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Form PTO-1595  
(Rev. 03/01)

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102480342

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

## 1. Name of conveying party(ies):

LightPointe Communications, Inc.

## 2. Name and address of receiving party(ies)

Name: GATX Ventures, Inc.

Internal Address: Attn: Legal Dept.

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

## 3. Nature of conveyance:

☐ Assignment☐ Merger☒ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Street Address: 3687 Mt. Diablo Blvd.

Suite 200

City: Lafayette State: CA Zip: 94549

Execution Date: 05/24/2002

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) \_\_\_\_\_

See attached

B. Patent No.(s) \_\_\_\_\_

See attached

Additional numbers attached? ☒ Yes ☐ No

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

Name: GATX Ventures, Inc.

Internal Address: Attn: Legal Dept.

Street Address: 3687 Mt. Diablo Blvd.

Suite 200

City: Lafayette State: CA Zip: 94549

## 6. Total number of applications and patents involved: 11

7. Total fee (37 CFR 3.41).....\$ 440<sup>00</sup>☐ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

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## 9. Signature.

GATX VENTURES, INC.

Maureen C. Dellinger, Counsel

Name of Person Signing

Maureen C. Dellinger

Signature

June 19, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

06/25/2003 6TON11 00000037 09482782

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PATENT  
REEL: 014192 FRAME: 0629

2. Additional name(s) & address(es) attached:

Silicon Valley Bank  
3003 Tasman Drive  
Santa Clara, CA 95054

**SCHEDULE 1-A TO GRANT OF SECURITY INTEREST**

**PATENTS**

<b>Patent</b>	<b>Registration Number</b>	<b>Registration Date</b>
Terrestrial Optical Communication Network of Integrated Fiber and free-space links which requires no electro-optical conversion between links	6239888	4/24/98

**SCHEDULE 1-B TO GRANT OF SECURITY INTEREST**

**PATENT APPLICATIONS**

<b>Patent Application</b>	<b>Application Number</b>	<b>Application Date</b>
Hybrid wireless optical and radio frequency communication link	09/482782	1/13/00
Multi-tenant unit optical network	60/274888	3/9/01
An integrated environmental control and management system for free-space optical communication systems	09/835866	4/16/01
Free space optics-based digital IP multicast multi-media network	60/332358	11/16/01
Terrestrial optical communication network of integrated fiber and free-space links which requires no electro-optical conversion between links	09/823175	3/29/01
Terrestrial optical communication network of integrated fiber and free-space links which requires no electro-optical conversion between links	09/849613	5/4/01
Free-space optical communication system employing wavelength conversion (All weather free-space optics Communication systems)	09/864093	5/21/01
Novel architecture for free-space optics communication systems	10/008463	11/9/01
Multi-Tenant unit optical network	10/096121	3/7/02
Free-space optical communication network	10/094554	3/7/02

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# GRANT OF SECURITY INTEREST

## PATENTS

THIS GRANT OF SECURITY INTEREST, dated as of May 24, 2002, is executed by LIGHTPOINTE COMMUNICATIONS, INC., a Delaware corporation ("Debtor"), in favor of GATX VENTURES, INC. and SILICON VALLEY BANK (collectively, "Secured Parties").

A. Pursuant to a Venture Loan and Security Agreement, dated as of December 27, 2000 (the "Agreement") among Debtor and the Secured Parties, the Secured Parties have agreed to extend certain credit facilities to Debtor upon the terms and subject to the conditions set forth therein;

B. Debtor owns the letters patent and/or applications for letters patent, of the United States, more particularly described on Schedules 1-A and 1-B annexed hereto as part hereof (collectively, the "Patents");

C. Pursuant to the Agreement, Debtor has granted to Secured Parties a security interest in all right, title and interest of Debtor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations, as defined in the Agreement;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Parties a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Parties with respect to the security interest in the Collateral granted hereby are more fully set forth in the Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

Secured Parties' addresses are: GATX Ventures, Inc.  
3687 Mount Diablo Blvd., Suite 200  
Lafayette, California 94549

and

Silicon Valley Bank  
3003 Tasman Drive  
Santa Clara, CA 95054

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first written above.

LIGHTPOINTE COMMUNICATIONS, INC.

By:

Name:

Title:

