

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chang-soo Koo	07/14/2005
Robert Lind Olesen	07/14/2005

RECEIVING PARTY DATA

Name:	INTERDIGITAL TECHNOLOGY CORPORATION
Street Address:	300 DELAWARE AVENUE
Internal Address:	SUITE 527
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11118867

CORRESPONDENCE DATA

Fax Number: (215)568-6499

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: VOLPE AND KOENIG, P.C.

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Address Line 2: Jeffrey M. Glabicki

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

NAME OF SUBMITTER:

Jeffrey M. Glabicki

Total Attachments: 3

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PATENT

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REEL: 016293 FRAME: 0137

CH \$40.00 11118867

ASSIGNMENT

Chang-Soo Koo, residing at 281 Altessa Blvd, Melville, New York, 11747, a citizen of the United States of America; Robert Lind Olesen, residing at 3 Country Club Drive, Huntington, New York, 11743, a citizen of the United States of America; (hereafter jointly and severally referred to as the undersigned), are the inventors of

QUALITY CONTROL SCHEME FOR MULTIPLE-INPUT MULTIPLE-OUTPUT
(MIMO) ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM)
SYSTEMS

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 11/118,867, filed April 29, 2005.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

InterDigital Technology Corporation, a Delaware corporation, having a principal place of business at 300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801, USA, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 14 day of July,
2005 at Melville, NY.
(Place)

Witness:

Angela Iorio

Chang-Soo Koo (L.S.)
Chang-Soo Koo

State of New York

ss.

County of Suffolk

On this 14 day of July, 2005 before me personally appeared Chang-Soo Koo, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Michele Catania
Notary Public

My Commission Expires:

EXECUTED under seal on this 14 day of July,
2005 at Melville, NY
(Place)

Witness:

Angela Torio

Robert Lind Olesen (L.S.)
Robert Lind Olesen

State of New York

ss.

County of Suffolk

On this 14 day of July, 2005 before me personally appeared Robert Lind Olesen, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Michele Catania
Notary Public

My Commission Expires:

Michele Catania
Notary Public, State of New York
No. 01CA6127266
Qualified in Suffolk County
Commission Expires May 23, 2009