03-20-2001 Sheet 1 of 2 ATTORNEY DOCKET: 019843.0203 U.S. DEPARTMENT OF COMMERCE FORM PTO 1595 101641438 Patent and Trademark Office RE 1-31-92 PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name and Address of Conveying Party(ies) INDIVIDUAL: 2. Name and Address of receiving Party(ies): Lockheed Martin Corporation J. Kirston Henderson Name: 1709 Ridgmar Blvd. Internal Address: Fort Worth, Tarrant County, Texas 76116 6801 Rockledge Drive Individual Citizenship: U.S.A. Street Address: Bethesda City: Additional name(s) of conveying party(ies) attached? X Yes ___ No Maryland Zip: 20817 State: Nature of conveyance: Assignment Merger Change of Name Security Agreement Additional name(s) & Other Address(es) attached? No Execution Date: 2/19/01 (Henderson); 2/09/01 (Bushman) Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 2/19/01 (Henderson), 2/09/01 (Bushman) Patent Application No.(s): B. Patent No.(s): No Yes Additional Numbers Total number of application and patents involved: One Name and address of party to whom correspondence concerning document should be mailed to: Total Fee (37C.F.R. 3.41): \$40.00 William R. Borchers Name: Enclosed BAKER BOTTS L.L.P. Internal Address: Authorized to be charged to deposit account 2001 Ross Avenue, Suite 600 Street Address: Dallas City: Deposit Account Number: 75201-2980 Zip Texas State: (Attach Duplicate Copy of this page if paying by deposit account) DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original 9. Statement and signature. document. 2) illiam R. Bouhers March 1, 2001 Signature William R. Borchers 4 Total number of pages including cover sheet OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information:

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DAL01:586811.1

Attorney's Docket: 019843.0203 Page 2 of 2

FORM PTO-1595 ATTACHMENT

1. Name of Conveying Parties - Continued - ALL INDIVIDUALS

Boyd B. Bushman 1924 Big Sky Drive Lewisville, Denton County, Texas 75067

Citizenship: U.S.A.

PATENT REEL: 011586 FRAME: 0581

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation organized and existing under the laws of the State of Maryland, with its principal office at 6801 Rockledge Drive, Bethesda, Maryland 20817, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said LOCKHEED MARTIN CORPORATION, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations and extensions thereof; and I hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said LOCKHEED MARTIN CORPORATION, as assignee of my entire right, title and interest.

I also hereby sell and assign to LOCKHEED MARTIN CORPORATION, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said LOCKHEED MARTIN CORPORATION, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said LOCKHEED MARTIN CORPORATION, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

Title of	SYSTEM AND METHOD FOR ELECTROMAGNETIC PROPULSION FAN	
Invention		
Signature of Inventor and Name	J. Kirston Henderson	
Date	15 February 2001	
Residence (City, State and County)	1709 Ridgmar Blvd. Fort Worth, Texas 76116 Tarrant County Citizenship: U.S.A.	
Date Application Executed	19 February 2001	

After recording return Assignment to:

Harold E. Meier Baker Botts L.L.P. 2001 Ross Avenue Dallas, Texas 75201

DAL01:583614.1

PATENT REEL: 011586 FRAME: 0582

Title of Invention	SYSTEM AND METHOD FOR ELECTROMAGNETIC PROPULSION FAN
Signature of Inventor and Name	Boyd B. Bushman
Date	Ect 9, 2001
Residence (City, State and County)	1924 Big Sky Drive Lewisville, Texas 75067 Denton County Citizenship: U.S.A.
Date Application Executed	Fel 9, 2001

After recording return Assignment to:

Harold E. Meier Baker Botts L.L.P. 2001 Ross Avenue Dallas, Texas 75201

DAL01:583614.1

PATENT REEL: 011586 FRAME: 0583