Page 1 of 2



ronn	REC 101	1612391 U.S. Department of Commerce
Doc	ket No. 20381-0017(50P3907) PAIENIS	SUNLY
	To the Hon. Commissioner of Patents & Trademarks: Plea	ase record the attached original documents or copy thereof.
1.	Name of conveying party(ies): Klaus Hofrichter Joseph Alexander Dara-Abrams David Gabriel Gaxiola	Name and address of receiving party(ies): Name: Sony Corporation
	Additional name of conveying party attached? ☐ Yes ☑ No	Internal Address: 7-35 Kitashinagawa 6-Chome
3.	Nature of conveyance:	Shinagawa-Ku
	☑ Assignment ☐ Merger	7054.
	☐ Security Agreement ☐ Change of Name	City: Tokyo State: Japan ZIP:
	□ Other:	Additional name(s) and address(es) attached? ☑ Yes ☐ No
Exe	cution Date: October 19, 2000	<u></u>
4.	Application number(s) or patent numbers: If this document is being filed together with a new application,	09 705 418 the execution date of the application is: August 16, 2000
	A. Patent Application No.(s)	B. Patent No.(s)
5. docu	Additional numbers atta Name and address party to whom correspondence concerning ament should be mailed: Name: Claude A. S. Hamrick Internal Address: Street Address: 1400 Page Mill Avenue City: Palo Alto State: California ZIP: 94304-1204	patents involved:
	DO NOT LISE	8. Deposit Account number: 02-3964 (Attach duplicate copy of this page if paying by deposit account)
9.	Statement and signature.	IIIIS STACE
	To the best of my knowledge and belief, the foregoing information original document. Justin Boyce Name of Person Signing Signate	
07/20	1 otal number of pages pictuding of pages pictuding	cover sheet, attachments, and document: _4_
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NAME AND ADDRESS OF ADDITIONAL ASSIGNEE(S)

Name and address of receiving party(ies):							
Name: Sony Electronics Inc.							
Internal Address:				-			
Street Address:	1 Sony Drive			_			
City: Park Ridge	State: New Jersey	ZIP:	07656	_			

SV/111042.01 11022000/13:10/20381.17

PATENT REEL: 011502 FRAME: 0588

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 "REMOTE MANUAL, MAINTENANCE, AND DIAGNOSTIC SERVICES FOR NETWORKED ELECTRONIC DEVICES" 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 ap	
filing date of this application in the spaces that follow: Serial Number:	, Filing Date:
This assignment executed on the dates indicated below.	
-	10/19/2000
Klaus Hofrichter	
Name of first inventor	Execution date of U.S. Patent Application
470 Oak Grove Drive, #305, Santa Clara, CA 95054	
Residence of first or/sole inventor	
Willes Herch	10/19/2000
Signature of first or sole inventor	Date of this assignment
STATE OF <u>CALIFORNIA</u>)	
COUNTY OF SANTA CLARA) ss.	
\sim	

On this 19 day of the day of the

ELENA M. HERNANDEZ
Commission # 1232309
Notary Public - California
Sarita Clara County
My Comm. Broires Aug 15, 2003

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ASSIGN-NOTARY-SEL 09/25/97

Joseph Alexander Dara-Abrams	10/19/2000
Joseph Alexander Dara-Abrams Name of second inventor	Execution date of U.S. Patent Application
961 Andover Way, Los Altos, California 94024 Residence of second inventor	
mal Duander Oper Totan	10/19/2000
Signature of second inventor	Date of this assignment
STATE OF <u>CALIFORNIA</u>	
COUNTY OF SANTA CLARA) ss.	
On this 9 day of Atches, in the year of of before me, the undersigned notary published to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within	ic, personally appeared the above-named assignors, known to in instrument, and acknowledged execution of this instrument
Notary Public ELENA M. HERNANDEZ Commission # 1232309 Notary Public - Colifornia Santa Coer County My Coent by the Aug 15, 2003	
David Gabriel Gaxiola Name of third inventor	10/19/00
	Execution date of U.S. Patent Application
2480 Prunetree Court, San Jose, California 95121 Residence of third inventor	
D. IMB. M.	10/19/00
Signature of third inventor	Date of this assignment
STATE OF <u>CALIFORNIA</u> ss.	
COUNTY OF SANTA CLARA	
On this of day of catobus, in the year of the person whose name is subscribed to the within	c, 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	n instrument, and acknowledged execution of this instrument.
Clara Mt. Hernands	
Notary Public See No. M. HERNANDE See No. M. HERNANDE See No. M. HERNANDE	
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Santa Clara Comby	am
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RECORDED: 11/02/2000