

JAMES E. FREEZE

James E. Freeze is President of The Freeze Corporation (TFC). TFC, established in 1981 and now primarily a holding-type company, was until 1996 a professional services firm headquartered in Springfield, Virginia, which provided Operations Security (OPSEC) related services to both government and corporate clients.

Prior to assuming his present position, Freeze served 32 years in the United States Army. He enlisted as a private and rose through the ranks to the grade of Major General. At the time of his retirement from active military service, he was Assistant Deputy Director, National Security Agency, and Deputy Chief, Central Security Service. His military career, primarily in the intelligence and security arena, included assignments as Commanding General, US Army Intelligence Agency; Deputy Commanding General, US Army Intelligence and Security Command; Commander, 502d Army Security Agency Group; Commander, 303d Radio Research Battalion; and Commander, Army Security Agency Combat Developments Activity. He served in duty stations throughout the world. He was the first Army cryptologic officer to be selected for flag rank, and at the time of his retirement was the senior cryptologic officer of the United States Army.

Jim Freeze led TFC's OPSEC, Intelligence, Security and Electronic Warfare programs. He served as a principal advisor to the DOE OPSEC Program Manager related to DOE OPSEC activities, directed and participated in the conduct of 16 OPSEC Vulnerability Assessments of DOE-related facilities and activities, and assisted in formulating, implementing, and maintaining the viability of the overall DOE OPSEC Program, to include developing and acting as lead instructor for DOE's Basic OPSEC training course (1988-1995). The week-long course was recognized as a benchmark in OPSEC training. In April 1989 he was designated by the Secretary of Energy to head the Secretary's Safeguards and Security Task Force in the conduct of an in-depth review of safeguards and security activities throughout the Department of Energy. He subsequently directed and coordinated actions to improve the Department's Safeguards and Security posture.

General Freeze holds a baccalaureate degree in Military Studies from the University of Maryland and a Master of Business Administration degree from Syracuse University. He is a graduate of the US Army Command and General Staff College and the US Army War College. He has made numerous presentations to professional and Christian groups throughout the years, and has taught and been a guest lecturer at several military and civilian educational institutions.

The General, who relaxes when time permits on the ski slopes, is married to the his childhood sweetheart, the former Dorothy Tompkins. They have two adult children and two grandchildren.

NAME: JAMES E. FREEZE

EDUCATION: MBA (Business Administration/Comptrollership),
Syracuse University
BS Military Science, University of Maryland
Graduate US Army War College
Graduate US Army Command & General Staff College

EXPERIENCE: 45 Years Professional

General Freeze has an extensive background in all phases of intelligence and security operations. His specific areas of expertise are Operations Security (OPSEC), Signals Intelligence, Electronic Warfare, counter-terrorism, and threat analysis. He has a wealth of both "hands on" and management experience.

Mr. Freeze, who currently considers himself semi-retired, is President of two small business corporations: Iowa County Abstract Company, an Iowa corporation engaged in the provision of abstracts of title, and The Freeze Corporation (TFC), currently a holding-type company but from 1981 to 1996 a professional services firm engaged in the provision of intelligence, security, operations security and management services to government and corporate entities.

In his role with TFC, Freeze directed and personally participated in the conduct of Operations Security Vulnerability Assessments of sixteen US Department of Energy and related contractor facilities and activities. He was instrumental in the formulation and implementation of the DOE Operations Security Program and devised many of the current procedures and practices involved in the assessment process. He directed and participated in numerous training and education activities related to the conduct of the DOE Operations Security Program; developed and for seven years acted as lead instructor for the DOE OPSEC Course; has co-authored many assessment reports, written numerous OPSEC guidance and procedural documents, and is recognized as a leading expert in the OPSEC field.

General Freeze served as the Head of the Secretary of Energy's Safeguards and Security Task Force. In that capacity, he directed a broad and in-depth review of Safeguards and Security activities throughout the Department of Energy. He subsequently directed and coordinated actions to improve the Department's Safeguards and Security posture.

Mr. Freeze was also involved in numerous projects for government and private industry related to the intelligence and security arena. Of particular note is the fact that for seven years he performed as Lead Program Manager responsible for operational support to the US Army Signals Warfare Laboratory's (USASWL) Engineering and Logistical Support Services contract. He was responsible for providing program management guidance and

direction to numerous operational Sigint/EW programs under development at the USASWL.

Prior to his retirement from active military service, General Freeze was Deputy Chief, Central Security Service, and Assistant Deputy Director for Plans and Policy at the National Security Agency. In this position, he was responsible for multi-service resource planning and for supervision of NSA, Army, Navy and Air Force field sites throughout the world.

Prior to his NSA assignment, General Freeze was Deputy Commanding General of the US Army Intelligence and Security Command. In this position he was responsible for and directly involved in all phases of military intelligence, to include Operations Security, counter-terrorism, and intelligence collection, analysis, processing and reporting.

