

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chuang-Chun Liu	10/10/2007
RECEIVING PARTY DATA	
Name:	Digital Networks North America, Inc.
Street Address:	20400 Stevens Creek Boulevard
Internal Address:	The Towers in Cupertino City Center
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10393599
CORRESPONDENCE DATA	
Fax Number:	(312)913-0002
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Chicago, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	03-518
NAME OF SUBMITTER:	Bradley J. Hulbert

CH \$40.00 10393599

Total Attachments: 5
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ASSIGNMENT

Case No : MBHB03-518 Serial No : 10/393,599
Inventors: Christopher Dow, Bruce A. Garcia, Adam Briggs, Tai-Ming Chen,
Chuang-Chun Liu, Patrick M. Ellis, Oleg Varshavsky
Date of Execution
of Application: Filing Date: March 20, 2003

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Digital Networks North America, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

SYSTEM AND METHOD FOR NAVIGATION OF INDEXED VIDEO CONTENT

and identified as:

Case No. MBHB03-518

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely

as the same would have been held and enjoyed by the undersigned if this assignment had not been made

WITNESS my hand and seal this ___ day of _____, _____

Christopher Dow

State of

County of

The foregoing instrument was acknowledged before me this _____ day of

_____, _____ by _____

NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, _____

Bruce A. Garcia

State of

County of

The foregoing instrument was acknowledged before me this _____ day of

_____, _____ by _____

NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, _____.

Adam Briggs

State of

County of

The foregoing instrument was acknowledged before me this _____ day of
_____, _____ by _____.

NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, _____.

Tai-Ming Chen

State of

County of

The foregoing instrument was acknowledged before me this _____ day of
_____, _____ by _____.

NOTARY PUBLIC

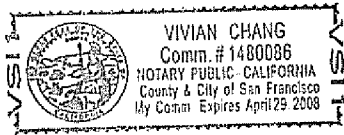
WITNESS my hand and seal this 10th day of Oct, 2007

Chung-Chun Liu
Chuang-Chun Liu

State of California
County of Santa Clara

The foregoing instrument was acknowledged before me this 10 day of Oct, 2007 by CHUANG CHUN LIU

[Signature]
NOTARY PUBLIC



WITNESS my hand and seal this ___ day of _____, _____.

Patrick M. Ellis

State of

County of

The foregoing instrument was acknowledged before me this _____ day of _____, _____ by _____.

NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, _____.

Oleg Varshavsky

State of

County of

The foregoing instrument was acknowledged before me this _____ day of

_____, _____ by _____.

NOTARY PUBLIC