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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

06-06-05

1. Name of conveying party(ies)/Execution Date(s):

CLEARCUBE TECHNOLOGY, INC.

Execution Date(s) May 24, 2005

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

2. Name and address of receiving party(ies)

Name: Horizon Technology Funding Company LLC

Internal Address: _____

Street Address: 76 Batterson Park Road

City: Farmington

State: Connecticut

Country: USA Zip: 06032

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

(45) Patent Applications

See attached listing

B. Patent No.(s)

(17 Patents)

See attached listing

Additional numbers attached? Yes No

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

Name: John C. Bombara

Internal Address: 10 Horizon Technology Funding Company LLC

Street Address: 76 Batterson Park Road

City: Farmington

State: Connecticut Zip: 06032

Phone Number: (860) 676-8657

Fax Number: (860) 676-8655

Email Address: jay@horizontechfinance.com

6. Total number of applications and patents involved:

62

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 2,480.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

[Signature]

Signature

May 31, 2005

Date

John C. Bombara

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 016862 FRAME: 0048

SCHEDULE 1-B TO GRANT OF SECURITY INTEREST

PATENT APPLICATIONS

Patent Application	Application Number	Application Date
Technique for Transferring High Speed Electrical Information Through Cable with High Immunity to Noise and Cable-Induced Losses	60/010,662	01/26/96
Technique to Facilitate the Independent Bi-Directional Data Transmission on a Single Amplitude Modulated Carrier	60/029,033	10/28/96
Technique to Encode Multiple Digital Data Streams in Limited Bandwidth for Transmission in a Single Medium	60/030,591	11/13/96
Technique for Recovering an Amplitude Modulated Carrier	60/030,592	11/13/96
Technique to Facilitate a Narrow Band Pass Filter with Single Cycle Simulation Response	60/048,853	06/06/97
A Technique for Encoding Separate Horizontal and Vertical Synchronization Information into an RGB Video Signal	60/056,945	08/25/97
Technique to Transfer Multiple Digital Data Streams Over a Wire or Wireless Medium	60/062,199	10/16/97
Technique to Remote the Human Interface Devices of a Computer, Keyboard, Mouse (Track-Ball), Printer and Monitor of a Standard Personal Computer	60/069,464	12/15/97
Computer Network Comprising Computing Systems with Remotely Located Human Interfaces	09/755,378	01/05/01
Process to Consolidate Multiple Computers at a Single Location While Providing the Operators with the Full Emulated Presence of the Individual Computers Without Direct Access to Either Internal or Portable Information Storage	60/071,604	1/16/98
Computer System Having Reduced Cabling Requirements	60/091,985	7/8/98

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Patent Application	Application Number	Application Date
Video Monitor Having an Input/Output Device Interface Board Incorporated Therein	09/349,685	7/8/99
A System Of Co-Located Computers In A Framework Including Removable Function Modules For Adding Modular Functionality	09/728,669	12/01/00
Computer System Having a Remotely Located Human Interface Using Computer I/O Bus Extension	60/300,583	06/21/01
Multi-Monitor System Specification	60/317,029	09/04/01
A Fail-Forward Networked Storage System	60/332,143	11/21/01
Data Fail-Over for a Multi-Computer System	10/301,536	11/21/02
Connecting Multiple Monitors To A Computer Using A Single Cable	60/370,889	04/08/02
Connecting Multiple Monitors To A Computer Using A Single Cable	10/198,719	07/18/02
Connecting Multiple Monitors To A Computer Using A Single Cable	PCT/US03/03783	02/07/03
Digital Visual Interface Cable Distance Extension	10/198,650	07/18/02
Digital Visual Interface Cable Distance Extension	PCT/US03/22597	07/18/03
Method of Operating a System of Co-located Computers and Remote Human Interfaces	10/279,475	10/24/02
Distributed Computing Infrastructure	60/411,066	09/16/02
Distributed Computing Infrastructure (PCT)	PCT/US03/28918	09/15/03
Distributing Content in a System Comprising Co-located Computers and Remote Human Interfaces	60/396,793	07/18/02
Distributing Communications in a System Comprising Co-located Computers and Remote Human Interfaces	10/411,804	04/11/03

