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Docket No. T924773

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Innovance, Inc.

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Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

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☐ Merger

☒ Security Agreement

☐ Change of Name

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Toronto, Ontario, Canada M5J 2N7

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Execution Date: **May 27, 2003**

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

See attached
schedule

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schedule

06/27/2003 ECOOPER 00000037 071750 6542280

01 FC:8021 1320.00 DA

Additional numbers attached? ☒ Yes ☐ No

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

Name: **Peter Milne**

Internal Address: _____



26912

PATENT TRADEMARK OFFICE

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City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved:

33

7. Total fee (37 CFR 3.41):.....\$ **1,320.00**

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8. Deposit account number:

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9. Statement and signature.

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PATENT

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INNOVANCE, INC.

SCHEDULE TO INTELLECTUAL PROPERTY

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<u>Description</u>	<u>Registration Date</u>	<u>Registration No.</u>
None.		

PATENTS

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Date Issued</u>	<u>Patent No.</u>
Return-to-zero optical modulator with configurable pulse width	US	Walklin	April 1, 2003	6,542,280

PATENT APPLICATIONS

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Application No.</u>	<u>Application Date</u>
Electro-optic sub-system for a Wavelength Division Multiplexed Network	US	Solheim, Roorda, Allen	09/877,943	June 8, 2001
Architecture For a Photonic Transport Network	US	Roorda, Solheim, Penz, Lim, Emery, Somani, Wight, May, Frodsham, Nicholson	09/876,391	June 7, 2001
Architectures for a wavelength switching node of a photonic network	US	Solheim, Roorda, Friesen, Wight	10/114,781	April 3 ,2002
Transparent photonic switch architectures for optical communication networks	US	Roorda, Solheim, Friesen, Forde	10/140,116 (being assigned from Innovance Networks)	May 8, 2002

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Application No.</u>	<u>Application Date</u>
Line Amplification System for Wavelength Switched optical Networks	US	Jones, Wight, Solheim, Beer	09/975,362	Oct 11, 2001
Reconfigurable access to a WDM network	US	Pham, Roorda, Scheerer, Jones, Solheim	09/946,576	Sep 5, 2001
Architecture for an Add/Drop node of a WDM optical Network	US	Roorda, Jones, Wight, Pham, Friesen	10/002,773	Nov 2, 2001
Method for engineering connections in a dynamically reconfigurable photonic switched network	US	Zhou, Solheim, Au-Yang, Wight and Scheerer	09/930,528	Aug 15, 2001
Method for engineering connections in a dynamically reconfigurable photonic switched network	US	Zhou, Solheim, Au-Yang, Wight and Scheerer	10/159,676	May 31, 2002
Wavelengths assignment in an optical WDM network	US	Solheim, Roorda, Jones, Friesen	10/017,833	Dec 12, 2001
Dispersion Measurement In An Agile Optical Network	US	Wight, Sizmann, Du, Solheim	10/058,948	Jan 28, 2002
Chromatic Dispersion Characterization	US	May	09/932,152	Aug 17, 2001
Network Operating System with Topology Autodiscovery	US	Emery, Fortin, Beer, Lim Messerschmidt, Craig, Duan	10/163,939	June 6, 2002

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Application No.</u>	<u>Application Date</u>
Wavelength routing and switching mechanism for a photonic transport network	US	Smith, Titchener, JP Guy	09/909,265	July 19, 2001
Method and system for monitoring network resources utilization	US	Johnson, Forget	09/946,195	Sep. 5, 2001
Network Operating System with Distributed Data Architecture	US	Messerschmidt, Fortin, Emery, Lim, Stemmer	10/244,913	Sep. 16, 2002
Geographical positioning of NE's	US	Bulut	10/020,817	Dec 12, 2001
Connection Optimization And Control In Agile Networks	US	Jones, Wight; Lim., Beer; Walklin, Zhou, Chan, Pham, Yu, Solheim Whittaker, Kimball, Scheerer, Kan	10/244,928	Sep. 16, 2002
Gain Control In Wavelength Switched Optical Networks	US	Wight, Jones, Yu, Solheim, Kemp, Scheerer	10/329,067	Dec 24, 2002
Wavelength exerciser	US	Solheim, Jones	10/021,709	Dec 12, 2001
Wavelength Routing on an Optical Metro Network Subtended Off an agile core network	US	Roorda, Solheim	10/195,247	July 15, 2002
Use Of Linear Scattering Losses To Characterize Amplified Fiber Spans	US	Kan	10/300,156	Nov 20, 2002
Two color BER Response scheme for dispersion measurement	US	Wight, Wu, Solheim, Sizmann	10/036,662	Dec 21, 2001
Routing Cycles for Wavelength Switched Optical Networks	US	Slezak, Rider, Smith	10/061,623	Feb 1, 2002

