

OAK RIDGE NATIONAL LABORATORY

Managed by UT-Battelle for the Department of Energy

Reverse Photo Acoustic Effect

Disclosure Number

200401464

Technology Summary

A method for remote detection of specific chemicals using pulse-echo where the variation in acoustic velocity and phase as a function of illumination with certain wavelengths is measured.

Inventor

THUNDAT, THOMAS G
Life Sciences Division

Licensing Contact

SPECK, ROBERTA R
UT-Battelle, LLC
Oak Ridge National Laboratory
Rm 141, Bldg 4500N, MS: 6196
1 Bethel Valley Road
Oak Ridge, TN 37831

Office Phone: (865) 576-4680

E-mail: SPECKRR@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.