

AUG 03 2005

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08-08-2005

ATTORNEY DOCKET No.: 61639.000006

JET



103057048

To the Director of the United States Patent
thereof.

Attached original document(s) or copy(ies)

1. Name of Conveying Party(ies):

- (1) William G. CRUTCHFIELD, Jr. (4) James P. CARNEAL
 (2) Marty JOHNSON
 (3) Richard Innes WRIGHT

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: **Crutchfield Corporation**
 Address: **1 Crutchfield Park**
Charlottesville, VA 22911

Name:
 Address:

Country: United States

Country:

Additional name(s) and address(es) attached?

☐ Yes☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Verified Translation ☐ Security Agreement ☐ Other: _____

Execution Date: **June 23, 2005, June 29, 2005, June 29, 2005, June 29, 2005**

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

If this document is being filed together with a new application, the execution date(s) of the application is:

A. Patent Application No(s):
11/123,239

B. Patent No(s):

Others on additional sheet(s) attached?

☐ Yes☒ No

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

Thomas J. Scott, Jr., Esq.
 Intellectual Property Department
 Hunton & Williams
 1900 K Street, N.W.
 Suite 1200
 Washington, DC 20006-1109
 (202) 955-1500 (telephone)
 (202) 778-2201 (facsimile)

6. Total number of applications and patents involved:

Application(s): 1
 + Patent(s): _____
 = Total: 1

7. Total Fee (37 C.F.R. § 3.41) \$ **40.00**

- ☒ Enclosed
☐ Authorized to be charged to Deposit Account

8. Deposit Account No.: **50-0206**

(Duplicate copy of this sheet attached)
☒ Charge any underpayment or credit any overpayment to above 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.

Jeffrey Scott Leaning, Reg. No. 51184

Name of Person Signing

Signature

August 3, 2005

Date

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

6

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PATENT
REEL: 016832 FRAME: 0859

ASSIGNMENT

WHEREAS, we, **William G. CRUTCHFIELD, Jr.**, residing at 1 Crutchfield Park, Charlottesville, VA 22911; **Marty JOHNSON**, residing at 1100 Golf View Drive, Blacksburg, VA 24060; **Richard Innes WRIGHT**, residing at 939 McBryde Lane, Blacksburg, VA 24060; and **James P. CARNEAL**, residing at 445 Mill Pointe Road, Blacksburg, VA 24060, have invented certain new and useful improvements in and to the subject matter of:

SYSTEM AND METHOD OF IMAGE DISPLAY SIMULATION

described in U.S. Patent Application No. 11/123,239 filed on May 5, 2005 with the above title under attorney docket number 61639.000006;

AND, WHEREAS, Crutchfield Corporation, a corporation organized under the laws of the State of Virginia, having a place of business located at 1 Crutchfield Park, Charlottesville, VA 22911 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND we hereby authorize and request our agents, Hunton & Williams LLP, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

AND we hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to

make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

6/23/05
Date


William G. CRUTCHFIELD, Jr.

County of _____)
) ss:
 State of _____)

On this 23 day of JUNE, 2005, before me a Notary Public in and for the County and State aforesaid, personally appeared **William G. CRUTCHFIELD, Jr.**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Minda M. Kancan
Notary Public

(SEAL)

My Commission Expires 9/30/05

HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
1900 K STREET, N.W.
SUITE 1200
WASHINGTON, DC 20006-1109
(202) 955-1500 (TELEPHONE)
(202) 778-2201 (FACSIMILE)

6/29/05
 Date Marty JOHNSON *m E P*
 County of Montgomery)
 State of Virginia) ss:
 On this 29th day of June, 2005, before me a Notary Public in and for the County and State aforesaid, personally appeared **Marty JOHNSON**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.
Michael E Keeney
 Notary Public
 (SEAL)
 My Commission Expires 11-30-07

HUNTON & WILLIAMS LLP
 INTELLECTUAL PROPERTY DEPARTMENT
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 SUITE 1200
 WASHINGTON, DC 20006-1109
 (202) 955-1500 (TELEPHONE)
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6/29/05

Date



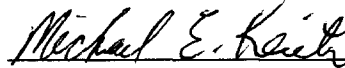
Richard Innes WRIGHT

County of Montgomery

State of Virginia

)
) ss:
)

On this 29th day of June, 2004⁵, before me a Notary Public in and for the County and State aforesaid, personally appeared **Richard Innes WRIGHT**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



Notary Public

(SEAL)

My Commission Expires 11/30/07

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(202) 778-2201 (FACSIMILE)

6/29/05

James P. Carneal

Date

James P. CARNEAL

County of Montgomery

State of Virginia

)

)

ss:

)

On this 29th day of June, 2005, before me a Notary Public in and for the County and State aforesaid, personally appeared **James P. CARNEAL**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Michael E. Keister

Notary Public

(SEAL)

My Commission Expires 11-30-07

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