09-12-2000





Form-PTO-1595 TR CORDATION 101454478 1-31-92 Atty. Docket: 1807.1041 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): CANON KABUSHIKI KAISHA MOHAMED BRANECI, PATRICE NEZOU and PASCAL **ROUSSEAU** Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku Additional name(s) of conveying party(ies) attached? Yes X No Tokyo, Japan Nature of conveyance: 3. ηDomestic Address: _____ AUG 1 6 200 X Assignment Merger Security Agreement Change of Name City: _____ State ____ ZIP ____ Other __ Execution Date: May 11, 2000 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: ___ A. Patent Application Number: 09/546,686 B. Title of Invention: METHOD OF THE ARQ TYPE FOR A TRANSMISSION METHOD USING TURBOCODES, AND ASSOCIATED DEVICE Filing Date: April 11, 2000 X No Yes Additional numbers attached? 6. Number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: One Name: Fitzpatrick, Cella, Harper & Scinto 40.00 7. Total fee (37 CFR 3.41): . . \$_____ 30 Rockefeller Plaza X Enclosed Authorized to be charged to deposit account New York, New York 10112-3801 8. Deposit account number (for deficiency or excess) Telephone No.: (212) 218-2100 06-1205 (Attach duplicate copy of this page if paying by deposit Facsimile No.: (212) 218-2200 account): DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. JOSEPH W. RAGUSA Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 2 00000261 09546686 09/11/2000 MTHAI1 40.00 OP **01**y **FC4581**3854 v 1

> PATENT REEL: 011048 FRAME: 0234

ASSIGNMENT

FOR VALUE RECEIVED, WE

Mohamed BRANECI Patrice NEZOU Pascal ROUSSEAU

Citizens of AlgeriA France France

Residing, respectively, at 83, rue St Hélier, 35000 RENNES, France

RECORDED: 08/16/2000

3ter, avenue Jules Tricault, , 35170 BRUZ, France 13, rue Jean Malo Renault, 35000 RENNES, France

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of JAPAN

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JAPON

its successors, assigns and legal representatives (hereinaster called the «Assignee»), the entire right, title and interest, for the United States, in and to certain inventions relating to Method of the ARQ type for a transmission method using turbocodes, and associated device.

and described in an application for Letters Patent of the United States filed on April 11, 2000 under N° 09/546686

And in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Assistant Commissioner of Patents of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrisal Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this	11 day of Nay, 20 00
Witness:	Assignors:
Maine PACHUN	Mohamed BRANEU
	Patrice NEZOU
	Percal ROUSSEAU

PATENT REEL: 011048 FRAME: 0235