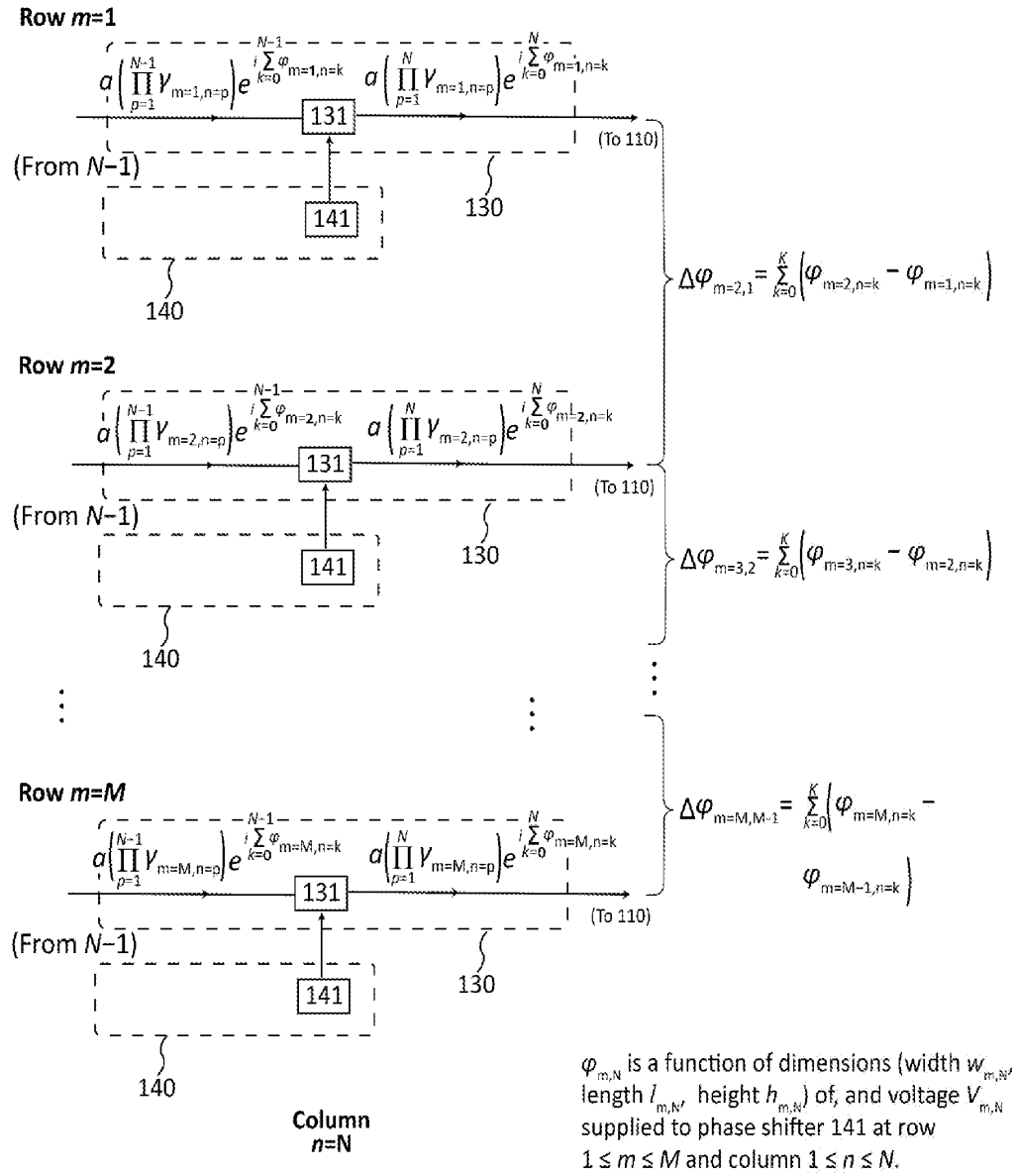


Fig. 3

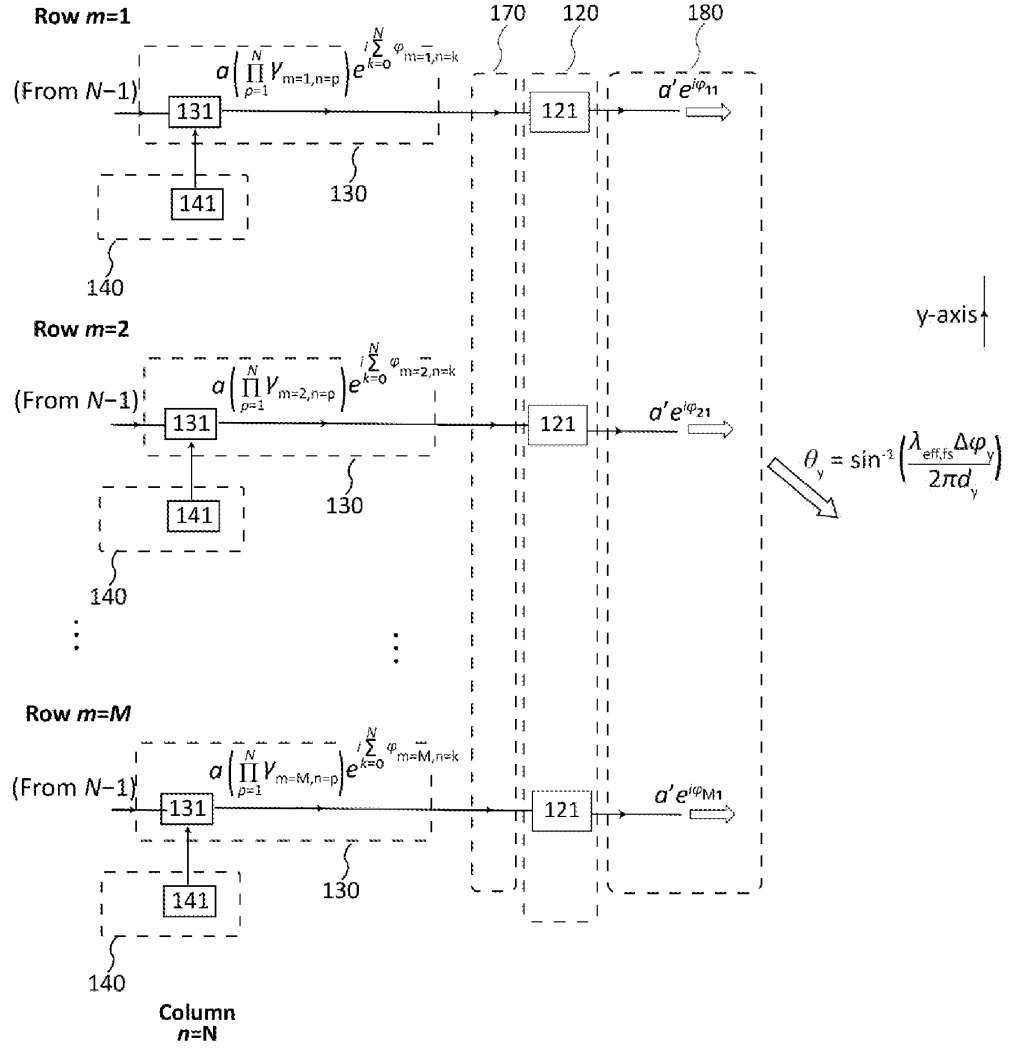


Fig. 4

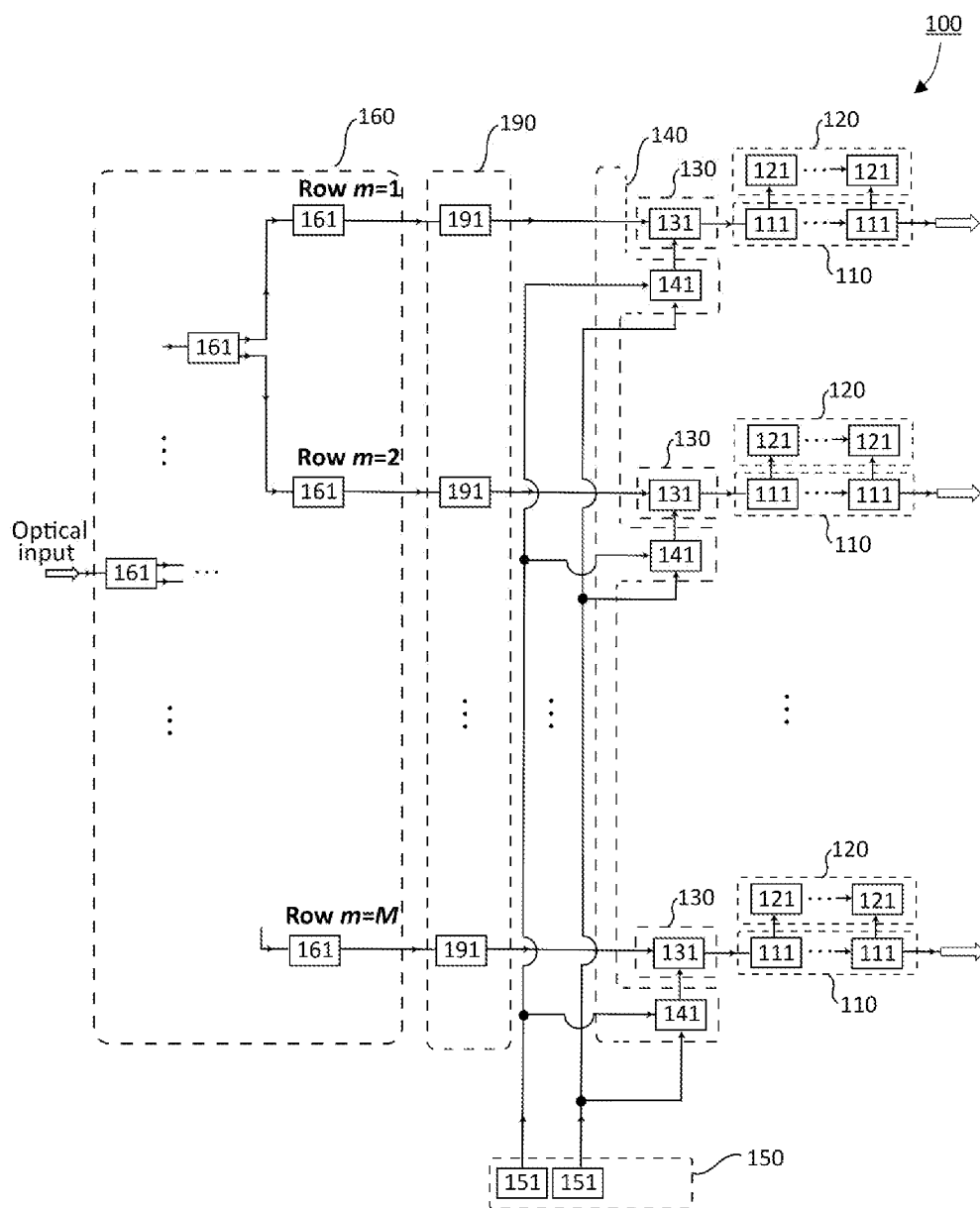


Fig. 5

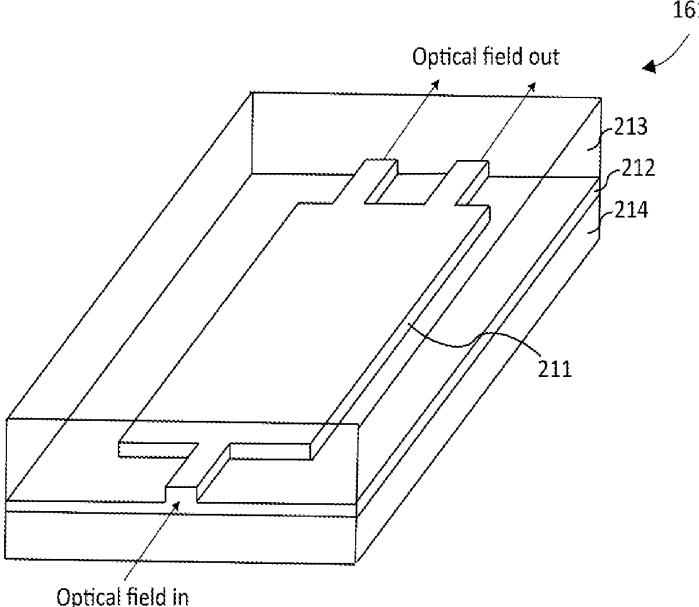
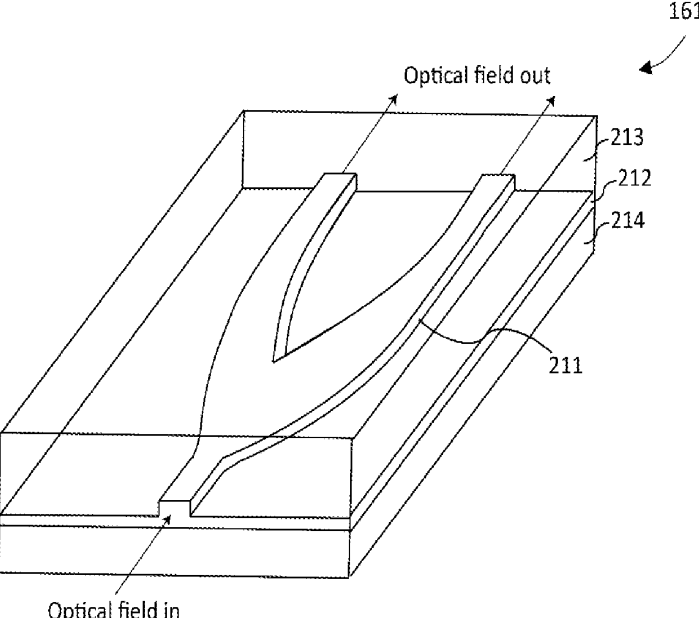
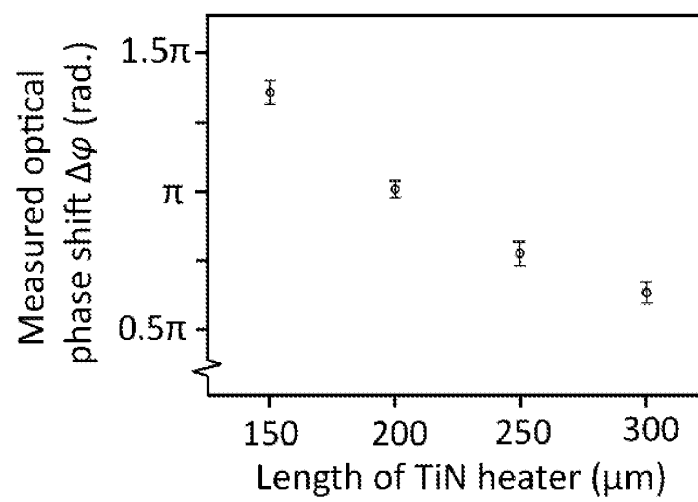
Optical splitter	Schematic
165	 A 3D perspective view of an optical splitter 165. It consists of a substrate 161 with a central waveguide 211. The waveguide 211 has a rectangular cross-section and is flanked by two side walls 212 and 213. The top surface of the waveguide is labeled 214. An arrow labeled "Optical field in" points into the waveguide from the left. Two arrows labeled "Optical field out" point away from the waveguide towards the right, indicating the output paths.
166	 A 3D perspective view of an optical splitter 166. It consists of a substrate 161 with a central waveguide 211. The waveguide 211 has a rectangular cross-section and is flanked by two side walls 212 and 213. The top surface of the waveguide is labeled 214. An arrow labeled "Optical field in" points into the waveguide from the left. Two arrows labeled "Optical field out" point away from the waveguide towards the right, indicating the output paths. The waveguide 211 is shown with a curved, S-shaped profile, suggesting a non-linear or curved optical path.

