Senate Resolution No. 2213

BY: Senator WEBB

HONORING Dr. M. Stanley Whittingham for his outstanding contributions to the field of chemistry and green technology

WHEREAS, It is the custom of this Legislative Body to acknowledge those individuals whose professional lives and civic endeavors serve to enhance the stature of the State of New York; and

WHEREAS, Attendant to such concern and in full accord with its long-standing traditions, this Legislative Body is justly proud to honor Dr. M. Stanley Whittingham for his outstanding contributions to the field of chemistry and green technology; and

WHEREAS, Born in 1941 in Nottingham, England, Stanley Whittingham developed his interest in science as a student at the Stamford School in Lincolnshire; and

WHEREAS, After receiving a BA in chemistry and an MA and doctorate in solid state chemistry from the University of Oxford, Stanley Whittingham arrived in the United States in 1968 to take up a postgraduate fellow- ship at Stanford University; and

WHEREAS, Upon the completion of his studies, Dr. Stanley Whittingham worked for the Exxon and Schlumberger oil companies before becoming a professor at the State University of New York at Binghamton in 1988; and

WHEREAS, In 2019, Dr. Stanley Whittingham was the proud recipient of the esteemed Nobel Prize for his vital contributions in the development of lithium-ion batteries; this lightweight, rechargeable and powerful battery is now used in everything from mobile phones to laptops and electric vehicles; it can also store significant amounts of energy from solar and wind power, making possible a fossil fuel-free society; and

WHEREAS, Furthermore, his other prizes include: the Chancellor's Award for Excellence in Scholarship and Creative Activities (2006-07); Thomson Reuters Citation Laureate (2015); ISSI Senior Scientist Award (2017); and the Turnbull Award, Materials Research Society (2018); and

WHEREAS, Today, a member of the National Academy of Engineering, Dr. Stanley Whittingham is a distinguished professor of chemistry and materials science at Binghamton University and director of the NorthEast Center for Chemical Energy Storage (NECCES), a U.S. Department of Energy-funded effort to develop the next generation of lithium-ion batteries; and

WHEREAS, A significant contributor to higher education in New York State, Dr. Stanley Whittingham has continually demonstrated an impressive dedication, an unparalleled devotion and an unremitting enthusiasm for the quality of the educational programs and opportunities offered at the State University of New York at Binghamton; and

WHEREAS, His work has helped to solidify key financial investments in green technology from federal programs such as the CHIPS and Science Act and others, ushering in a new era of innovation in the Southern Tier and New York State, which historically has been integral leader in manufacturing and technology; and

WHEREAS, It is the sense of this Legislative Body that when individuals of such noble aims and accomplishments are brought to our attention, they should be celebrated and recognized by all the citizens of this great Empire State; now, therefore, be it

RESOLVED, That this Legislative Body pause in its deliberations to honor Dr. M. Stanley Whittingham for his outstanding contributions to the field of chemistry and beyond; and be it further

RESOLVED, That a copy of this Resolution, suitably engrossed, be transmitted to Dr. M. Stanley Whittingham.