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Name (line 1)

LANZA, JOHN F.

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Second Party

Name (line 1)

HOYT, REED W.

Name (line 2)

Execution Date

Month Day Year

04272000

Execution Date

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05092000

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Name (line 1)

Government of the United States of America,

Name (line 2)

as represented by the Secretary of the Army, The

Address (line 1)

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MD

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Address (line 4)

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301-619-7808

Name Ms. Elizabeth Arwine

Address (line 1) U.S. Army Medical Research and Materiel Command

Address (line 2) Staff Judge Advocate Office

Address (line 3) 504 Scott Street

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08623600

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ELIZABETH ARWINE, Reg. No. 45,867

Name of Person Signing

Elizabeth Arwine

Signature

May 16, 2000

Date

NONEXCLUSIVE LICENSE OF INVENTION

Title of Invention: Apparatus And Method For Measuring The Relative Velocity And True Distance Between Two Objects

Inventor(s) Name: Reed W. Hoyt and John F. Lanza

U.S. Application or Patent Serial No: 08/623,600

Filing or Issue Date: March 28, 1996

Date Oath Executed: March 26, 1996

WHEREAS, the nature of the services or contributions of the Government of the United States are such as to justly and lawfully entitle the Government to the hereinafter recited rights and licenses; and

WHEREAS, the Government of the United States has agreed to prepare a patent application covering the above invention and to file same and prosecute it before the Patent Office at no expense to the inventor(s), including the first maintenance payment for any issued patent;

NOW THEREFORE, in consideration of the premises, the undersigned:

I. Does hereby grant to the Government of the United States of America, as represented by the Secretary of the Army, his successors in office, or designees, a nonexclusive, irrevocable, royalty-free license throughout the world in the above invention and under any patent domestic or foreign which is or may be granted thereon, for the full term thereof and any continuation, continuation-in-part or division of said application and any reissue or extension of any patent granted thereon, to make, or have made, to use or have used the invention on behalf of the Government, and to sell or otherwise dispose of in accordance with law any and all articles, machines, or compositions of matter embodying said invention, with power to grant licenses for all government purposes including but not limited to power to issue sublicenses in furtherance of the foreign policies of the Government;

II. Does hereby grant to the United States of America, as represented by the Secretary of the Army, his successors in office, or designees, the irrevocable and exclusive power to prosecute the application for United States patent on said invention, including any continuations, and divisions thereof or substitutions therefore; as well as any applications for reissue of any patents issued thereon, with the power to conduct and make adjustments and settlements of any interferences in which any of said applications or patents resulting therefrom may become

Nonexclusive License of Invention Page 1 of 3

involved, said power including the right to grant reciprocal royalty-free, nonexclusive licenses in behalf of the inventor(s) and the Government necessary to accomplish said adjustments and settlements;

III Does hereby agree to perform upon request all acts required to obtain the grant of Letters Patent on any application under II above, and to render effective all other rights herein granted to the government; and to provide any further personally known information and available documents and to execute any further documents necessary to the prosecution of said patent applications or to the prosecution and settlement of interferences;

IV. Does further agree, notwithstanding the provisions of I above, to assign to the Government upon its request all right, title and interest in said invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed.

Signed this 27th day of April, 2000

For: JOHN F. LANZA (Inventor's Name)

By: [Signature] (Signature)

Title: _____

Business Address: 20 THIRD ST
NATICK MA 01260

State of Massachusetts)

County of Middlesex)

On the above date, John F. Lanza known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

[Signature]
(Signature of notary public)

(SEAL)

My Commission expires on 3/3/00

Signed this 9TH day of May, 2000

For: REED W. HOYT (Inventor's Name)

By: Reed W. Hoyt (Signature)

Title: RESEARCH Physiologist

Business Address: MCMR-UE-TMD
USARLEM
NATICK, MA 01760

State of Massachusetts

County of Middlesex

On the above date, Reed W. Hoyt known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same of his own free act and deed.

Mark E. Birney
(Signature of notary public)

(SEAL)

My Commission expires on 7/28/2000