Fig. 6

Phase shifter	Schematic
135	
136	
137	
138	

Fig. 7

**Fig. 8**

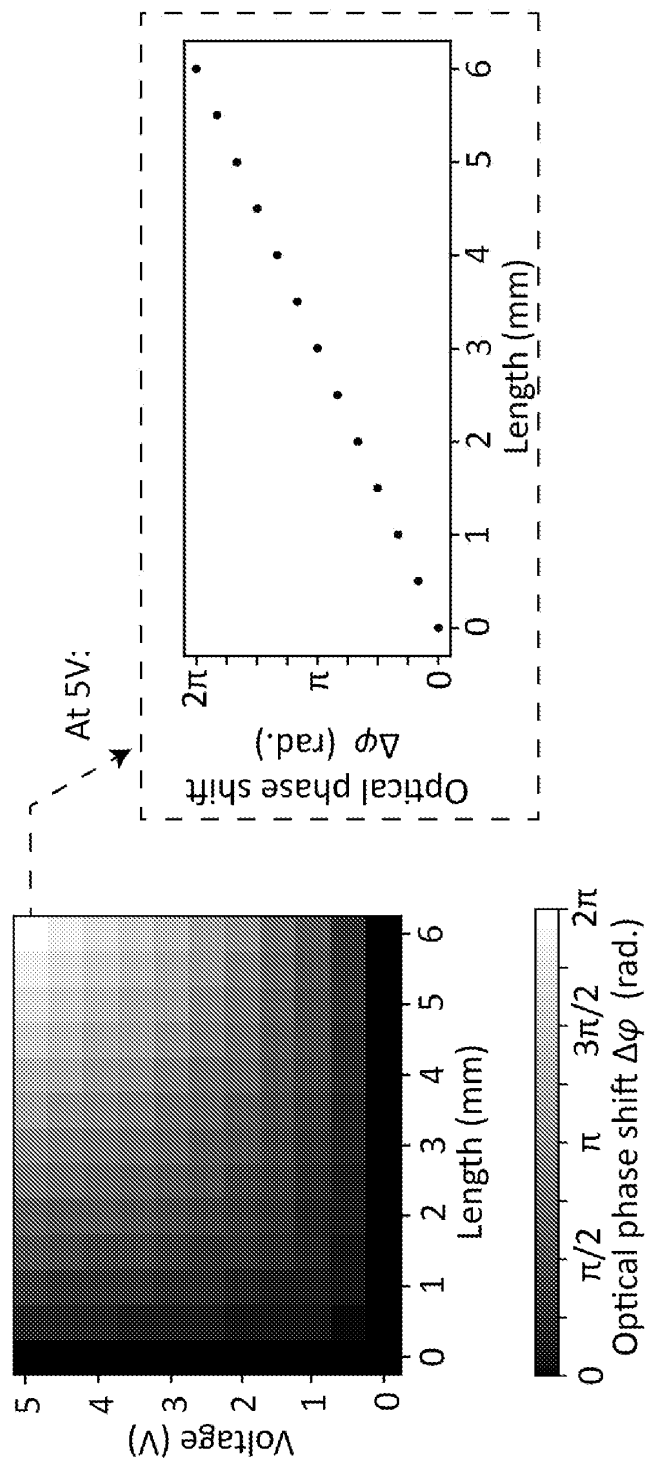


