

05-05-2006



FEET

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Docket No.: A-10885 (191930-1510)

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or the new address(es) below.

5/1/06

1. Name of conveying part(ies):

- 1) Samuel H. Russ
- 2) Mark Randall Murray

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Scientific-Atlanta, Inc.

Internal Address:

Street Address: 5030 Sugarloaf Parkway

City: Lawrenceville

State: GA

Country: USA Zip: 30044

Additional name(s) & address(es) attached?  Yes  No

112987 U.S.PTO  
11/414822



3. Nature of conveyance/Execution Date(s):

Execution Date(s): 1) 04/28/06; 2) 04/28/06

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other:

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Jeffrey R. Kuester, Reg. No. 34,347  
 Thomas, Kayden, Horstemeyer & Risley, L.L.P.  
 100 Galleria Parkway, Suite 1750  
 Atlanta, Georgia 30339-5948

Phone Number: 770-933-9500  
 Fax Number: 770-951-0933  
 E-Mail Address: jeff.kuester@tkhr.com

6. Total number of applications/patents involved: [1]

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Number: 1006  
 Expiration Date: 08/07

b. Deposit Account Number:  
 Authorized User Name:

9. Signature:

5/1/06

Date

Jeffrey R. Kuester

Name of the Person Signing

Total number of pages including cover sheet, attachments, and document:

5

Mail documents to be recorded (including Cover Sheet) should be faxed to (703) 306-5995, or mailed to :  
Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450

05/03/2006 SDIRLTA1 00000070 11414822

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(40.00 OF)

**ASSIGNMENT AND AGREEMENT**

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Samuel H. Russ, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **Scientific-Atlanta, Inc.**, a corporation of the State of Georgia, having its principal office in Lawrenceville, State of Georgia, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **FIELD QUALIFICATION OF DISK DRIVES IN CONSUMER ELECTRONICS DEVICES** (Case No. **A-10885**) described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto the said **Scientific-Atlanta, Inc.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize the said **Scientific-Atlanta, Inc.**, to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **Scientific-Atlanta, Inc.**, for the sole use and behalf of said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **Scientific-Atlanta, Inc.**

I agree that, when requested, I will, without charge to said **Scientific-Atlanta, Inc.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives or nominees.

Docket No.: A-10885

1

LOCATION:770 236 2449

RX TIME 04/28 '06 15:50

**PATENT  
REEL: 017825 FRAME: 0516**

*Samuel H. Russ*

SAMUEL H. RUSS

4/28/06

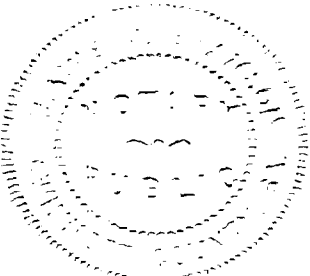
DATE

STATE OF GEORGIA

COUNTY OF GWINNETT

I, ELAINE M. BRAMSON a Notary Public in and for the Country and City aforesaid, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28 day of APRIL, 2006.



*Elaine M. Bramson*

Notary Public Signature

**ELAINE M. BRAMSON**  
**Notary Public, State of Georgia**  
**Qualified in Gwinnett County**  
**Commission Expires August 18, 2006**

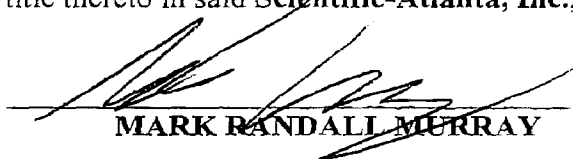
**ASSIGNMENT AND AGREEMENT**

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Mark Randall Murray, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **Scientific-Atlanta, Inc.**, a corporation of the State of Georgia, having its principal office in Lawrenceville, State of Georgia, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **FIELD QUALIFICATION OF DISK DRIVES IN CONSUMER ELECTRONICS DEVICES** (Case No. **A-10885**) described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto the said **Scientific-Atlanta, Inc.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize the said **Scientific-Atlanta, Inc.**, to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **Scientific-Atlanta, Inc.**, for the sole use and behalf of said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **Scientific-Atlanta, Inc.**

I agree that, when requested, I will, without charge to said **Scientific-Atlanta, Inc.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives or nominees.

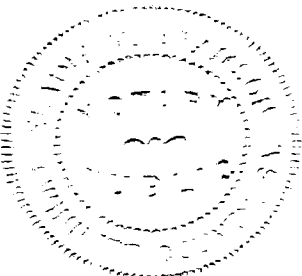
  
MARK RANDALL MURRAY

4/28/2006  
DATE

STATE OF GEORGIA  
COUNTY OF GWINNETT

I, ELAINE M. BRAMSON Notary Public in and for the Country and City aforesaid, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28 day of APRIL, 2006.



Elaine M. Bramson  
Notary Public Signature

**ELAINE M. BRAMSON**  
**Notary Public, State of Georgia**  
**Qualified in Gwinnett County**  
**Commission Expires August 18, 2006**