



Filed: 4 October 1999

AFB00481

**ASSIGNMENT  
(Joint-Executive Order)**

WHEREAS, we, **Jeffrey S. Herd, Marat Davidovitz and Hans Steyskal**, while employed by the Government of the United States, made an invention entitled **RECONFIGURABLE MICROSTRIP ANTENNA ARRAY GEOMETRY WHICH UTILIZES MICRO-ELECTRO-MECHANICAL SYSTEM (MEMS) SWITCHES**, and described in application for Letters Patent of the United States executed by us on or about the 28 day of September, 1999, and on the 28 day of September, 1999, and on the 28 day of September, 1999.

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we **Jeffrey S. Herd, Marat Davidovitz and Hans Steyskal**, the inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and we hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any

papers which may be necessary for the preparation and filing of such applications, or for the Government to exercise its option granted hereunder, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.

Inventor

Jeffrey S. Herd

STATE OF: Mass

ss.

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Mass, on this 28 day of Sept, 1999, personally appeared Jeffrey Herd to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

[Signature]  
Notary Public

(Seal)

Inventor

Marat Davidovitz

STATE OF: Mass

ss.

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Mass, on this 28 day of Sept, 1999, personally appeared Marat Davidovitz to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledged said instrument to be his free act and deed.

[Signature]  
Notary Public

(Seal)

Inventor H. Steyskal  
**Hans Steyskal**

STATE OF: Mass  
COUNTY OF Middlesex ss.

Before me, a Notary Public in and for the county of Middlesex and state of Mass, on this 28 day of Sept, 1999, personally appeared Hans Steyskal to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledged said instrument to be his free act and deed.

[Signature]  
Notary Public

(Seal)