To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):
   Franklin Servan-Schreiber

Additional name(s) of conveying party(ies) attached? □ Yes ☒ No

   - Assignment
   - Merger
   - Security Agreement
   - Change of Name
   - Other

Execution Date: 3/29/99

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 is:

   A. Patent Application No.(s)
      09/217,671

   Additional numbers attached? □ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Maria McCormack Sobrino
   Blakely, Sokoloff, Blakely, Sokoloff, Taylor & Zafman LLP
   Street Address: 12400 Wilshire Blvd
   Seventh Floor
   City: Los Angeles
   State: CA
   ZIP: 90025
   05/20/1999 JSHABAZZ 00000071 09217671

6. Total number of applications and patents involved:
   1

7. Total fee (37 CFR 3.41)...
   $ 40.00
   Enclosed
   Authorized to be charged to deposit account

8. Deposit account number:
   02-2666
   (Attach duplicate copy of this page if paying by deposit account)

   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.
   Maria McCormack Sobrino
   Reg. # 31,639

   Name of Person Signing
   Signature
   Date

Total number of pages comprising cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignment
Washington, D.C. 20231
Sony Electronics, Inc.
1 Sony Drive
Park Ridge, NJ 07656
ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged,  We, ____________________________________________________________________________ the undersigned, __ Andrew M. Proehl, Franklin Servan-Schreiber, Anne Kim ____________________________________________________________________________,

hereby sell, assign, and transfer to __Sony Corporation__________________________
a corporation of __Japan______________, having a principal place of business at 6-7-35 Kitashingawa, Shinagawa-ku, Tokyo, 141 Japan ______; and __Sony Electronics, Inc.__________________________ a corporation of __Delaware__________, having a principal place of business at 1 Sony Drive, Park Ridge, New Jersey 07656 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed __December 21, 1998__ and assigned Application No. __09/217,671__ and is entitled __A Method and Apparatus for Displaying an Electronic Program Guide__ and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights
and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

_______, 19__
Date

_______, 19__
Name: Andrew M. Proehl

04/19, 1999
Date

_______, 19__
Name: Franklin Servan-Schreiber

_______, 19__
Name: Anne Kim

_______, 19__
Name:

State of: ________________} Assignment Document Return Address:
} SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LLP
County of: ________________} 12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8598

On this _____ day of ______________ 19______, before me, __________________, the undersigned Notary Public, personally appeared ____________________________

[ ] personally known to me [ ] proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ________ subscribed to the within instrument, and acknowledged that ________ executed it.

WITNESS my hand and official seal.

__________________________
Notary's Signature

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Rev. 10/01/96 (A1)

RECORDED: 05/14/1999

PATENT
REEL: 009957 FRAME: 0882