General Freeze possesses knowledge and experience in the conduct and management of all facets of intelligence and security activities. Primarily recognized as an expert in Sigint/EW and Operations Security, his experience runs the gamut of disciplines with the broad general title of Intelligence. In addition to the specifics of Intelligence, his background and experience include those ancillary disciplines that make up a total package. In short, he is truly a unique resource.

PROFESSOR JAMES P. CHANDLER

President of the
NATIONAL INTELLECTUAL PROPERTY LAW INSTITUTE
Chairman of
THE CHANDLER LAW FIRM PLLC
B.A., University of California, Berkeley
J.D., University of California, Davis
LL.M., Harvard University

During his illustrious career, Professor James P. Chandler has compiled an enviable academic record while distinguishing himself in numerous areas of both United States and international law. His professional life is notable for the continuous offering of both his time and expertise to help create and maintain organizations dedicated to the advancement of his profession.

A gifted academic, Professor Chandler received a Graduate Fellowship to Harvard University in 1970 and in 1971 was a Fellow in the Academy of Engineering of the National Academy of Sciences. In 1972, Professor Chandler accepted an appointment as a Faculty Fellow in the Stanford University Engineering Department followed by an appointment in 1975 as Distinguished Visiting Professor of Law at the University of Mississippi School of Law. Breaking new ground, Professor Chandler moved to Washington, D.C. in 1977 to accept an appointment as Professor of Law and Director of the Computers in Law Institute at the George Washington University National Law Center. Professor Chandler's reputation as a pioneer and leading expert in the field of intellectual property law grew rapidly and in 1984 he returned to his alma mater, Harvard University, as a Visiting Scholar. Since taking Emeritus status from the George Washington University in 1994, he has been pursuing the advancement of the study and practice of intellectual property law in the United States and around the world.

The Science and Technology Section of the American Bar Association owes its founding, in part, to Professor Chandler. He served as a member of the Section Council and as academic advisor to the Section, which addresses legal problems and complications arising from the creation of new technologies. In another capacity for the Bar Association, Professor Chandler served as vice-chairman of the International Intellectual Property Rights Committee and as a member of the National Security Advisory Committee.

Recognizing the need for legal guidance in the area of computer law, Professor Chandler lent his expertise to help create the Computer Law Association of America. This Association, which specializes in the law governing computing technologies, included him on its Board of Directors from 1972 to 1982.

Professor Chandler has spent much of his professional life in the classroom around the United States and around the world. He receives numerous invitations to lecture internationally and has been active in the international legal community since 1975. In recent years, among the myriad universities and organizations which have hosted

Professor Chandler, he has lectured at the Russian Intellectual Property Law Institute in Moscow, St. Petersburg University in St. Petersburg, the Urals State Law Academy, the Urals State Technical University in Yekaterinburg, Russia, Kyoto University in Japan, Sun Yat Sen University and the Schiead Patent Agency in Guangzhou, China, Beijing University, Shanghai University, Ankara University in Turkey, the Malaysia Intellectual Property Association in Kuala Lumpur, and to representatives of the Ukrainian Union of Intellectual Property in Kiev. His advice and counsel is sought regularly from intellectual property lawyers and professionals, judges, and government representatives from all over the world, including Africa, Asia, the Middle East, Europe and the Americas. He receives students from the United States and around the world to participate in lectures, symposia, courses and seminars in Washington, D.C. where he offers advanced intellectual property law training and scholarship as President of the NATIONAL INTELLECTUAL PROPERTY LAW INSTITUTE (NIPLI).

In addition to his professorships and academic affiliations, Professor Chandler has numerous publications to his credit as well as being the co-author of a teaching text on computer law and author of a treatise on patent law. He recently published an article on Patent Protection of Computer Programs in the Minnesota Intellectual Property Review. Professor Chandler is the original author of the Economic Espionage Act of 1996 (EEA) and worked closely with the Executive and Legislative Branches of the U.S. Government in support of the enactment of this legislation. He is frequently consulted by the U.S. Government, legal community, and private industry in the fields of economic espionage, intellectual property, and information and systems security issues arising from the use of computer technologies. So prominent is his reputation in the field of intellectual property law that from 1993 to 1995 Barclays Law Publishers published his analyses of cases decided by the United States Court of Appeals for the Federal Circuit.

At the request of President Clinton, Professor Chandler accepted an appointment to the National Infrastructure Assurance Council (NIAC), a council established by Executive Order in July 1999. The NIAC's mission is to enhance the partnership of the public and private sectors to address threats to the Nation's critical infrastructure. It will provide recommendations born of its work to both the National Security Council and the National Economic Council.

Professor Chandler is truly a leading figure and admirable scholar in intellectual property law and in the protection of United States national and economic security. His career has been both lengthy and fruitful. His former and present contributions to academia, government and the private sector will be long remembered and revered.