

BY: Senator GRIFFO

COMMEMORATING the 120th Anniversary of Alcoa

WHEREAS, It is the sense of this Legislative Body to recognize and pay tribute to those corporate enterprises throughout the State of New York which have substantially contributed to the economic vitality of their communities; and

WHEREAS, Attendant to such concern and in full accord with its long-standing traditions, this Legislative Body is justly proud to commemorate the 120th Anniversary of Alcoa, to be celebrated on Saturday, June 18, 2022; and

WHEREAS, 120 years ago, Alcoa broke ground on what is now the world's oldest continuously operating smelter in Massena, New York; since that historic first day, the smelter has stood as an integral part of the dynamic Massena community and continues to provide jobs for more than 550 people; and

WHEREAS, Alcoa, the company that created the modern aluminum industry, was incorporated as The Pittsburgh Reduction Company on October 1, 1888; and

WHEREAS, Since its founding day, Alcoa has grown from a spark of innovation to become the world's largest aluminum producer which today operates approximately 350 facilities in 34 countries around the world with approximately 97,000 employees; and

WHEREAS, The process of creating aluminum metal from aluminum oxide through electrolysis was discovered in parallel by two men: Alcoa founder Charles Martin Hall of Oberlin, Ohio, and Paul L.T. Heroult of France; and

WHEREAS, The patent for the process prevailed in the United States and survived numerous challenges; although the Hall - Heroult process has been refined many times, its basic principles are still used today to produce nearly every ounce of aluminum smelted by aluminum producers worldwide; and

WHEREAS, Furthermore, this vital process cut the price of aluminum dramatically and transformed it from a precious metal into a strategic material whose properties of strength, lightness and durability would open a world of new engineering possibilities; and

WHEREAS, Based on this discovery, a group of Pittsburgh entrepreneurs including Hall, Captain Alfred Hunt, George H. Clapp, and others gathered to incorporate the company; its original name, The Pittsburgh Reduction Company, was changed to the Aluminum Company of America in 1907, and then to Alcoa in 1999; and

WHEREAS, Alcoa's first employee, Arthur Vining Davis, worked with

Hall to start production in a small plant in Pittsburgh's Strip District; the company's earliest products were aluminum pots and pans; and

WHEREAS, Alcoa was the first aluminum company to harness sustainable hydropower to drive the smelting process with a plant built in Niagara Falls in 1893; hydropower helped Alcoa further drive down the price of aluminum; and

WHEREAS, Today, hydropower is still a critical part of Alcoa's strategy to maximize its sources of sustainable, clean energy; it powers Alcoa smelters from Tennessee and Washington in the United States to Brazil, Canada and Iceland using renewable hydropower; and

WHEREAS, The Wright Brothers' historic flight took off with an Alcoa aluminum crankcase; its lightness helped tip the balance of power and weight that changed the world of transportation forever; since that day, Alcoa has played a key role in nearly every major innovation in aerospace aluminum, including such milestones as one of the world's first passenger planes, the Ford Trimotor; the first transatlantic flight in 1927; the overwhelming rollout of American aircraft aluminum capacity that helped turn the tide of World War II; the world's first passenger jet, Boeing's 707; and today's latest breakthrough, the Airbus A380 superjumbo; and

WHEREAS, Alcoa aluminum was also first in space with Sputnik, the Russian satellite that shocked the world in 1957 and began the space race of the 50s and 60s, was built in a plant now owned and managed by Alcoa; additionally, Alcoa alloys and propellants have helped make many American space milestones possible, from the first manned flight and the first moon landing to today's Space Shuttle and International Space Station programs; and

WHEREAS, This extraordinary company was the first to formalize and dedicate resources solely to the development of new aluminum technology and applications with the founding of the Aluminum Research Laboratory in New Kensington, Pennsylvania in 1930; and

WHEREAS, In New York, Alcoa aluminum helped build the Empire State Building in 1931, the World Trade Center in 1973, and many other architectural landmarks; and

WHEREAS, Alcoa teamed up with customer Pittsburgh Brewing to introduce the first Easy-Open beer can in 1962, and pioneered the technology for rapid production of aluminum cans in 1968; aluminum quickly overtook steel as the preferred container; and

WHEREAS, Along with the aluminum can, Alcoa introduced America's first consumer can recycling program, complete with recycling centers and television marketing; today, aluminum's environmental and cost advantages are moving to bottle-style beverage packaging as well; and

WHEREAS, Alcoa introduced the forged aluminum wheel in 1948, and created an immediate market for the stronger, lighter, more aesthetic

wheel; the aluminum wheel is just one part of the history of aluminum solutions for the automotive and transportation industry introduced by Alcoa; and

WHEREAS, In 1994, Alcoa and Audi teamed up to introduce the A8, the world's first passenger car to use an all-aluminum body and spaceframe design to provide strength, performance, safety and comfort at a level never before achieved; today, with fuel and emissions performance more critical than ever, automakers are turning to Alcoa for innovative solutions throughout the entire design and manufacturing process; and

WHEREAS, The success of Alcoa is in direct correlation to the efforts of its hardworking and dedicated workforce and supportive community, whose involvement is, and always has been, characterized by an impressive commitment, an unbridled enthusiasm, and an uncompromising standard of excellence in all endeavors on behalf of the organization and those it serves; and

WHEREAS, It is with great pleasure that this Legislative Body acknowledges Alcoa's contributions to the local and State economies, and extends its highest commendation to this corporate enterprise, fully confident that it will continue to enjoy the sparkling success it has enjoyed thus far; now, therefore, be it

RESOLVED, That this Legislative Body pause in its deliberations to commemorate the 120th Anniversary of Alcoa; and be it further

RESOLVED, That a copy of this Resolution, suitably engrossed, be transmitted to Klaus Kleinfeld, President and CEO, Alcoa.