

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Alon Shlomo Bernstein</td><td>11/29/2005</td></tr><tr><td>Harshavardhan Parandekar</td><td>11/29/2005</td></tr><tr><td>Toerless Eckert</td><td>11/30/2005</td></tr></tbody></table>	Name	Execution Date	Alon Shlomo Bernstein	11/29/2005	Harshavardhan Parandekar	11/29/2005	Toerless Eckert	11/30/2005	
Name	Execution Date								
Alon Shlomo Bernstein	11/29/2005								
Harshavardhan Parandekar	11/29/2005								
Toerless Eckert	11/30/2005								
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City:	San Jose								
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Postal Code:	95134-1706								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11292725</td></tr></tbody></table>	Property Type	Number	Application Number:	11292725					
Property Type	Number								
Application Number:	11292725								
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Total Attachments: 4 source=2705-507 Assignment#page1.tif source=2705-507 Assignment#page2.tif									

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PATENT
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Patent Application
Do. No. 2705-507
Client Sequence No. 13010

ASSIGNMENT

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**Title of
Invention:** **ADVANCED MULTICAST SUPPORT FOR CABLE**

U.S. Patent Application:

Application Serial No.: Not Yet Assigned

Filing Date: Herewith

U.S. Patent No.:


Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application

and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at San Jose, CA, this 29 day of
(city) (state) (day)
11, 2005.
(month)



Alon Shlomo Bernstein
Assignor

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Executed at San Jose, CA, this 29 day of
(city) (state) (day)
November, 2005.
(month)

HB Parandekar
Harshavardhan Parandekar
Assignor

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Executed at Milpitas, CA, this 30th day of
(city) (state) (day)
November, 2005.
(month)

Toerless Eckert
Toerless Eckert
Assignor