Fig. 9

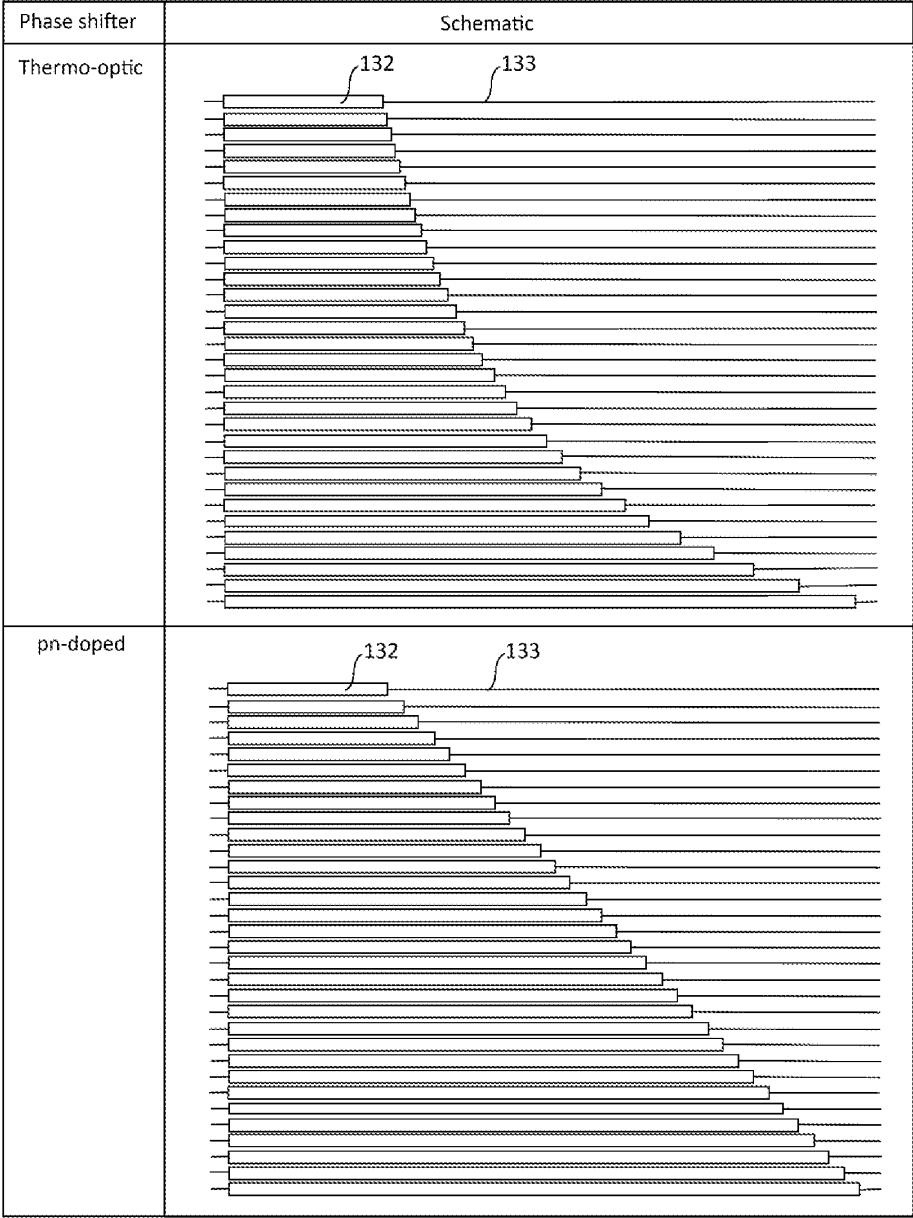


Fig. 10

