

National Institute of Justice

Award Title: Improving Investigative Lead Information and Evidential Significance Assessment for Automotive Paint and the PDQ Database

Award Description:

The goal of this project is to develop new pattern recognition techniques for searching infrared (IR) spectral libraries of the Paint Data Query (PDQ) automotive paint database. These search techniques will be used to differentiate between similar but non-identical Fourier transform infrared (FTIR) paint spectra, and to determine the model, manufacturer, and year of the vehicle from which an unknown paint sample originated.

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Awardee Name: Oklahoma State University

Award Number: 2010-DN-BX-K217

Solicitation Title: NIJ FY 10 Fundamental Research to Improve Understanding of the Accuracy, Reliability, and Measurement Validity of Forensic Science Disciplines

Fiscal Year: 2010

Amount: \$460,473.00

Earmark: No

Recovery Act: No

State/Territory: OK

County: Payne

Congressional District: 03

Award Status: Open