PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/23/2005

CONVEYING PARTY DATA

Name	Execution Date
Encamera Sciences Corporation	08/23/2005

RECEIVING PARTY DATA

Name:	Dotcast, Inc.	
Street Address:	t Address: 474 Liberty Street	
City:	San Francisco	
State/Country:	CALIFORNIA	
Postal Code:	94114	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10319671

CORRESPONDENCE DATA

Fax Number: (404)815-6555

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4048156500

Email: cspain@kilpatrickstockton.com

Correspondent Name: John S. Pratt - Kilpatrick Stockton LLP

Address Line 1: 1100 Peachtree Street

Address Line 2: Suite 2800

Address Line 4: Atlanta, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	S0465-285290
NAME OF SUBMITTER:	James L. Ewing, IV

Total Attachments: 7

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PATENT REEL: 018652 FRAME: 0329

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State of Delaware Secretary of State Division of Corporations Delivered 08:05 PM 08/24/2005 FILED 08:05 PM 08/24/2005 SRV 050699071 - 2672614 FILE

CERTIFICATE OF OWNERSHIP MERGING ENCAMERA SCIENCES CORPORATION

INTO

DOTCAST, INC.

(Pursuant to Section 253 of the General Corporation Law of Delaware)

Dotcast, Inc., a corporation incorporated on the 18th day of May, 1999 pursuant to the provisions of the General Corporation Law of the State of California;

DOES HEREBY CERTIFY that this corporation owns minety-five percent (95%) of the outstanding shares of the capital stock of Encarnera Sciences Corporation, a corporation incorporated on the 15th day of October, 1996, pursuant to the provisions of the General Corporation Law of the State of Delaware, and that this corporation, by a resolution of its Board of Directors duly adopted at a meeting held on the 23th day of August, 2005, determined to and did merge into itself-said Encamera Sciences Corporation, which resolution is in the following words to wit:

WHEREAS this corporation lawfully owns ninety-five percent (95%) of the outstanding shares of the capital stock of Encarnera Sciences Corporation, a corporation incorporated pursuant to the provisions of the General Corporation Law of the State of Delaware, and

WHEREAS this corporation desires to merge itself and the said Encamera Sciences Corporation, and to be possessed of all the estate, property rights, privileges and franchises of said corporation,

NOW, THEREFORE, BE IT RESOLVED, that this corporation merge into itself said Encamera Sciences Corporation and assume all of its liabilities and obligations, and

FURTHER RESOLVED, that any officer or officers of this corporation is/are hereby authorized and directed, for and in the name of this corporation, to: procure any government authorizations, licenses or permits; negotiate, execute, deliver and file any documents; and take any actions that such officer(s) may deem to be necessary or desirable to accomplish the purposes of the foregoing resolutions. The procurement of any such authorization(s), license(s), or permit(s), the negotiation, execution, delivery or filing of any document(s) or the taking of any action(s) by such officer(s) shall constitute conclusive evidence that the officer(s) deemed such document(s) or action(s) to be necessary or desirable to accomplish the purpose of these resolutions.

IN WITNESS WHEREOF, said parent corporation has caused this certificate to be signed by an authorized officer, this 23rd day of August, 2005.

DOTCAST, INC.

hs: President

Douglas Evans

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ASSIGNMENT

WHEREAS, we, Ted E. Hartson, Robert V.C. Dickinson, and Walter S. Ciciora, have invented certain improvements in EXPANDED INFORMATION CAPACITY FOR EXISTING COMMUNICATION TRANSMISSION SYSTEMS for which we have disclosed the same in an application for Letters Patent of the United States, said application having been executed by us as of the dates set forth below; and

WHEREAS, EnCamera Sciences Corporation, a Delaware corporation having an office at 7830 E. Gelding Drive, Ste. 100, Scottsdale, AZ 85260, desire to purchase same;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid by EnCamera Sciences Corporation, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto EnCamera Sciences Corporation, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said application, in and to the invention therein set forth and in and to any patent which may issue on said application or any reissue, renewal, division, or continuation thereof; and we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry

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into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

IN WITNESS WHEREOF, we have hereunto set our hands as of the dates set forth below.

