

E. Thomas Maas

PROFESSIONAL EXPERIENCE

2003-Present Maine Patent Program, Portland, Maine (Contract employee)

PATENT ADVISOR performing detailed novelty and patentability searches, preparing patentability opinions and counseling inventors emphasizing and focusing on the motivations for pursuing patent protection for inventions, the legal and practical aspects of obtaining patent protection, and the value of patents once they are obtained. Emphasis was directed at assessing the specific, unique needs of each individual inventor and tailoring the consultation to fulfill those needs.

1979-2002 Amoco Corporation; Amoco Technology; BP/Amoco Legal Department

BP/Amoco Legal, Chicago, IL (1992-2002)

PATENT ANALYST and member of the Intellectual Property Group providing legal services relating to patents, licensing, research and development contracts, and intellectual property management. Responsible for keeping patenting activities focused to support business interests as well as providing critically analyzed prior art searches for preparation of patent applications.

Aided in patent preparation and prosecution, validity and infringement issues, strategy development and intellectual property portfolio valuation.

Licensing responsibilities included management of ARCO's upstream production licensing portfolio, Amoco's hydrogen sulfide licensing portfolio, and Amoco Technology's BioProducts portfolio including placement of new licenses with outside companies, royalty collections, review and evaluation of performance and license terminations.

Technical areas of responsibility: exploration and production of crude oils; lasers and photonics; optical communications systems; synthetic biotechnology and recombinant DNA; clinical and genetic biologic assay; metallurgical corrosion; alternative fuels; LNG; feedstocks, chemicals, and lubes; photovoltaics; flat panel displays; medical products.

Registered U.S. Patent Agent: USPTO Reg. No. 44,885

Amoco Technology Business Analysis and Development, Naperville, IL (1984-1991)

TECHNOLOGY EVALUATION MANAGER, PHYSICAL TECHNOLOGIES
Evaluation of technologies and businesses as diversification opportunities in the areas of lasers, photovoltaics, flat panel displays, medical products, corrosion protection, optics and optical communication.

Exploration and evaluation of external companies as potential collaborators and customers, defining products and recommending developmental efforts.

Developed quantitative business plans for specific technology-based start-ups utilizing commissioned and internal studies.

Internal strategy development and corporate acquisition team member in the areas of lasers and photonics.

Amoco Corporation: Corporate Research Department, Naperville, IL (1979-1983)

PROJECT MANAGER responsible for

Exploratory Photovoltaic Research

Electrochemical and Photoelectrochemical Processes

Led project teams in the exploration and development of new technologies targeted at the initiation of profitable business opportunities.

Exxon Research & Development Company, Linden, NJ (1974-1979)

SENIOR RESEARCH SCIENTIST/Corporate Research Laboratories

Individual contributor and team member developing novel technologies: nuclear fuels; laser isotope enrichment; nuclear fuels reprocessing and fission product trapping and containment; solid lubricants; non-aqueous lithium batteries; minerals exploration; catalytic conversions of heavy petroleum fractions;

International Business Machines Corporation, Yorktown Heights, NY (1972-1974)

POST DOCTORAL RESEARCH ASSOCIATE at IBM's prestigious corporate research facility. Individual contributor in the area of organic and metal-organic electrical conductors with a target being high temperature organic-based superconductors.

EDUCATION

Iowa State University
Ames, IA

Ph.D., Inorganic Chemistry, 1972

Northern Illinois University
DeKalb, IL

B.S. (Honors) Chemistry, Math, 1967

PERSONAL

Married, two grown children

OTHER ACTIVITIES

Member, American Chemical Society

Member, Dean's Alumni Advisory Committee, College of Liberal Arts and Sciences,
Northern Illinois University

Member, Director, and Past President of Batavia (IL) Lions Club

Past (elected) Member, Board of Education, Batavia (IL) Unit School District No. 101