

A/D581-40

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09/242362

Recordation Form Cover Sheet
PATENTS ONLY

300 Rec'd PCT/PTG 11 FEB 1999

11-19-1999

Assistant Commissioner for Patents
Washington, D.C. 20231



101204293

Dear Sir:

Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

¹ BRICKELL, John W. and ² NASH, Wayne H.

2. Name and Address of Receiving Party

Scientific-Atlanta, Inc.,
One Technology Parkway, South
Norcross, GA 30092-2967

State of Incorporation:

Georgia

3. Nature of Conveyance: Assignment Execution Date: **30 July 1997**

4. This document is being filed in connection with:

Appln No.: PCT/US97/09554
Docket No.: F-2389-PC
Title: APPARATUS FOR AUTOMATIC SENSING OF
LINE AMPLIFIER CONFIGURATION FOR STATUS
MONITORING

the execution date of the application is: **30 July 1997**

5. Please send correspondence to:

Scientific-Atlanta, Inc.,
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967

6. Total Number of application and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

8. Please charge to Deposit Account No.: 19-0761

9. To the best of my knowledge and belief, the foregoing information is a true and correct original document.

DO NOT USE THIS SPACE

SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967

By: Kenneth M. Massaroni

Kenneth M. Massaroni
Attorney of Record
Reg. No.: 33,015
Phone: (770) 903-4717
Fax No.: (770) 903-4837

Total Number of pages comprising cover sheet: 1 Dated: December 11, 1997

SCIENTIFIC-ATLANTA, INC.

F-2389-PC

JOINT ASSIGNMENT

WHEREAS, we, John W. Brickell, residing at 2125 Blackhawk Trail, Lawrenceville, GA 30243, and Wayne H. Nash, residing at 612 Reds Circle, Lilburn, GA 30247, both citizens of the United States of America, are the inventors of certain inventions or improvements for which we have filed International Application number PCT/US97/09554, entitled "APPARATUS FOR AUTOMATIC SENSING OF LINE AMPLIFIER CONFIGURATION FOR STATUS MONITORING", which was filed June 2, 1997; and

WHEREAS, Scientific-Atlanta, Inc., of One Technology Parkway, South, Norcross, Georgia 30092-2967, a corporation of Georgia, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, we have assigned, and do hereby assign, to Scientific-Atlanta, Inc., its successors, assigns and legal representatives ("Nominees") the entire right, title and interest in and to said inventions or improvements throughout the world and to said application and any and all Letters Patent, petty patents and utility model patents which may be granted therefor, and all continuations, divisions, reissues, extensions and renewals thereof ("Letters Patent");

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute all such papers as may be necessary to perfect the title to said inventions or improvements, application and Letters Patent in Scientific-Atlanta, Inc., or its Nominees, and we agree to communicate to said Scientific-Atlanta, Inc., or its Nominees, all known facts respecting said inventions or improvements, application and Letters Patent, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid Scientific-Atlanta, Inc., or its Nominees, to obtain and enforce for their own benefit patent protection for said inventions or

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improvements in any and all countries, all at the expense, however, of Scientific-Atlanta, Inc., or its Nominees;

And we authorize Scientific-Atlanta, Inc., or its Nominees, to file in our names or their own, as appropriate, application for Letters Patent in all countries of the world, and we authorize and request the Commissioner of Patent and Trademarks of the United States, and any proper official of any country, to issue to said Scientific-Atlanta, Inc., or its Nominees, any and all Letters Patent for said inventions or improvements, for their sole use, to the full end of the term for which such Letters Patent may be granted.

IN WITNESS WHEREOF, we have hereunto set our hands and seals
this 30 day of July 1997.

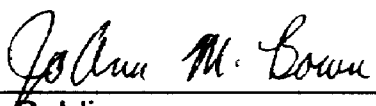
By: 
John W. Brickell

STATE OF GEORGIA)
) SS:
COUNTY OF GWINNETT)


Before me this 30TH day of JULY, 1997, personally appeared the above,
John W. Brickell, to me known to be the person who is described in and who
executed the foregoing assignment instrument and acknowledged to me that he
executed the same of his own free will for the purpose therein expressed.

WITNESS my hand and official seal.

(SEAL)


Notary Public
Notary Public, Gwinnett County, Georgia.
My Commission Expires December 28, 1998.

IN WITNESS WHEREOF, we have hereunto set our hands and seals
this 30 day of July 1997.

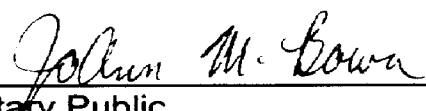
By: 
Wayne H. Nash

STATE OF GEORGIA)
) SS:
COUNTY OF GWINNETT)

Before me this 30TH day of JULY, 1997, personally appeared the above,
Wayne H. Nash, to me known to be the person who is described in and
who executed the foregoing assignment instrument and acknowledged to me that he
executed the same of his own free will for the purpose therein expressed.

WITNESS my hand and official seal.

(SEAL)


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Notary Public, Gwinnett County, Georgia.
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F-2389-PC

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WHEREAS, Scientific-Atlanta, Inc., of One Technology Parkway, South, Norcross, Georgia 30092-2967, a corporation of Georgia, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, we have assigned, and do hereby assign, to Scientific-Atlanta, Inc., its successors, assigns and legal representatives ("Nominees") the entire right, title and interest in and to said inventions or improvements throughout the world and to said application and any and all Letters Patent, petty patents and utility model patents which may be granted therefor, and all continuations, divisions, reissues, extensions and renewals thereof ("Letters Patent");

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute all such papers as may be necessary to perfect the title to said inventions or improvements, application and Letters Patent in Scientific-Atlanta, Inc., or its Nominees, and we agree to communicate to said Scientific-Atlanta, Inc., or its Nominees, all known facts respecting said inventions or improvements, application and Letters Patent, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid Scientific-Atlanta, Inc., or its Nominees, to obtain and enforce for their own benefit patent protection for said inventions or

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PATENT

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improvements in any and all countries, all at the expense, however, of Scientific-Atlanta, Inc., or its Nominees;

And we authorize Scientific-Atlanta, Inc., or its Nominees, to file in our names or their own, as appropriate, application for Letters Patent in all countries of the world, and we authorize and request the Commissioner of Patent and Trademarks of the United States, and any proper official of any country, to issue to said Scientific-Atlanta, Inc., or its Nominees, any and all Letters Patent for said inventions or improvements, for their sole use, to the full end of the term for which such Letters Patent may be granted.

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By: 
John W. Brickell

STATE OF GEORGIA)
) SS:
COUNTY OF GWINNETT)


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John W. Brickell, to me known to be the person who is described in and who
executed the foregoing assignment instrument and acknowledged to me that he
executed the same of his own free will for the purpose therein expressed.

WITNESS my hand and official seal.

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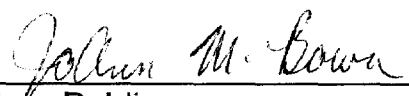
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