

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Yoshiyuki HIRAI		12/12/2002
RECEIVING PARTY DATA		
Name:	Canon Kabushiki Kaisha	
Street Address:	3-30-2, Shimomaruko, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	10262593	
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NAME OF SUBMITTER:	LeAnn Eroee	
Total Attachments: 1 source=CANO-056-ASSIGN#page1.tif		

CH \$40.00 10262593

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I, Yoshiyuki HIRAI

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

a corporation of Japan

having a place of business at

3-30-2, Shimomaruko, 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

COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMMUNICATION SYSTEM,  
PROGRAM, AND STORAGE MEDIUM

and described in an application for Letters Patent of the United States filed by me on September 30, 2002 and which has been accorded Application No. 10/262,593 and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND I 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, 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 me.

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

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all 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.

By: Yoshiyuki HIRAI  
Yoshiyuki HIRAI

Date: December 12, 2002