

NEW JERSEY INSTITUTE OF TECHNOLOGY

**RESOLUTION TO AUTHORIZE NON-EXCLUSIVE LICENSES OF
UNIVERSITY INTELLECTUAL PROPERTY SUPPORTING 25-021**

WHEREAS, the Board of Trustees of New Jersey Institute of Technology is empowered to direct and control the disposition of NJIT intellectual property if deemed necessary or advisable to carry out the goals of NJIT; and

WHEREAS, to facilitate the development, operation, and commercialization of products licensed under an exclusive license agreement (hereinafter “Exclusive License”) for NJIT Invention Disclosure No. 25-021: U.S. Provisional Application No. 63/886,191, filed September 23, 2025, entitled “Portable Microfluidic-Based Sensor for pFAS Detection”, the Administration recommends the execution of two non-exclusive license agreements with PFASolve, Inc., in consideration of a license inception fee.

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of New Jersey Institute of Technology that the proposed non-exclusive licensing of the Intellectual Properties listed below:

- NJIT File No. 17-032 titled Enhanced Sensitivity and Specificity for Point-Of-Care (POC) Micro Biochip (Patent Number: 1148056),
- NJIT File No. 18-005 titled Microfluidic Biochip with Enhanced Sensitivity (Patent Number: 11020740),
- NJIT File No. 15-024 titled Microfluidic Diagnostic Assembly (Patent number: 10898894; joint ownership with Hackensack University Medical Center with Reference Numbers IDR-15-006 / IDR-15-011),
- NJIT File No. 17-020 titled Biomarker Detection and Self-Separation of Serum During Capillary Flow (Patent number: 10481154),
- NJIT Invention Disclosure No. 24-034 titled Self-Separation Enhanced Versatile Multiplex-Assay Integrated Nanobiosensing Point-of-Care (MAIN-POC) Micro Biochip (NJIT D24-050, Provisional Patent Application # 63/860100 (2025)),
- NJIT Invention Disclosure No. 24-032 titled Microchannel-Integrated Polyethylene Glycol (PEG)-Coated Capacitive Biosensor for Enhanced Biomarkers Detection under Microfluidic Shear Flow (NJIT D24-049, Provisional Patent Application # 63/841581 (2025)) and
- NJIT Invention Disclosure No. 24-031 titled Miniaturized Capacitive pH Sensor for Nanoliter-Volume Liquids (NJIT D24-042, Provisional Patent Application # 63/841573 (2025)) by NJIT is hereby approved; and

THEREFORE, BE IT FURTHER RESOLVED by the Board of Trustees of New Jersey Institute of Technology, that the Senior Vice Provost for Research is hereby authorized to execute any and all agreements or documents on behalf of NJIT to finalize the licensing transaction.



Sandy A. Curko, Esq.
General Counsel, Senior Vice President
of Legal Affairs, and
Secretary to the Board of Trustees
New Jersey Institute of Technology

July 16, 2026
Board Resolution No. 2027-8