

JUN. 16 1979

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PUBLICATIONS OF H. TRACY HALL

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92. Chapter II, "High Pressure Techniques", Ibid. pp. 9-72.

- 1980 Admitted to practice patent law before the U.S. Patent and Trademark office as an agent, registration number 29,800, June 23.
- 1980 "Man of the Year Award," Abrasive Engineering Society, Milwaukee, Wisconsin
- 1978 "Karl G. Maser Research Award," Brigham Young University, Provo, Utah August 31
- 1977 "International Prize for New Materials," The American Physical Society, San Diego, California, March 22
- 1975 "Distinguished Alumni Award," Weber State University, Ogden, Utah, October 16
- 1974 "IR-100 Award," Industrial Research Magazine for Indexible Sintered Diamond Tools, Chicago, October 8. *Sintered*
- 1973 "Engineering Materials Achievement Award," The American Society for Metals, Chicago
- 1973 American Chemical Society Tour Speaker (Texas, Louisiana)
- 1973 The American Society for Metals "Engineering Materials Achievement Award," Chicago, October 2, Conrad Hilton Grand Ballroom
- 1972 American Chemical Society Tour Speaker (Oregon, Washington)
- 1972 Fellow, The American Institute of Chemists
- 1972 The Intermountain Society of Inventors and Designers "Certificate for Distinguished Service and Leadership in the Field of Invention and Designing," Salt Lake City, Utah, May 20
- 1972 Fellow, The Utah Academy of Science, Arts, and Letters
- 1972 The American Chemical Society "Award for Creative Invention," Boston, Massachusetts, April 10
- 1971 Honorary Doctor of Science Degree, Brigham Young University, Commencement Exercises, Provo, Utah, May 28
- 1971 "Outstanding Manhood Award," presented by Associated Men Students, Brigham Young University, Provo, Utah April 13
- 1970-1973 Member of National Academy of Science--National Research Council Evaluation Panel for the National Bureau of Standards Heat Division
- 1970 Cortez Honors Lecture, Weber State University, December 10, Ogden, Utah
- 1970 American Institute of Chemist's "Chemical Pioneer Award," Pittsburgh, Pennsylvania, May 16
- 1968- Member of Joint Army-Navy-Air Force Thermochemical Tables Advisory Group
- 1967- Distinguished Professor of Chemistry and Chemical Engineering, Brigham Young University

- 1967 Robert A. Welch Foundation, "Lecturer in Chemistry," Texas Universities
- 1966-1969 Member of Editorial Board, "The Review of Scientific Instruments"
- 1965 The American Chemical Society, Salt Lake Section's "Utah Award,"
University of Utah, Salt Lake City, December 9
- 1965 The National Association of Manufacturer's "Modern Pioneers in Creative
Industry Award," The Waldorf Astoria, New York City, December 2
- 1965 The Brigham Young University's "James E. Talmage Scientific Achievement
Award," Baccaluareate Exercises, Provo, Utah, May 27
- 1964 Third Annual "Olin Mathesen Lecture," Yale University, New Haven,
Connecticut, April 22
- 1964 First "Annual Faculty Lecture," Brigham Young University, Provo, Utah,
April 8
- 1962 The American Society of Tool and Manufacturing Engineers "Research Medal,"
New York City
- 1961-1964 Member of Editorial Board, "Inorganic Chemistry"
- 1960-1961 President, Utah Academy of Sciences, Arts and Letters
- 1960 Fellow, American Association for the Advancement of Science
- 1959-1963 Alfred P. Sloan Foundation Research Fellow
- 1959 Chairman, Salt Lake Section, American Chemical Society
- 1954 First to synthesize diamond, December 16, G.E. Research Lab, Schenectady,
New York