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05-16-2000

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101357479

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID #
- Correction of PTO Error
Reel Frame #
- Corrective Document
Reel Frame #

Conveyance Type

- Assignment Security Agreement
- License Change of Name
- Merger Other

U.S. Government

(For use ONLY by U.S. Government Agencies)

- Departmental File
- Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) **Malibu Networks, Inc.**

Name (line 2) **a California corporation**

Execution Date
Month Day Year
040700

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) **MMC/GATX Partnership No. 1**

Name (line 2) **c/o Meier Mitchell & Company**

Address (line 1) **Four Orinda Way, Suite 200B**

Address (line 2)

Address (line 3) **Orinda** **CA/USA** **94563**
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

05/15/2000 DCDATES 00000132 09349477

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**Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**

PATENT
REEL: 010779 FRAME: 0529

Correspondent Name and Address Area Code and Telephone Number (415) 955-3200

Name **Meier Mitchell & Company**

Address (line 1) **c/o GATX Capital Corporation**

Address (line 2) **ATTN: Susan Clay**

Address (line 3) **Four Embarcadero Center, Suite 2200**

Address (line 4) **San Francisco, CA 94111**

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 5

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09349477	09349480	09350126
09350118	09347856	09350150
09350156	09349476	09350170

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties Enter the total number of properties involved. # 21

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 840.00

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Maurice C. Dellinger, Esq.
Associate Counsel, GATX Capital Corporation
(General Partner of MMC/GATX Partnership)

Maurice C. Dellinger

4-24-00

Name of Person Signing

Signature

Date Signed

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Enter Additional Conveying Parties

Mark if additional names of conveying parties attached

Name (line 1)		Execution Date Month Day Year
Name (line 2)		Execution Date Month Day Year
Name (line 1)		Execution Date Month Day Year
Name (line 2)		Execution Date Month Day Year
Name (line 1)		Execution Date Month Day Year
Name (line 2)		Execution Date Month Day Year

Receiving Party(ies)

Enter Additional Receiving Party(ies)

Mark if additional names of receiving parties attached

Name (line 1)	Silicon Valley Bank		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)	ATTN: General Counsel		
Address (line 1)	3003 Tasman Drive		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)			
Address (line 3)	Santa Clara City	CA/USA State/Country	
Name (line 1)	Comdisco, Inc.		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)	ATTN: Legal Department		
Address (line 1)	6111 North River Road		
Address (line 2)			
Address (line 3)	Rosemont City	IL/USA State/Country	

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09349481	09350159	09347857
09349475	09349483	09349479
09350162	09349975	09350173
09349482	09349478	09349474

GRANT OF SECURITY INTEREST

PATENTS

THIS GRANT OF SECURITY INTEREST, dated as of April 7, 2000, is executed by MALIBU NETWORKS, INC., a California corporation ("Debtor"), in favor of MMC/GATX PARTNERSHIP NO. I, SILICON VALLEY BANK and COMDISCO, INC. (collectively, "Secured Parties").

A. Pursuant to a Loan and Security Agreement, dated as of April 7, 2000 (the "Agreement") by and between 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 Agreement (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 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:

If to MMC/GATX Partnership No. I:

MMC/GATX Partnership No. I
c/o Meier Mitchell & Company
Four Orinda Way, Suite 200-B
Orinda, California 94563
Attention: Contract Administration

With a copy to:

MMC/GATX Partnership No. 1
C/o GATX Capital Corporation
Four Embarcadero Center, Suite 2200
San Francisco, CA 94111
Attention: Contract Administration

If to SVB:

Silicon Valley Bank
3003 Tasman Drive
Santa Clara, CA 95054

Attention: General Counsel

With a copy to:

Silicon Valley Bank
340 N. Westlake Blvd., Suite 150
Westlake Village, CA 91362
Attention: John China

If to Comdisco:

Comdisco, Inc.
Legal Department
Attention: General Counsel
6111 North River Road
Rosemont, IL 60018

With copies to:

Comdisco, Inc./Comdisco Ventures
6111 North River Road
Rosemont, IL 60018

With copies to:

Murphy Sheneman Julian & Rogers
Attention: Jane K. Springwater, Esq.
101 California Street, 39th Floor
San Francisco, CA 94111

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

MALIBU NETWORKS, INC.

