

FEATURED TECHNOLOGY:

A Fiber-Optic Biosensor for the Rapid Detection of Pathogens

INVENTOR (S):

Mohamed Ahmedna

STATUS:

Patent Pending

TECHNOLOGY DESCRIPTION:

Researchers at NC A&T State University have developed a portable biosensor that enables real-time monitoring of pathogen levels in foods. This biosensor is expected to give food inspectors means for rapid and early detection of common food pathogens. This biosensor will serve to safeguard public health, especially in light of recent outbreaks of food borne illnesses in the United States, and enhance food quality/acceptability. The system has excellent commercial potential in the food industry and the military applications for detection of biological agents.

END USE/APPLICATIONS:

Environmental monitoring
Food industry
Military
Food inspectors



MISSION:

The Office of Outreach and Technology Transfer (OTT) connects industrial/commercial partners with NC A&T's expertise, new products and opportunities for development while providing technology-driven business and economic benefits to the regional and state economies. The OTT is entrusted with the university's Intellectual Property portfolio to build a pipeline of novel products and concepts with commercial value.

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