phq 98,023 U.S. Dept. of Commerce Form PTO 1595 101356867 (Rev. 6-93) Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): JOSEPHUS A.H.M. KAHLMAN KORNELIS A. SCHOUHAMER IMMINK GIJSBERT J. VAN DEN ENDEN Name: U.S. PHILIPS CORPORATION TOSHIYUKI NAKAGAWA YOSHIHIDE SHINPUKU Internal Address: _ TATSUYA NARAHARA KOSUKE NAKAMURA Additional name(s) of conveying party(ies) attached? Street Address: 1251 Avenue of the Americas 3. Nature of conveyance: City: New York State: NY Zig: 10020-1104 Х Assignment Merger Additional name(s) & address(es) attached? \vee Yes Change of Terms Security Agreement Other Execution Date: 10/28/99, 11/25/99, 11/30/99 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, A. Patent Application No.(s) B. Patent No.(s) 09/320,812 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: U.S. Philips Corp. 7. Total fee (37 CFR 3.41) ...\$40.00 Internal Address: _ Enclosed Authorized to Deposit Account Street Address: 580 White Plains Road 8. Deposit Account Number: 14-1270 City: Tarrytown State: NY Zip: 10591 (Attach duplicate copy of this page paying 05/12/2000 DNGUYEN 00000214 141270 09320812 by deposit account) 01 FC:581 40.00 CH DO NOT USE THIS SPACE

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached

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9. Statement and signature.

MICHAEL E. BELK, REG. 33,357 Name of Person Signing

copy is a true copy of the original document.

PLEASE ADD TO ASSIGNEES:

<u>SONY CORPORATION</u>- existing under the laws of the Republic of Japan, whose business address is 6-7-35 Mitashinagawa, Kitashinagawa-ku, Tokyo, 141, Japan.

mt13bej0.sw0

PATENT REEL: 010793 FRAME: 0441 For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. Philips Corporation (hereinafter "Assignee") a corporation existing under the laws of the State of Delaware, whose business address is 1251 Avenue of the Americas, New York, NY 10020-1104, and Sony Corporation (hereinafter "Assignee") a corporation existing under the laws of the Republic of Japan, whose business address is 6-7-35 Kitashinagawa, kitashinagawa-ku, Tokyo, 141, Japan its successors and assigns, the application for a United States Patent for the improvements in a

"Modulation apparatus/method, demodulation apparatus/method and program presenting medium" invented by us, which application:

is executed concurrently herewith
was executed by me/us on
☑ is Serial No09/320812 filedMay 27th., 1999
is International Application No

and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

(sign name here) Assignor 1999-10-28 (print name here) Date kovelis A. Sedre bu chin's Assignor 21/11/99 Date (sign name here) Kornelis A. SCHOUHAMER IMMINK (print name here) (sign name here) Assignor

Sud English

Dert J. VAN DEN ENDEI (print name here)

July 30, 1999 Date	(sign name here)	Toshiyulei Nakagawa Toshiyuki NAKAGAWA	, Assignor
July 30. 1999 Date	(sign name here) (print name here)	Yoshihide Shimpuku	, Assignor
Ungust 11, 1999 Date	(sign name here)	Tatsuya NARAHARA	, Assignor
(lugust 3 - 1949 Date	(print name here)	Kosuke Rakamura KosukeNAKAMURA	, Assignor

PATENT REEL: 010793 FRAME: 0443

RECORDED: 04/25/2000