

Reflective Coherent Spatial Light Modulator (RCSLM)

Disclosure Number

200000847

Technology Summary

A very small, highly reflective, coherent spatial light modulator (SLM) which can be electronically modulated (intensity and phase) at frequencies in the 10's of GHz is described. The small size and scalability of the SLM pixels make this device ideal for optical/electronic integration on a chip.

Inventor

SIMPSON, JOHN T

Engineering Science & Technology Div

Licensing Contact

SPEIGHT II, MELVIN D

UT-Battelle, LLC

Oak Ridge National Laboratory

Room 143, 4500N, MS: 6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 241-6564

E-mail: DSPEIGHT@ORNL.GOV

Note: The technology described above is an early stage opportunity. Licensing rights to this intellectual property may be limited or unavailable. Patent applications directed towards this invention may not have been filed with any patent office.