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Application No.</u>	<u>Application Date</u>
Regenerators placement mechanism for wavelength switched optical networks	US	Rider, Slezak, Smith	10/097,901	March 13, 2002
Dynamic assignment of wavelengths in agile photonic networks	US	Kotikalapudi, Katiyar, Nednur, Titchner, Smith	10/128,092	April 23, 2002
Calibrated Raman Gain Control	US	Kemp, Jones. Wight	10/373,971	Feb. 25, 2003
Transparent photonic switch architectures for optical communication networks	US	Roorda, Friesen, Forde	--	May 12, 2002
Channel wavelength assignment with transient reduction	US	Guy, Roorda, Solheim, Jones, Friesen	--	March.19, 2003
Method for pre-configuring optical protection trails in a mesh-connected agile photonic network	US	Slezak, Friesen, Roorda	--	April 28, 2003
Fault isolation in agile transparent network	US	Johnson, Roorda, Letkeman, Jean, Emery.	10/325,010	Dec 20, 2002
Communication of topology and service information between the optical modules of an agile photonic network	US	Emery, Solheim	--	April 29, 2003
Architecture For a Photonic Transport Network	EU	Roorda, Solheim, Penz, Lim, Wight, Emery, Somani, May, Frodsham, Nicholson	02011672.9	May 31, 2002

<u>Title</u>	<u>Jurisdiction</u>	<u>Inventor</u>	<u>Application No.</u>	<u>Application Date</u>
Method for engineering connections in a dynamically reconfigurable photonic switched network	EU	Zhou, Solheim, Au-Yang, Wight and Scheerer	02011671.1	May 31, 2002
Method for engineering connections in a dynamically reconfigurable photonic switched network	CAN	Zhou, Solheim, Au-Yang, Wight and Scheerer	2,393,633	July 17, 2002
Wavelengths assignment in an optical WDM network	EU	Solheim, Roorda, Jones, Friesen	02011670.3	May 31, 2002
Network Operating System with topology autodiscovery	EU	Emery, Fortin, Beer, Lim Messerschmidt, Craig, Duan	02012451.7	June 11, 2002
Network Operating System with topology autodiscovery	CAN	Emery, Fortin, Beer, Lim Messerschmidt, Craig, Duan	2,390,586	June 13, 2002
Wavelength routing and switching mechanism for a photonic transport network	EU	Smith, Titchener, JP Guy	02011669.5	May 31, 2002
Wavelength routing and switching mechanism for a photonic transport network	CAN	Smith, Titchener, JP Guy	2,393,648	July 17, 2002

TRADEMARK REGISTRATIONS

<u>Mark</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>App./Reg. No.</u>
INNOVANCE	EU	10/24/01	App. No. 002358315

CONFIRMATION OF GRANT OF SECURITY INTEREST

This will confirm that, pursuant to an amended and restated equipment loan and security agreement (hereinafter referred to as the "LSA") dated as of May 27, 2003 among, *inter alia*, Innovance, Inc., a corporation incorporated under the laws of the State of Delaware (hereinafter referred to as "Innovance U.S."), whose full post office address is 15 Corporate Place South, Piscataway, New Jersey 08854, U.S.A. and GATX/MM Venture Finance Partnership (hereinafter referred to as "GATX/MM"), an Ontario general partnership, whose full post office address is 95 Wellington Street West, 22nd Floor, Toronto, Ontario, M5J 2N7, and for other good and valuable consideration, the receipt and sufficiency of which are hereby confirmed and acknowledged, Innovance U.S. confirms that it has granted to GATX/MM a security interest, lien and charge in all of Innovance U.S.' right, title and interest in and to the intellectual property listed on the Schedule attached hereto, including, without limitation, the copyrights, trademarks, patents and trademark and patent applications and registrations listed therein, and in and to any and all continuations, continuations-in-part, updates, developments, divisions, reissues and re-examinations which issue therefrom.

EXECUTED at New Jersey this 27th day of May, 2003.

INNOVANCE, INC.

Per: Wayne Edmunds c/s
Name: WAYNE EDMUNDS
Title: CFO

I have authority to bind the Corporation.