

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Srisakul Thakolsri	02/08/2011
Wolfgang Kellerer	02/08/2011
Eckehard Steinbach	03/14/2011
RECEIVING PARTY DATA	
Name:	NTT DoCoMo, Inc
Street Address:	11-1, Nagata-cho, 2-chome, Chiyoda-ku
Internal Address:	SANNO PARK TOWER 36th FL
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12932159
CORRESPONDENCE DATA	
Fax Number:	(617)310-9000
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	docket@nutter.com
Correspondent Name:	John J. Penny
Address Line 1:	155 Seaport Blvd
Address Line 2:	Nutter McClennen & Fish LLP
Address Line 4:	Boston, MASSACHUSETTS 02210-2604
ATTORNEY DOCKET NUMBER:	109638-00004
NAME OF SUBMITTER:	John J. Penny, Jr.
Total Attachments: 1 source=assignment#page1.tif	

CH \$40.00 12932159

501498192

PATENT
REEL: 026117 FRAME: 0942

ASSIGNMENT OF US NON-PROVISIONAL APPLICATION

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

NTT DoCoMo, Inc.
SANNO PARK TOWER, 36th Floor
11-1, Nagata-cho 2-chome
Chiyoda-ku, Tokyo, JAPAN

(Hereinafter designated "ASSIGNEE") the right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention and all applications including the application filed herewith and any all divisions, continuations, substitutes, reissues thereof; and all applications claiming benefit thereto, and all resulting patents, known as

METHOD AND APPARATUS FOR RATE SHAPING

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to THE said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the ASSIGNORS further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The ASSIGNORS also hereby grant the law firm of Nutter McClennen & Fish LLP 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 documents.

Srisakul Thakolsri
(inventor)

S. Thakolsri

Dated this 8 day of Feb., 2011;

Wolfgang Kellerer
(inventor)

W. Kellerer

Dated this 8 day of Feb., 2011;

Eckehard Steinbach
(inventor)

E. Steinbach

Dated this 14 day of March, 2011;