Docket #: S12-347

A new type of coupled guided-wave spiral-shaped interferometer for slow light and sensing applications

An optical device includes at least one optical waveguide including a plurality of elongate portions. Light propagates sequentially and generally along the elongate portions. At least two elongate portions of the plurality of elongate portions are generally planar with one another and are adjacent and generally parallel to one another. The at least two elongate portions are optically coupled to one another such that the light is coupled between the at least two elongate portions in a direction generally perpendicular to the at least two elongate portions as the light propagates generally along the at least two elongate portions.

This technology is available for licensing through Stanford's exclusive licensee. Please contact Dennis Fortner at: Dennis.Fortner@ngc.com for licensing information.

Patents

- Published Application: WO2014121144
- Published Application: 20140217269

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