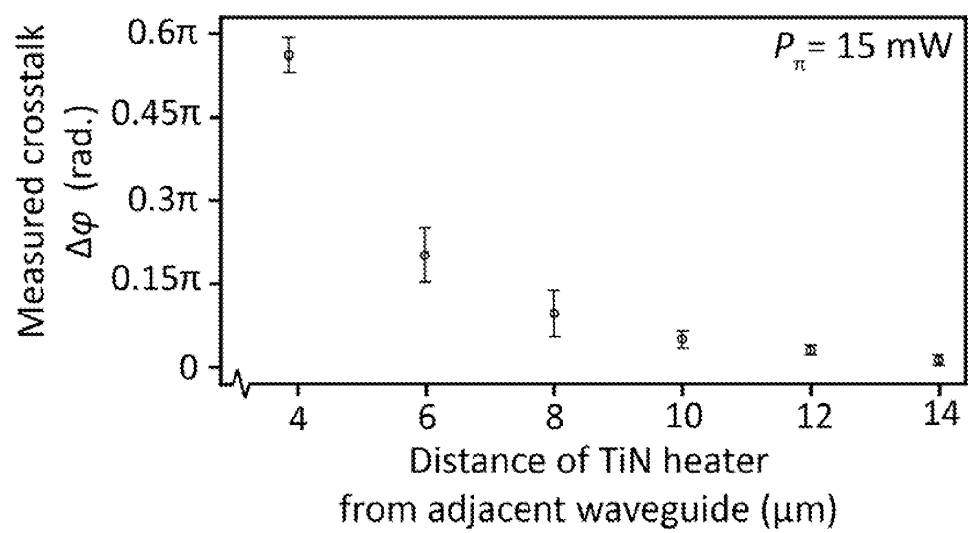


Fig. 11

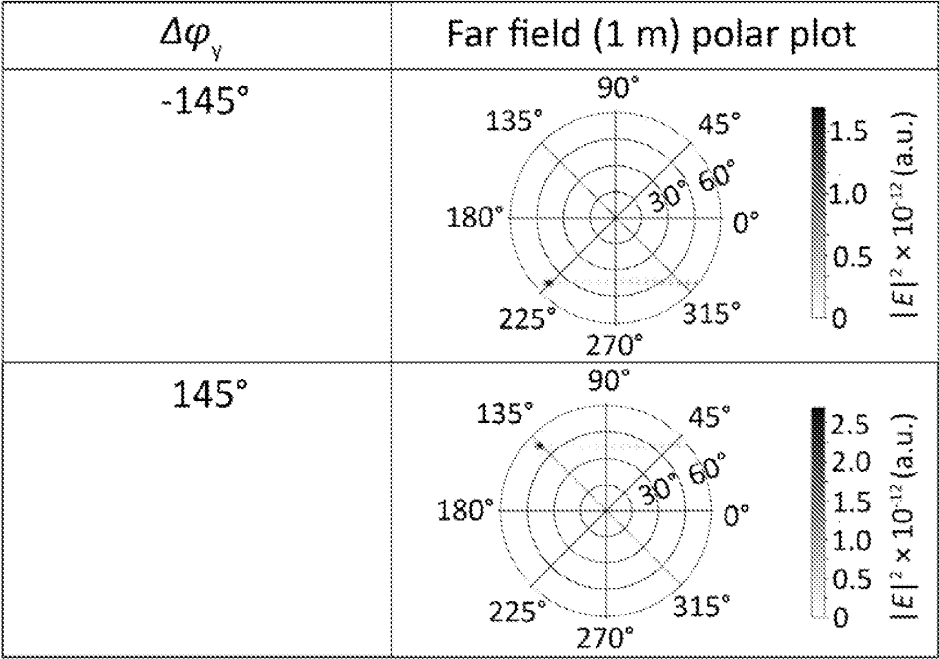


Fig. 12

