WHEREAS, William F. Friedman of_____________________________________________________, have invented certain improvements in_____________________________________________________, for which the undersigned on______________________, executed an application for Letters Patent of the United States; and

WHEREAS, the Government of the United States is desirous of acquiring the entire right, title and interest in and to the said invention and in and to any patents that may issue thereon:

NOW, THEREFORE, in consideration of the premises and one dollar ($1.00), the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Government of the United States of America, as represented by the Secretary of War, the entire right, title and interest, throughout the United States of America, and the territories and dependencies thereof, and not elsewhere, in and to the said invention and to the invention as described in the specification executed by the undersigned on even date herewith, preparatory to obtaining Letters Patent in the United States therefor, and to all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, reissues, or extensions of such Letters Patent; the said entire right, title and interest as well as the control of the prosecution of the application and all continuations, continuations-in-part, divisions, reissues, or extensions thereof as where are or that may be granted, to be held by the Government as fully and entirely as the same would have been held by me had this assignment and sale not been made. The undersigned hereby gives the Government of the United States of America the non-exclusive right to make, use or sell the said invention for governmental purposes in all foreign countries.

Provided, however, that upon any subsequent notice of allowance of said application or of any substitutions, divisions, continuations, or continuations-in-part being given by the Commissioner of Patents, or upon the declaration by the Commissioner of Patents of an interference involving said application or any substitutions, divisions, continuations, or continuations-in-part, the entire right, title and interest in and to said invention and said application or any substitutions, divisions, continuations, or continuations-in-part, and such patents as may be issued thereon will thereupon revert to himself subject to an irrevocable, non-exclusive, and royalty-free right and license remaining vested in the United States of America as represented by the Secretary of War, to make, have made, to use, and to sell the subject matter of said invention for governmental purposes, to the full end of the term or terms for which any Letters Patent, divisions, reissues, extensions, continuations, or continuations-in-part are or may be granted.

/s/ Floyd W. Tomkins, Jr., 1st Lt., Sig C.
Witness

/s/ William F. Friedman

Before me, a notary public in and for the County of Arlington
State of Virginia appeared the above-named William F. Friedman personally known to me, who in my presence executed the foregoing assignment and acknowledged that his execution thereof was his free act and deed.

Signed at Arlington, Virginia this 23rd day of August 1944.

/s/ Marie Susan Palmer Notary Public 8/28/46
(SEAL)

Approved for Release by NSA on 07-29-2014 pursuant to F. O. 13524