

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>William F. Walker</td> <td>07/07/2009</td> </tr> <tr> <td>Francesco Viola</td> <td>07/07/2009</td> </tr> <tr> <td>William F. Mauldin, Jr.</td> <td>07/07/2009</td> </tr> </tbody> </table>		Name	Execution Date	William F. Walker	07/07/2009	Francesco Viola	07/07/2009	William F. Mauldin, Jr.	07/07/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Virginia</td> </tr> <tr> <td>Street Address:</td> <td>One Morton Drive, P.O. Box 400301</td> </tr> <tr> <td>City:</td> <td>Charlottesville</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22904-4301</td> </tr> </table>		Name:	University of Virginia	Street Address:	One Morton Drive, P.O. Box 400301	City:	Charlottesville	State/Country:	VIRGINIA	Postal Code:	22904-4301
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (408)736-3564</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-736-3554</p> <p>Email: maryjo@acannonlaw.com</p> <p>Correspondent Name: Maria J. Cannon</p> <p>Address Line 1: 942 Mesa Oak Court</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94086</p>											
ATTORNEY DOCKET NUMBER:	WALK-005										
NAME OF SUBMITTER:	Alan W. Cannon										
<p>Total Attachments: 4</p> <p>source=Assignment_Executed_Walker_PCfilt_01538_01_WALK_005#page1.tif</p> <p>source=Assignment_Executed_Walker_PCfilt_01538_01_WALK_005#page2.tif</p>											

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**PATENT**  
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## ASSIGNMENT

WHEREAS, we William F. Walker of Barboursville, Virginia; Francesco Viola of Charlottesville, Virginia; William F. Mauldin, Jr. of Charlottesville, Virginia, (hereinafter referred to as the assignors), have made an invention entitled.

**Titled: REDUCTION OF ECHO DECORRELATION FACILITATING MOTION ESTIMATION**

For Which U.S. Provisional Patent Application Serial No. 61/053,418 filed May 15, 2008; U.S. Patent Application Serial No. 12/467,216 filed 05/15/2009 and any subsequent patent applications claiming priority thereto; and

WHEREAS, the **University of Virginia**, One Morton Drive, P. O. Box 400301, Charlottesville, Virginia 22904-4301 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention and any trade secrets pertaining to the invention, and any improvements thereon, (the "Invention") and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights, except that Assignee hereby grants back to the Assignors a royalty free non-transferrable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

UVAPF Ref: Tech-ID (Docket No. WALKER-PCfill (01538-01))  
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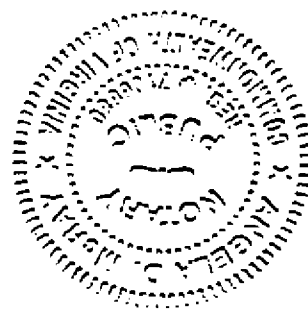
AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals.

Signature: [Signature] Execution Date: 7/7/09  
Inventor One: William F. Walker  
Address: 3822 Burnley Station Rd.  
City: Barboursville,  
State: Virginia  
Zip Code: 22923  
Citizenship Country: US



CITY OF CHARLOTTESVILLE )

COMMONWEALTH OF VIRGINIA )

SS:

On this 7<sup>th</sup> day of July, 2009, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Inventor, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

[Signature] [signature, please print name below]  
Angela D McRay, Notary Public, my commission expires on 11-30-11

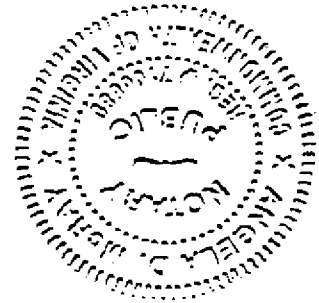
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REEL: 022927 FRAME: 0133

UVAPP Ref: Tech-ID (Docket No. WALKER-PCFilt (01538-01)

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Signature: Francesco Viola Execution Date: 7/7/09  
Inventor Two: Francesco Viola  
Address: 950 Valley Rd.  
City: Charlottesville  
State: Virginia  
Zip Code: 22903  
Citizenship Country: US



CITY OF CHARLOTTESVILLE )

COMMONWEALTH OF VIRGINIA )

) SS:

On this 7<sup>th</sup> day of July, 2009, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Inventor, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Angela D McKay [signature, please print name below]  
Angela D McKay, Notary Public, my commission expires on 11-30-11

Signature: William F. Mauldin, Jr. Execution Date: 7/7/09  
Inventor Three: William F. Mauldin, Jr.  
Address: 760 Walker Square, #2C

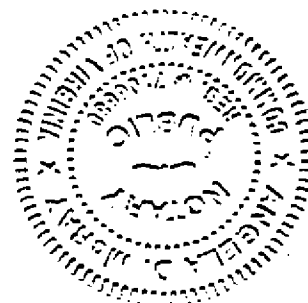
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REEL: 022927 FRAME: 0134

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City: Charlottesville  
State: Virginia  
Zip Code: 22903  
Citizenship Country: US



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On this 7<sup>th</sup> day of July, 2009, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Inventor, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Angela D. McRay [signature, please print name below]  
Angela D. McRay, Notary Public, my commission expires on 11-30-11

PATENT