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ocket No. <u>SNY-R4646.03</u>

	To the Assistant Commissioner for Patents. Please record the attached original documents or copies thereof.
	1. Name of conveying party(les): Brant L. Candelore, Robert Allan Unger, Leo M. Pedlow, Gregory Mirsky and Mark Kenneth Eyer
	 Name and address of receiving party(ies): Sony Corporation, a Japanese corporation, 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and
	Sony Electronics Inc. a Delaware corporation, 1 Sony Drive, Park Ridge, New Jersey 07656
	3. Nature of Conveyance:
	[X] Assignment [] Security Agreement [] Merger
	[] Change of Name [] Other
	Function Pate: 4/24/2002, 4/22/2002, 4/24/2002, 5/0/2002, and 5/10/2002
	Execution Date: 4/24/2002, 4/23/2002, 4/24/2002, 5/9/2002 and 5/10/2002
	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:
	A. Patent application numbers: 10/037,914
	B. Patent numbers:
	5. Name and address of party to whom correspondence concerning document should be mailed:
	Jerry A. Miller
	Miller Patent Services
	2500 Dockery Lane
	Raleigh, NC 27606
	Phone 919-816-9981 Fax 919-816-9982
	6. Total number of applications and patents involved: <u>1</u>
	7. Total fee (37 CFR 3.41): \$ 40.00
	[] Enclosed
	[X] Charge to Credit Card. See enclosed credit card authorization.
	Authorized to charge to deposit account.
	[X] Charge any additional fees required to deposit account.
	8. Deposit Account Number: 50-1267_
	9. Statement and signature:
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
	is a true copy of the original document.
	/
	100 A ABINE Dec No 20 770 10/14/12
	Jerry A. Miller, Reg. No. 30,779 Name of Person Signing Signature Date
	Total number of pages including cover sheet: <u>10</u>
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Assignment Cover Sheet

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in Elementary Stream Partial Encryption for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 10/037,914 , Filing Date: 1/2/2002

On this day of , in the year of , before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public

SEAL

Robert Allan Unger
ame of inventor
El Cajon, CA esidence of inventor
ignature of inventor Date of this assignment
TATE OF
On this day of, in the year of, before me, the undersigned notary public, personally appeared the above-named seignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and sknowledged execution of this instrument.
otary Public SEAL
Leo M. Pedlow, Jr. ame of inventor
Ramona, CA
esidence of inventor
ignature of inventor Date of this assignment
TATE OF
On this day of , in the year of , before me, the undersigned notary public, personally appeared the above-named signors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and sknowledged execution of this instrument.
otary Public SEAL
Gregory Mirsky ame of inventor
Palo Alto, CA esidence of inventor
ignature of inventor Date of this assignment
TATE OF
On this day of, in the year of, before me, the undersigned notary public, personally appeared the above-named ssignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and eknowledged execution of this instrument.
cknowledged execution of this instrument. SEAL

Sony Assignment

PATENT REEL: 012931 FRAME: 0753

Mark Kenneth Eyer	
Name of inventor	
Woodinville, WA	
Residence of inventor	
	Date of this assignment
Signature of inventor	
STATE OF	
COUNTY OF	
hofere me the undersigned	notary public personally appeared the above-named
On this day of, in the year of, before me, the undersigned assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person wacknowledged execution of this instrument.	hose name is subscribed to the within instrument, and
acknowledged execution of this instrument.	
	SEAL
Notary Public	

Docket No. SNY-R4646.03

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in <u>Elementary Stream Partial Encryption</u> for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

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And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 10/037,914 , Filing Date: 1/2/2002 .

This assignment executed on the dates indicated below.

