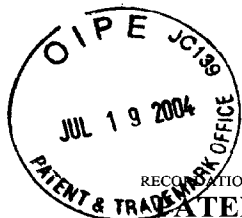


Atty Docket No.: 248448US2

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Name: MITSUBISHI DENKI KABUSHIKI KAISHA

Address: 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310,
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10/787,114

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PATENT
REEL: 015579 FRAME: 0167

8962
17C 02-017

Assignment of Application

RIGHT NAMES
RESIDENCE
ADDRESS OF
INVENTORS:

WHEREAS, I (WE) Arnaud GUEGUEN, Rennes Cedex 7, FRANCE

_____, respectively,

RIGHT TITLE OF
INVENTION:

have invented certain new and useful improvements in: METHOD AND DEVICE FOR EFFICIENT DECODING OF
SYMBOLS TRANSMITTED IN A MIMO TELECOMMUNICATION SYSTEM

RIGHT DATE
INVENTORS SIGNED
EXPIRATION:

For which an application for Letters Patent was executed on _____
(Application No. 10/787,114, filed February 27, 2004), and

RIGHT NAME
ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE") having a place of business at: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all
foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which
may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in
and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
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its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: 26-03. 2004

(Signature of Inventor)



Arnaud GUEGUEN

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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RECORDED: 07/19/2004

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