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Patent Application	Application Number	Application Date
Distributing Communications in a System Comprising Co-located Computers and Remote Human Interfaces	PCT/US03/22602	07/18/03
Distributing Video Data in a System Comprising Co-located Computers and Remote Human Interfaces	10/411,908	04/11/03
Computer Condition Detection System	10/364,584	02/11/03
Computer Condition Detection System	PCT/US04/03800	02/10/04
Transmitting Video and Audio Signals from a Human Interface to a Computer	10/409,219	04/08/03
Distributed Computing Infrastructure Including Small Peer-to-Peer Applications	10/662,933	09/15/03
System and Method for Reducing User- Application Interactions to Archivable Form	10/662,889	09/15/03
System and Method for Creating Complex Distributed Applications	10/662,932	09/15/03
Distributed Computing Infrastructure Including Multiple Collaborative Sessions	10/662,968	09/15/03
System and Method for Providing Virtual Network Attached Storage Using Excess Distributed Storage Capacity	10/301,563	11/21/02
Distributed Computing Infrastructure Including Autonomous Intelligent Management System	10/662,936	09/15/03
Selectively Updating a Display in a Multi- Display System	10/458,853	06/11/03
Selectively Updating a Display in a Multi- Display System	PCT/US04/18579	06/14/04
Distributed Resource Manager	10/301,518	11/21/02
System and Method for Automatic Software Retrieval on a Peer-to-Peer Network	10/662,955	09/15/03

Patent Application	Application Number	Application Date
System and Method for Multi-Functional XML-Capable Software Applications on a Peer-to-Peer Network	10/662,954	09/15/03
Y/C Video Signal Transmission Over Twisted-Pair Wires	60/613,783	09/28/04
Distributing Hosted Communications, Content, and Computing	60/659,259	03/07/05

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SCHEDULE 1-A TO GRANT OF SECURITY INTEREST

PATENTS

Patent Name	Patent Number	Date Issued
Method and Apparatus for Enabling the Transmission of Multiple Wide Bandwidth Electrical Signals	5,966,056	10/12/99
Technique for Performing Amplitude Modulation Without Creating Side-Bands	6,167,241	12/26/00
Technique to Facilitate the Independent Bi-Directional Data Transmission on a Single Amplitude Modulated Carrier	6,148,182	11/14/00
Technique to Encode Multiple Digital Data Streams in Limited Bandwidth for Transmission in a Single Medium	6,037,884	3/14/00
Analog Technique to Detect Asymmetric Radio Frequency Pulses	6,020,839	2/1/00
Narrow Band-Pass Interferometric Filter Having Enhanced Operational Characteristics	5,994,952	11/30/99
Video Data Transmission and Display System and Associated Methods for Encoding/Decoding Synchronization Information and Video Data	5,926,172	7/20/99
Technique to Transfer Multiple Data Streams Over a Wire or Wireless Medium	6,421,393	7/16/02
Computer System with Remotely Located Interface Where Signals are Encoded at the Computer System, Transferred Through a Wire Cable, and Decoded at the Interface	6,038,616	3/14/00
Computer System Having Remotely Located I/O Devices Wherein Signals are Encoded at the Computer System Through Two Encoders and Decoded at I/O Devices Through Two Decoders	6,385,666	5/7/02
Computer Network Having Commonly Located Computing Systems	6,012,101	1/4/00
Computer Network Having Multiple Remotely	6,119,146	9/12/00

Patent Name	Patent Number	Date Issued
Located Human Interfaces Sharing a Common Computing System		
Bi-Directional Signal Coupler Method and Apparatus	6,426,970	7/30/02
Computer System Having Reduced Cabling Requirements	6,633,934	10/14/03
Extending a Universal Serial Bus to Allow Communication with USB Devices at a Remote Location	6,708,247	3/16/04
System and Method for Combining Computer Video and Remote Universal Serial Bus In An Extended Cable	6,735,658	5/11/04
Computer On A Card With A Remote Human Interface	6,886,055	4/26/05

GRANT OF SECURITY INTEREST
PATENTS

THIS GRANT OF SECURITY INTEREST, dated as of May 24, 2005, is executed by CLEARCUBE TECHNOLOGY, INC., a Delaware corporation with an address of 8834 Capital of Texas Highway, North, Suite 140, Austin, TX 78759 ("Debtor"), in favor of HORIZON TECHNOLOGY FUNDING COMPANY LLC, a Delaware limited liability company with an address of 76 Batterson Park Road, Farmington, Connecticut 06032 ("Secured Party").

A. Pursuant to a certain Venture Loan and Security Agreement, dated on or about the date hereof (the "Agreement") by and between Debtor and the Secured Party, the Secured Party has agreed to extend credit to Debtor upon the terms and subject to the conditions set forth therein;

B. Debtor owns the patents and/or applications for patents, 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 Party 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);

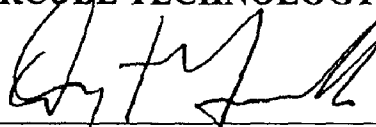
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party 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.

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

CLEARCUBE TECHNOLOGY, INC.

By: _____


Donald F. Neville
Chief Financial Officer