

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
William Thesling	09/30/2005
Fan Mo	09/30/2005
RECEIVING PARTY DATA	
Name:	Efficient Channel Coding, Inc.
Street Address:	600 Safeguard Plaza
Internal Address:	Suite 100
City:	Brooklyn Heights
State/Country:	OHIO
Postal Code:	44131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12707736
CORRESPONDENCE DATA	
Fax Number:	(415)576-0300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	303.571.4000
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Correspondent Name:	Townsend and Townsend and Crew LLP
Address Line 1:	Two Embarcadero Center
Address Line 2:	Eighth Floor
Address Line 4:	San Francisco, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	026258-001530US
NAME OF SUBMITTER:	Michael L. Drapkin

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Total Attachments: 3
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ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

FRAME-BASED CARRIER FREQUENCY AND PHASE RECOVERY SYSTEM AND METHOD

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, which application is identified as Jones Day Docket No. 098417-610021 and which application claims the benefit of priority to United States Provisional Application Serial No. 60/614,770, filed September 30, 2004.

WHEREAS, Efficient Channel Coding, Inc. a corporation organized under the laws of the state of Ohio, having a principal place of business at 600 Safeguard Plaza, Suite 100, Brooklyn Heights, Ohio 44131, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to and under said inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, HAVE BEEN AND ARE HEREBY SOLD, ASSIGNED, TRANSFERRED, AND DELIVERED UNTO ASSIGNEE, ITS SUCCESSORS AND ASSIGNS; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones Day the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

William Thesling

William Thesling

September 30, 2005

Date

Post Office Address: 7332 East Firelands Drive
Hudson, OH 44236

STATE OF OHIO

ss.

COUNTY OF _____

The above named William Thesling, known to me, appeared before me this _____ day of September, 2005, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Notary Public

(Notarial Seal)

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Fan Mo
Fan Mo

Sept. 30, 2005
Date

Post Office Address 151 Eaton Ridge Drive, Apt. 208
Sagamore Hills, OH 44067

STATE OF OHIO

ss.

COUNTY OF CUYAHOGA

The above named Fan Mo, known to me, appeared before me this _____ day of September, 2005, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Notary Public

(Notarial Seal)

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CLI-1339742v1