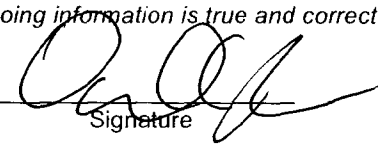


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OMB No. 0651-0027 (exp. 5/31/2002)		102809988	
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Mikhail S. Belen'kii Ernest Jefferson Holder Susan Ferebee Dugas  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Georgia Tech Research Corporation  Internal Address: _____  Street Address: _____ Georgia Institute of Technology  City: Atlanta State: GA Zip: 30332-0415  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: 07/03/2003; 06/26/2003; 06/25/2003			
4. 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: _____ A. Patent Application No.(s) 10/370,256 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: David C. Jenkins  Internal Address: _____ Eckert Seamans Cherin & Mellott, LLC  Street Address: _____ 600 Grant Street, 44th Floor  City: Pittsburgh State: PA Zip: 15219		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 02-2556 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. 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 document. David C. Jenkins Name of Person Signing Signature:  Date: August 6, 2004 Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>			

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

08/10/2004 LMUELLER 00000011 022556 10370256

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PATENT  
 REEL: 015651 FRAME: 0165

### *Assignment*

WHEREAS, we, **MIKHAIL S. BELEN'KII, ERNEST JEFFERSON HOLDER, SUSAN FEREBEE DUGAS** residing at: 11720 Scripps Creek Drive, San Diego, CA 92131; 2243 Chimney Swift Court, Marietta, GA 30062; and 1711 Indian Ridge Drive, Woodstock, GA 30189; respectively, have invented certain new and useful improvements in **METHOD OF COMPENSATING FOR ATMOSPHERIC EFFECTS WHILE USING NEAR HORIZON RADAR UTILIZING A DOPPLER SIGNAL** for which we filed Application Serial No. **10/370,256**, having a filing date of **February 20, 2003**;

AND WHEREAS **GEORGIA TECH RESEARCH CORPORATION** having an address of Georgia Institute of Technology, Atlanta, Georgia 30332-0415, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, re-examinations, renewals, substitute and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, re-examinations, renewals, substitutes, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representations thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuations-in-part, re-examinations, renewal, substitute or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interest herein assigned. This assignment shall be binding upon our heirs, executors,

administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED July 03, 2003

MIKHAIL S. BELEN'KII  
MIKHAIL S. BELEN'KII

State of California :  
County of San Diego : ss.  
:

Before me, a Notary Public in and for the said County and State, personally appeared MIKHAIL S. BELEN'KII, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 3rd day of July, 2003



Veronica Luna  
Notary Public

(NOTARIAL SEAL)

### *Assignment*

WHEREAS, we, **MIKHAIL S. BELEN'KII, ERNEST JEFFERSON HOLDER, SUSAN FEREBEE DUGAS** residing at: 11720 Scripps Creek Drive, San Diego, CA 92131; 2243 Chimney Swift Court, Marietta, GA 30062; and 1711 Indian Ridge Drive, Woodstock, GA 30189; respectively, have invented certain new and useful improvements in **METHOD OF COMPENSATING FOR ATMOSPHERIC EFFECTS WHILE USING NEAR HORIZON RADAR UTILIZING A DOPPLER SIGNAL** for which we filed Application Serial No. **10/370,256**, having a filing date of **February 20, 2003**;

AND WHEREAS **GEORGIA TECH RESEARCH CORPORATION** having an address of Georgia Institute of Technology, Atlanta, Georgia 30332-0415, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, re-examinations, renewals, substitute and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, re-examinations, renewals, substitutes, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representations thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuations-in-part, re-examinations, renewal, substitute or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interest herein assigned. This assignment shall be binding upon our heirs, executors,

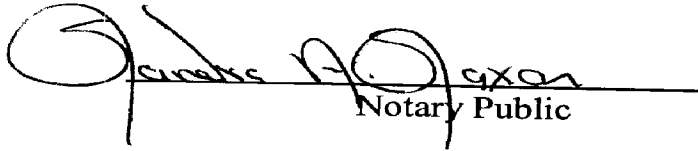
EXECUTED June 26, 2003

  
 ERNEST JEFFERSON HOLDER

 State of Georgia :  
 County of Cobb : ss.  
 :

Before me, a Notary Public in and for the said County and State, personally appeared ERNEST JEFFERSON HOLDER, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 26 day of June, 2003.


  
 Notary Public

(NOTARIAL SEAL)

 Notary Public, Cobb County, Georgia  
 My Commission Expires June 27, 2003

 Notary Public, Cobb County, Georgia  
 My Commission Expires June 27, 2003

EXECUTED June 25, 2003

Susan Ferebee Dugas  
SUSAN FEREBEE DUGAS

State of Georgia :  
County of Cobb : ss.  
:

Before me, a Notary Public in and for the said County and State, personally appeared SUSAN FEREBEE DUGAS, who acknowledged that She is the person who executed the foregoing assignment and acknowledged it to be her free and voluntary act and deed.

Witness my hand and notarial seal this 25<sup>th</sup> day of June, 2003.

[Signature]  
Notary Public

(NOTARIAL SEAL)

Notary Public, Cobb County, Georgia  
My Commission Expires June 27, 2003