By: Shawn Mansel
Name: SHAWN MANSEL
Title: COO

SCHEDULE 1-A TO GRANT OF SECURITY INTEREST

PATENTS

Patent	Registration Number	Registration Date
	NONE	

SCHEDULE 1-B TO GRANT OF SECURITY INTEREST

PATENT APPLICATIONS

Patent Application	Application Number	Application Date
Transmission Control Protocol/Internet Protocol (TCP/IP) Packet-Centric Wireless Point to Multi-Point (PtMP) Transmission System Architecture	09/349,477	July 9, 1999
Quality of Service (QoS) Aware Wireless Point to Multi-Point (PtMP) Transmission System Architecture	09/349,480	July 9, 1999
Method for Providing Dynamic Bandwidth Allocation Based on IP-Flow Characteristics in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,126	July 9, 1999
Method for Providing for Quality of Service (QoS) Based Handling of IP-Flows in a Wireless Point to Multi-Point Transmission System	09/350,118	July 9, 1999
IP-Flow Identification in a Wireless Point to Multi-Point Transmission System	09/347,856	July 9, 1999
IP-Flow Characterization in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,150	July 9, 1999
IP-Flow Classification in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,156	July 9, 1999
IP-Flow Prioritization in a Wireless Point to Multi-Point (PtMP) Transmission System	09/349,476	July 9, 1999
Method of Operation for Providing for Service Level Agreement (SLA) Based Prioritization in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,170	July 9, 1999
Method for Transmission Control Protocol (TCP) Rate Control With Link-Layer Acknowledgments in a Wireless Point to Multi-Point (PtMP) Transmission System	09/349,481	July 9, 1999

Transmission Control Protocol/Internet Protocol (TCP/IP) Centric QoS Aware Media Access Control (MAC) Layer in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,159	July 9, 1999
Use of Priority-Based Scheduling for the Optimization of Latency and Jitter Sensitive IP Flows in a Wireless Point to Multi-Point Transmission System	09/347,857	July 9, 1999
Time Division Multiple Access/Time Division Duplex (TDMA/TDD) Access Method for a Wireless Point to Multi-Point Transmission System	09/349,475	July 9, 1999
Reservation Based Prioritization Method for Wireless Transmission of Latency and Jitter Sensitive IP-Flows in a Wireless Point to Multi-Point Transmission System	09/349,483	July 9, 1999
Translation of Internet-Prioritized Internet Protocol (IP) Flows into Wireless System Resource Allocations in a Wireless Point to Multi-Point (PtMP) Transmission System	09/349,479	July 9, 1999
Method of Operation for the Integration of Differentiated Services (Diff-serv) Marked IP-Flows into Quality of Service (QoS) Priorities in a Wireless Point to Multi-Point (PtMP) Transmission System	09/350,162	July 9, 1999
Method for the Recognition and Operation of Virtual Private Networks (VPNs) over a Wireless Point to Multi-Point (PtMP) Transmission System	09/349,975	July 9, 1999
Time Division Multiple Access/Time Division Duplex (TDMA/TDD) Media Access Control (MAC) Transmission Air Frame	09/350,173	July 9, 1999
Application – Aware, Quality of Service (QoS) Sensitive, Media Access Control (MAC) Layer	09/349,482	July 9, 1999
Transmission Control Protocol/Internet Protocol (TCP/IP) Packet-Centric Wireless Point to Point (PtP) Transmission System Architecture	09/349,478	July 9, 1999
Transmission Control Protocol/Internet Protocol (TCP/IP) Packet-Centric Cable Point to Multi-Point (PtMP) Transmission System Architecture	09/349,474	July 9, 1999