

OAK RIDGE NATIONAL LABORATORY

Managed by UT-Battelle for the Department of Energy

Gas-Discharge Carbon Dioxide Micro-Laser

Disclosure Number

200000819

Technology Summary

Nano-optical cavities are used to construct a very low power gas laser in an optical integrated circuit. This would be the first ever miniature, low-power gas discharge laser.

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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.