



06-20-2002

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Form PTO-15
(Rev. 03/01)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Philip C. LAUSIER

6-12-02

2. Name and address of receiving party(ies)

Name: PanAmSat Corporation

Internal Address: _____

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Street Address: 20 Westport Road

City: Wilton State: CT Zip: 06897

Execution Date: November 30, 2001

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

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

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

A. Patent Application No.(s)

60/275,813
09/960,602

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Frederick Yu

Internal Address: BROWN RAYSMAN MILLSTEIN

FELDER & STEINER LLP

Street Address: 900 Third Avenue

City: New York State: NY Zip: 10022

6. Total number of applications and patents involved: ☒ 2

7. Total fee (37 CFR 3.41).....\$ 80.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

02-4270

(Attach duplicate copy of this page if paying by deposit account)

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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.

FREDERICK YU

Name of Person Signing

Signature

Date

5/28/02

Total number of pages including cover sheet, attachments, and documents: ☒ 4Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

06/19/2002 TDIAZ1 00000022 60275813

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PATENT
REEL: 012994 FRAME: 0104

ASSIGNMENT

WHEREAS, I, Philip C. LAUSIER, residing at Canton, Georgia, a citizen of the United States of America, hereinafter together with my heirs, executors, administrators and legal representatives referred to herein as "Assignor", have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in applications for patent of the United States titled ARCHITECTURE FOR DELIVERING VIDEO AND OTHER DATA AT HIGH BANDWIDTHS, Serial No. 09/960,650, filed on September 21, 2001; NETWORK OPERATION CENTER ARCHITECTURE IN A HIGH BANDWIDTH SATELLITE BASED DATA DELIVERY SYSTEM FOR INTERNET USERS, Serial No. 09/960,645, filed on September 21, 2001; EDGE NODE ARRANGEMENT IN A SATELLITE BASED CONTENT DELIVERY SYSTEM FOR INTERNET USERS, Serial No. 09/960,843, filed on September 21, 2001; LARGE EDGE NODE FOR SIMULTANEOUS VIDEO ON DEMAND AND LIVE STREAMING OF SATELLITE DELIVERED CONTENT, Serial No. 09/960,605, filed on September 21, 2001; MOBILE NETWORK OPERATION CENTER FOR SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 09/960,263, filed on September 21, 2001; SELF-CONTAINED DEMONSTRATION NODE IN A SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 09/960,602, filed September 21, 2001; SCALABLE IP ADDRESSING SCHEME FOR MULTIPLE NOC's AND EDGE NODES, Serial No. 09/960,249, filed on September 21, 2001; MOBILE NODE FOR SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 09/960,637, filed on September 21, 2001; SCALABLE EDGE NODE, Serial No. 09/960,246, filed on September 21, 2001; GLOBAL OR MULTI-REGION CONTENT DELIVERY SYSTEM, Serial No. 09/960,622, filed on September 21, 2001; END TO END SIMULATION OF A CONTENT DELIVERY SYSTEM, Serial No. 09/960,603, filed on September 21, 2001; MICRONODE IN A SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 09/960,649, filed on September 21, 2001; ARCHITECTURE FOR DELIVERING VIDEO AND OTHER CONTENT AT HIGH BANDWIDTHS USING NOC's, SATELLITES AND EDGE NODES TO INTERNET USERS, Serial No. 60/275,781, filed March 13, 2001; NOC ARCHITECTURE IN A HIGH BANDWIDTH SATELLITE BASED VIDEO DELIVERY SYSTEM FOR INTERNET USERS, Serial No. 60/275,827, filed on March 13, 2001; EDGE NODE ARRANGEMENT IN A SATELLITE BASED CONTENT DELIVERY SYSTEM FOR INTERNET USERS, Serial No. 60/275,783, filed on March 13, 2001; LARGE EDGE NODE FOR SIMULTANEOUS VIDEO ON DEAND AND LIVE STREAMING OF SATELLITE DELIVERED CONTENT, Serial No. 60/275,817, filed on March 13, 2001; MOBILE NOC FOR SATELLITE BASED CONTENT DELIVERY SYSTE, Serial No. 60/275,825, filed March 13, 2001; DEMONSTRATION NODE IN A SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 60/275,813, filed on March 13, 2001; SCALABLE IP ADDRESSING SCHEME FOR MULTIPLE NOC's AND EDGE NODES, Serial No. 60/275,804, filed on March 13, 2001; MOBILE NODE FOR

SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 60/275,782, filed on March 13, 2001; SCALABLE EDGE NODE WITH ACCESS TO SHARED DRIVE IN A SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 60/275,826, filed on March 13, 2001; GLOBAL OR MULTIREGION CONTENT DELIVERY SYSTEM AND METHOD USING NOC'S AND ADAPTED EDGE NODES, Serial No. 60/275,815 filed on March 13, 2001; END TO END SIMULATION OF A CONTENT DELIVERY SYSTEM HAVING A NOC, SATELLITE, AND EDGE NODE ARCHITECTURE, Serial No. 60/275,816, filed on March 13, 2001; and MICRONODE IN A SATELLITE BASED CONTENT DELIVERY SYSTEM, Serial No. 60/275,795, file on March 13, 2001 (hereinafter referred to as "said applications"); and

WHEREAS, PanAmSat Corporation (hereinafter together with its successors and assigns referred to as "Assignee"), a Delaware corporation, having a place of business at 20 Westport Road, Wilton, CT 06897, is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which Assignor hereby acknowledges, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to Assignee all right, title and interest in, to and under said invention(s) and said application, including (a) the right to apply for patents in the United States of America and in all foreign countries for said invention(s), (b) all applications for patents for said invention(s) or based on said application in all countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, (c) all patents which may issue thereon in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of patents granted for said invention(s) or upon such applications, to the full term or terms for which the patents may be issued, and (d) every priority right that is or may be predicated upon or arise from said invention(s), said application and such patents. Assignor hereby authorizes Assignee to file patent applications in all countries for any or all of said invention(s) in Assignor's name, or in Assignee's name, or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

Assignor hereby covenants and agrees that Assignor will, upon request of Assignee and at the expense of Assignee, communicate to Assignee any facts known to Assignor relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers required to effect the foregoing, and generally do all further acts which may be deemed necessary by Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

Date: 11/30/01, 2001

Philip C. Lausier
(Signature) Philip C. LAUSIER

STATE OF Georgia)
COUNTY OF Fayette) SS.:

On the 30th day of November in the year 2001 before me, the undersigned, personally appeared Philip C. Lausier, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Linda R. Gladd
Signature and Office of individual
taking acknowledgment

