

Resume of Leonard M. Andersen – Experienced Engineer New Combined Cycle Gas Turbine
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Electrical Gen – Propulsion technology Site Attended TurboExpo <https://event.asme.org/Turbo-Expo> Rotterdam Residence / office 46 Alexander Avenue, Yonkers, NY - Three Story Private residence NY Gas Turbine Engineer – The new technology has been developed with water into a flow of hot gas in a swirling pattern most recently with a focus on internal combustion engines , fired boiler stacks and, water swirled into gas turbines combined cycles for more fuel efficiency. Beyond more fuel efficiency there is pollution control of PM 2.5 and PM 10 particulate in coal firing etc.. Since 2009 3 Patents and presentations at ASME Power Energy, ASME South Texas Section Technical Chapter meeting and at Turbo Expo 2019 Phoenix and Attending <https://event.asme.org/Turbo-Expo> Journalist Media – Covered 23rd World Petroleum Congress Houston 5 -9 December . I covered the World Petroleum Congress www.worldpetroleum.org events since 2001 as an accredited journalist. Welding Inspector CWI Engineer - Since August 2014 Buildings Shops Etc. New York City and Ohio / CT and more than 15 years NYCDOT inspector direct and through contractor Construction Project Manager - Engineer October 2000 to May 2014 - Welding Man / Geotechnical Engineer (Dockbuilders LU 1556 practical) at NYCDOT Division of Bridges - projects which participated in were in the range from 100 million USD to 700 million USD. Inventing - My patents are five in welding, two in petroleum, one in lubrication, two issued 8,671,696 & 9,376,933 United States Patent # 11,603,794 , issuing 14 March --- Andersen; Leonard Morgensen February 24, 2022 "METHOD AND APPARATUS FOR INCREASING USEFUL ENERGY/THRUST OF A GAS TURBINE ENGINE BY ONE OR MORE ROTATING FLUID MOVING (AGITATOR) PIECES DUE TO FORMATION OF A DEFINED STEAM REGION" Abstract "A gas turbine engine comprising a housing coupled to an upstream source of hot gas and superheated water droplets, the housing having a centerline, an annular bay section positioned radially away from the centerline and protruding in an upstream direction, a rotatable shaft positioned along the centerline, a fluid mover coupled to the rotating shaft and positioned to receive the hot gas and superheated water droplets from the upstream source and to move the hot gas and superheated water droplets radially toward the annular bay section of --- -----." Inventor: Andersen; Leonard Morgensen (New York, NY) in Internal Combustion engine , New Combined Cycle Gas Turbine Technology , Smoke stack tech (Total 11) . Engineering Society Memberships - Active in NYC American Civil Engineers Society www.ascemetsection.org & ASME www.asmemetsection.org & ASME International Gas Turbine Institute (IGTI) presenting & American Institute of Chemical Engineers www.aiche-metrony.org & Society of Petroleum Engineers New York and NE Petroleum Section <http://nyne.spe.org> & American Welding Society www.aws.org, & Society of Tribologist and Lubrication Engineers www.stle.org . My background includes +20 years membership in www.spe.org / www.aws.org Education – Short Courses -- Took practicalaero.com "Intro to Jet Engines" three days --- TGA Steam & Gas Turbine 2-Day Training Event in Charleston, SC -- Gas Turbine day long ASME courses SEC

Registered Representative (Stock Broker) Qualified Security Training Corporation NYC
trained BSChE (Bachelors Science of Chemical Engineering) University of Arizona, Tucson,
Arizona Diploma in Marine Diving, National Polytechnic College of Engineering and
Oceaneering, Wilmington CA / Associates of Applied Science of Chemical Technology,
Westchester Community College, Valhalla NY / US Army Engineering School, Fort Belvoir
VA -- Society of Petroleum Engineers, Short Courses / www.uspto.gov coursed Inventor Writer
of Patents, Wrote More disclosures . Patent Attorney Ed Ellis www.LeasonEllis.com . Former
patent firm Darby & Darby - Rob Sullivan ! Fields of Experience - Electrical Generation /
Propulsion -- Construction Project Management / Welding engineering for structural steel
applications with an emphasis on bridges / chemical engineering and +20 years part time
journalism at world class petroleum events . Last 20 years I have spoken Chinese every day at
work. Worked in Spanish language in Mexico, Spain etc., and Arabic in the Kingdom of Saudi
Arabia for near a year, Norwegian in Norway etc. for about six months and worked in the Russian la