

03-22-1999

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Form-PTO-1595  
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TRANSMISSION

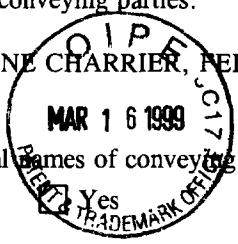
ATTENTION

100989445

Atty. Docket: 1807.0743

To the Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof.

<p>1. Name of conveying parties:</p> <p>MARYLINE CHARRIER, FELIX HENRY and PATRICE ONNO</p> <p>Additional names of conveying parties attached?  <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Name: <u>CANON KABUSHIKI KAISHA</u></p> <p>Foreign Address: <u>30-2, 3-chome, Shimomaruko, Ohta-ku</u>  <u>Tokyo, Japan</u></p>
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<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>February 12, 1999</u></p>	<p>Domestic Address: _____</p> <p>City: _____ State _____ ZIP _____</p> <p>Additional names &amp; addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. 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: _____</p> <p>A. Patent Application Number: <u>09/232,215</u>          Filing Date: <u>January 19, 1999</u></p> <p>B. Title of Invention:  <u>DIGITAL SIGNAL CODING AND DECODING</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Fitzpatrick, Cella, Harper &amp; Scinto</u>  <u>277 Park Avenue</u>  <u>New York, New York 10172-0194</u></p> <p>Telephone No.: <u>(212) 758-2400</u></p> <p>Facsimile No.: <u>(212) 758-2982</u></p>	<p>6. Number of applications and patents involved:  <u>One</u></p> <p>7. Total fee (37 CFR 3.41): . . . \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number (for deficiency or excess)  <u>06-1205</u>          (Attach duplicate copy of this page if paying by deposit account):</p>
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9. 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.*

Abigail F. Cousins Abigail Cousins March 15, 1999  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

**ASSIGNMENT**

FOR VALUE RECEIVED, WE **Maryline CHARRIER, Félix HENRY et Patrice ONNO**

citizens of **France**

residing, respectively, at **39, square de la Rance, 35000 RENNES, FRANCE.**  
**4, square Albert Gorgiard, 35700 RENNES, FRANCE.**  
**60 avenue du Sergent Maginot, 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, JAPAN.**

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to **Digital signal coding and decoding**

and described in an application for Letters Patent of the United States N° 09/232215 by us on January 19, 1999

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 Industrial 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 12 day of 02, 1999

Witness:

*Cecilia [Signature]*

Assignors:

Maryline CHARRIER L.S.

FELIX HENRY L.S.

Patrice ONNO L.S.

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(Joint Inventors) (2/13/92)  
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