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EDUCATION:

Massachusetts Institute of Technology; Cambridge, MA, SBEE (1962)
Stanford University; Stanford, CA, MS (1963)
State University of New York at Stony Brook, (1966)
Doctoral studies, communication systems

PROFESSIONAL ASSOCIATIONS:

IEEE; Institute of Navigation (ION); International Loran Association (Director); International Navigation Association

BACKGROUND & EXPERIENCE:

CAMBRIDGE ENGINEERING, Inc.

President since January 1973.

Cambridge Engineering provides technical audit, system analysis and design services to the electronics industry.

Polhemus Navigation Sciences, Inc., Essex Junction, VT

Vice-President of Engineering.

Responsible for system studies and product design. System design efforts included SPASYN, a magnetically coupled attitude measurement system. Applications included pilot head motion sensing and all attitude control systems.

Beukers Laboratories, Inc., St. James, NY

Vice-President of Development Engineering.

Responsible for new product definition and specification based on marketing and technical requirements. A 16-man technical staff under my direction developed products through production release. Responsible for customer funded contracts and proposal efforts.

Electronic Communications, Inc., St. Petersburg, FL

Senior Engineer, Research & Advanced Development Laboratory.

Responsibilities included studies in the areas of statistical communication theory and system theory with emphasis on the demodulation of amplitude and angle modulated signals.

University of Florida; Gainesville, FL. Adjunct Lecturer, Graduate School of Electrical Engineering. Statistical Communication Theory and Information Theory.

St. Petersburg Junior College; St. Petersburg, FL. Instructor, Department of Social Sciences. Philosophical Logic.

PATENTS:

Duplexed Antenna for Retransmission Device (3,739,390).), M. Poppe, and L. Masoian; Beukers Laboratories, Inc.

Loran-C Third Cycle Identification through the use of OMEGA (3,754,260), M. Poppe, J. Beukers, J. Meranda and C. Williams; Beukers Laboratories, Inc.

Radiosonde Meteorological Data Oscillator and Pulse Stretcher (3,781,715) M. Poppe and M. Friedman; Beukers Laboratories, Inc.

Antenna for Weather Balloon (3,781,893) , J. Beukers , and M. Poppe; Beukers Laboratories, Inc.
Position Finding System.(4680590) E Lowe, M Poppe, A. Stratton; Terrafix Limited, Welyn, United Kingdom

Enhanced Position Calculation (5,717,406), M. Poppe and B. Sanderford; SANCONIX, New Orleans, LA.

Enhanced Position Calculation (6,084,547), M. Poppe and B. Sanderford; SANCONIX, New Orleans, LA.

Enhanced Position Calculation (5,917,449), M. Poppe and B. Sanderford; SANCONIX, New Orleans, LA.