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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(les): Javier A. Valenzuela W. Dodd Stacy Creare Incorporated Additional name(s) of conveying party(les) attached? Yes Tank	Name and address of receiving party(ies) Name: UNITED STATES AIR FORCE Internal Address: ESC/JAZ
Nature of conveyance:	
XX Assignment Merger	Street Address: 40 Wright Street
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Hanscom AFB State: MA ZIP: 01731-
Execution Date: 23 April 1999, 20 April 1999,	Additional name(s) & address(es) attached? ☐ Yes 🕹 No
Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is:
A. Patent Application No.(s) 09/307,476	B. Patent No.(s)
Additional numbers a	ttached? □ Yes 🖔 No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
Name: JULIAN L. SIEGEL	7. Total fee (37 CFR 3.41)\$_40
Internal Address:	□ Enclosed
ESC/JAZ	Authorized to be charged to deposit account
Street Address: 40 Wright Street	Deposit account number;
	AF 01-0465
City: Hanscom AFB State: MA ZIP: 01731-2903	(Attach duplicate copy of this page if paying by deposit account)
/22/1999 MTHAI1 00000309 010465 09307476 DO NOT US	SE THIS SPACE
JULIAN L. SIEGEL Name of Person Signing	nation is true and correct and any attached copy is a true copy of J. Jul. 1999 Signature Date
Total number of pages including cover sheet, attachments, and document:	

PATENT REEL: 010107 FRAME: 0647

ASSIGNMENT (JOINT-CONTRACT)

WHEREAS the Government of the United States of America entered into a contract numbered F29601-91-C-0076 with Creare Incorporated as Contractor, which contract provides that as to all discoveries, inventions, or improvements made or first reduced to practice in the performance thereof and not covered or to be covered by applications for Letters Patent filed by the Contractor, the Government of the United States shall be entitled to an assignment of the entire right, title, and interest therein, reserving to the Contractor, however, a nonexclusive, revocable, royalty-free license therein;

WHEREAS Javier A. Valenzuela and W. Dodd Stacy were employed by the Contractor and during the course of their employment made an invention entitled MAGNETOHYDRODYNAMICALLY-DRIVEN COMPRESSOR which invention forms a part of the aforesaid contract; and

WHEREAS the Contractor has signified its intention not to file an application for Letters Patent on the aforesaid invention;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, Javier A. Valenzuela and W. Dodd Stacy, the inventors, and Creare Incorporated, the Contractor, by its duly authorized officer or agent, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the Secretary of the Air Force, the entire right, title, and interest throughout the United States of America, its territories and dependencies, and all foreign countries, in and to the said invention entitled MAGNETOHYDRODYNAMICALLY-DRIVEN COMPRESSOR described in the specification executed by Javier A. Valenzuela and W. Dodd Stacy on or about the 22nd day of APRIL 1998, on or about the 20th day of APRIL 1998, respectively; preparatory to obtaining Letters Patent of the United States therefore and all Letters Patent issuing thereon and any continuations, divisions, and reissues or extensions thereof, reserving to the Creare **Incorporated** a nonexclusive, revocable, royalty-free license to make, use and/or sell the subject matter of said invention described in the aforesaid specification and in any patent or patents which may issue thereon and any continuations, divisions and reissues or extensions thereof without the payment of royalties thereon, which license shall be assignable to the successor of that part of the Contractor's business to which it pertains; we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the 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 the assignee of the said entire right, title and interest in and to the same for the sole use, except as aforesaid, 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, except as aforesaid, as the same would have been held Javier A. Valenzuela and W.

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and all applications for Letters Patent, both domestic and foreign, and to furnish all data and documents and to execute any papers which may be necessary for the preparation or filing of such applications, except it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.	
a	INVENTOR Javier A. Valenzuela
STATE OF New Hampshire COUNTY OF Grafton	ss.
COUNTY OF Grafton	-
Before me, a Notary Public in and for the county of, and state of, where the state of	
(SEAL)	Sherrie J. Read, Notary Public Mry Commission Expires Section Dec. 29, 2009
ي .	INVENTOR W. Dodd Stacy
STATE OF New Hampshire ss. COUNTY OF Grafton	
Before me, a Notary Public in and for the county of Grafton and state of New Hangsure, on this 20th day of April , 1998, personally appeared W. Dodd Stacy 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.	
(SEAL)	Sherrie C Read Notary Public SHERRIE J. READ, Notary Public
	My Commission Expires September 29, 2003

Dodd Stacy, and Creare Incorporated had this assignment not been made; and we Javier A. Valenzuela and W. Dodd Stacy, the inventors, hereby agree to execute any

Contractor Creare Incorporated

By James A. Block
James A. Block
Title President
Business P.O. Box 71, Etna Road
Address Hanover, NH 03755

1, James J. Barry , certify that I am
the Secretary, Assistant Secretary, or equivalent, of the Corporation named as Contractor herein; that James A. Block who signed this assignment on behalf of the Contractor, was then of said Corporation; that said assignment was duly signed for and in behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.

Lawy L. Barry 27 April 97

Signed this 22nd day of April