3-77-98 Date

Ted. E. Hartson

3/25/98 Date

Labert N. C. Dicke

Notarial Seal
gother J. McNulty, Notary Public
Dick negothering Twp.. Monroe County
Dick negothering Expires June 5, 2000

3/21/98 Date

Walter S. Ciciora

FFId eventy March 2, 1998

Ceine M /m, 46, Wetory

NOTARY PUBLIC MY COMMISSION EXPIRES AUGUST 31, 1999

Ted Hortson 100 mg this 27 dey of Ted Hortson 1000 to 1000 to

OFFICIAL SEAL
MYLA L. BUSHMAN
Notary Public - State of Arizona
MARICOPA COUNTY
My Comm. Expires April 30, 2000

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JUNE 18, 1998

PTAS

KILPATRICK STOCKTON LLP JOHN S. PRATT 1100 PEACHTREE STREET, SUITE 2800 ATLANTA, GEORGIA 30309-4530



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/17/1998

REEL/FRAME: 9115/0566

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HARTSON, TED E.

DOC DATE: 03/27/1998

ASSIGNOR:

DICKINSON, ROBERT V.C.

DOC DATE: 03/25/1998

ASSIGNOR:

CICIORA, WALTER S.

DOC DATE: 03/21/1998

ASSIGNEE:

ENCAMERA SCIENCE CORPORATION 7830 E. GELDING DRIVE, SUITE 100 SCOTTSDALE, ARIZONA 85260

SERIAL NUMBER: (09062225

PATENT NUMBER:

Pat 6433 835

FILING DATE: 04/17/1998

ISSUE DATE:

Entered Computer

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STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM **PTO-1595** (Rev. 6-93)

RE

04-27-1998



SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)	
• • •	694949 Atty Docket No. S0465/093 72 9
To the Assistant Commissioner of Patents and Trademark	ks: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Ted E. Hartson, Robert V.C. Dickinson, and Walter S. Ciciora Additional names(s) of conveying party(ies) attached ☐ Yes ☑ No	Name and address of receiving party(ies) Name: Encamera Sciences Corporation
3. Nature of conveyance:	Internal Address 7830 E. Gelding Drive, Suite 100
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name	Street Address: 7830 E. Gelding Drive, Suite 100
☐ Other: Execution Date: March 27, 1998	City Scottsdale State: AZ Zip: 85260 Additional names(s) & address(es) attached? □Yes ☒ No
 4. Application numbers(s) or patent numbers(s): If this document is being filed together with a new applic A. Patent Application No.(s) 	cation, the execution date of the application is: April 17, 1998 B. Patent No.(s)
Additional number	ers attached?
Name and address of party to whom correspondence concerning document should be mailed: Name: <u>John S. Pratt</u> Internal Address: <u>Kilpatrick Stockton LLP</u>	7. Total fee (37 CFR 3.41)\$ 40.00 ⊠Enclosed The Commissioner is authorized to charge any
Street Address:1100 Peachtree Street	deficiency in the required fee or credit any over payment to Deposit Account No. 11-0855. Authorized to be charged to deposit account
City: Atlanta State <u>: GA</u> Zip <u>30309-4530</u>	8. Deposit account number: 11-0855
9. Statement and signature.	and correct and any attached copy is a true copy of the original document.
Marcus Delgado M	Held 4-17-98
Name of Person Signing	Signature Date
Total number of pages including cover sheet, attachm	ments, and document: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments



United States Patent and Trademark Office

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Patent Assignment Details

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Total properties: 1

RECORDED: 12/19/2006

Title: EXPANDED INFORMATION CAPACITY FOR EXISTING COMMUNICATION TRANSMISSION

SYSTEMS

Assignors

1 HARTSON, TED E. **Exec Dt:** 03/27/1998

2 DICKINSON, ROBERT V.C. Exec Dt: 03/25/1998

3 CICIORA, WALTER S. **Exec Dt:** 03/21/1998

Assignee

1 ENCAMERA SCIENCE CORPORATION 7830 E. GELDING DRIVE, SUITE 100 SCOTTSDALE, ARIZONA 85260

Correspondence name and address

KILPATRICK STOCKTON LLP JOHN S. PRATT 1100 PEACHTREE STREET, SUITE 2800 ATLANTA, GEORGIA 30309-4530

Search Results as of: 06/12/2005 02:20 PM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723

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PATENT

REEL: 018652 FRAME: 0337