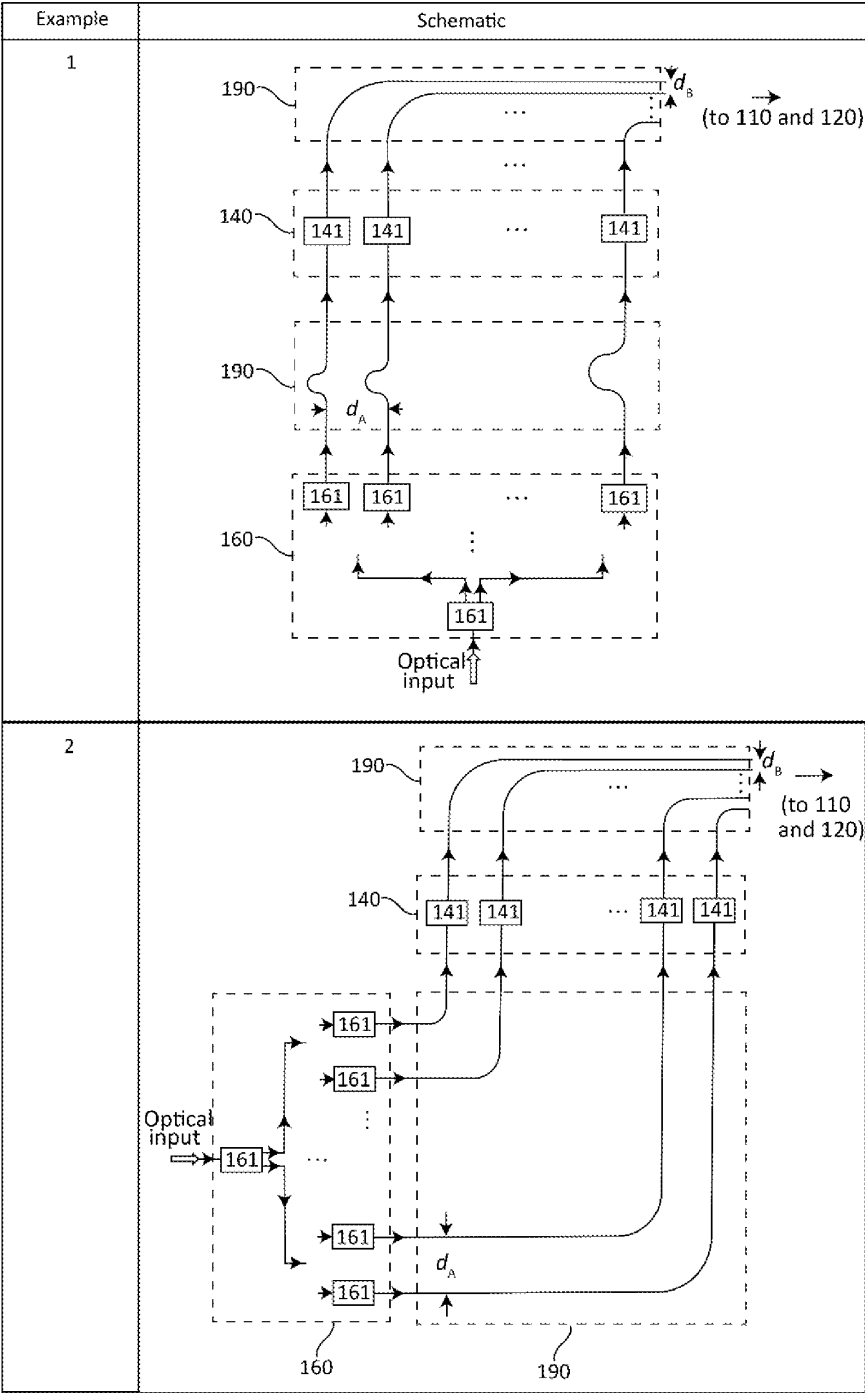
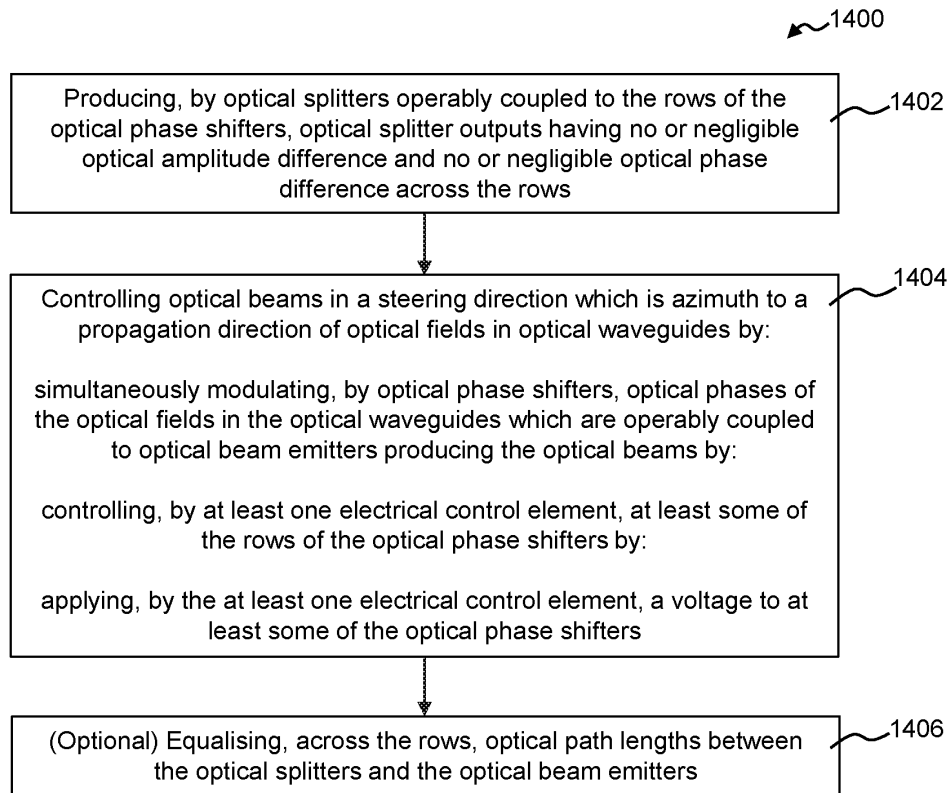


Fig. 13

**Fig. 14**