Brant L. Candelore

This assignment executed on the dates indicated below.	
Brant L. Candelore Name of inventor	
Escondido, CA	
Residence of inventor	
Signature of inventor	Date of this assignment
STATE OF	
On this day of , in the year of , before me, the u assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the acknowledged execution of this instrument.	ndersigned notary public, personally appeared the above-named appeared the above-named person whose name is subscribed to the within instrument, and
	SEAL

Notary Fublic

Sony Assignment

PATENT REEL: 012931 FRAME: 0755

Robert Allan Unger Name of Inventor	
El Cajon, CA Residence of inventor	
Signature of inventor	Date of this assignment
STATE OF	
On this day of assignors, known to me (or proved to acknowledged execution of this instru	in the year of , before me, the undersigned notary public, personally appeared the above-named ment. The passe of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and
Netary Public	SEAL
leo M. Pedlow Ic	
Leo M. Pedlow, Jr. Name of inventor Ramona, CA Residence of Inventor	
Signature of inventor	Date of this assignment
STATE OFCOUNTY OF) ss.)
On this day of assignors, known to me (or proved to a acknowledged execution of this instrun	, in the year of, before me, the undersigned notary public, personally appeared the above-named nent. The property of satisfactory evidence to be the person whose name is subscribed to the within instrument, and nent.
Notary Public	SEAL
Name of inventor	
Palo Alto, CA Residence of inventor Signature of inventor	Date of this assignment
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COUNTY OF	S.
On this day of issignors, known to me (or proved to me icknowledged execution of this instrument of the instrument of th	, in the year of, before me, the undersigned notary public, personally appeared the above named a on the basis of satisfactory evidence) to be the person whose risine is subscribed to the within instrument, and ent.
lotary Public	SEAL.

Mark Kenneth Eyer Name of inventor	
Woodinville, WA Residence of inventor	
Signature of inventor	Date of this assignment
STATE OF	
On this day of in the year of assignors, known to me (or proved to me on the basis of satisfactory evidence) to acknowledged execution of this instrument.	ne undersigned notary public, personally appeared the above-named be the person whose name is subscribed to the within instrument, and
Notary Public	SEAL

Sony Assignment

PATENT REEL: 012931 FRAME: 0757

Docket No. SNY-R4646.03

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (If only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in Elementary Stream Partial Encryption for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

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NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below. by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto:

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date of this application in the spaces that follow: Serial Number: 10/037,914 , Filing Da	ate; <u>1/2/2002</u> .
This assignment executed on the dates indicated below.	
Brant L. Candelore	
Name of inventor	
Escondido, CA	
Residence of inventor	
Signature of inventor	Date of this assignment
STATE OF	
On this day of , in the year of , before me, the undersigned notary public, per assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subsectionally acknowledged execution of this instrument.	rsonally appeared the above-named cribed to the within instrument, and
Notary Public	SEAL

Robert Alian Unger Name of inventor
El Cajon, CA Residence of inventor
Signature of inventor Date of this assignment
STATE OF
On this day of, in the year of, before me, the undersigned notary public, personally appeared the above-name
On this day of in the year of before me, the undersigned notary public, personally appeared the above-name assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, an acknowledged execution of this instrument.
Notary Public SEA
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Leo M. Pedlow, Jr.
Name of inventor
Ramona, CA Residence of inventor
Signature of inventor Date of this assignment
Signature of inventor Date of this assignmen
STATE OF}
COUNTY OF
On this day of in the year of before me, the undersigned notary public, personally appeared the above-name assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, an acknowledged execution of this instrument.
acknowledged execution of this instrument.
Notary Public SEA
Gregory Mirsky Name of inventor
Palo Alto, CA Residence of inventor
Signature of inventor Date of this assignmen
Date of this assignment
STATE OF
COUNTY OF
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Notary Public SEAL

Mark Kenneth Eyer Name of inventor	
Woodinville, WA Residence of inventor	5/00/02
Signature of inventor	Date of this assignment
STATE OF	
On this day of in the year of before me, the una assignore, known to me (or proved to me on the basis of satisfactory evidence) to be the acknowledged execution of this instrument.	dersigned notary public, personally appeared the above-named person whose name is subscribed to the within instrument, and
Notary Public	SEAL