

11-30-1998

PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

100907470

To the Honorable Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof

1. Name of the conveying party(ies)

Soon Ko  
15857 Sunnyfield Place, San Diego, CA 92127Hiroshi Shirakawa  
7595 Charmant Dr. #705, San Diego, CA 92122

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s) November 10, 1998

2. Name and address of the receiving party(ies):

SONY CORPORATION  
7-35 Kitashinagawa, 6-chome,  
Shinagawa-Ku, Tokyo, JapanSONY ELECTRONICS INC.  
1 Sony Drive  
Park Ridge, New Jersey 09656Additional Names(s) and Address(es) Attached  
☐ Yes ☒ Nojc549 U.S. PTO  
09/192802  
11/16/98

4. Application Number(s) or Patent Number(s) Attorney docket no.: 21650.00800

If this document is being filed together with a new application, the execution date of the application is: August 20, 1998

A. Patent Application No(s).

{new}

B. Patent No(s).

Additional Numbers Attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence should be mailed:

Philip M. Shaw, Jr.  
CROSBY, HEAFEY, ROACH & MAY  
4 Embarcadero Ctr., Ste. 1900, P.O. Box 7936  
San Francisco, California 94120-7936  
(415) 543-8700 (telephone) // (415) 391-8269 (fax)

DIRECT DIAL: (415) 659-5904

6. Total number of Applications and Patents involved 17. Total Fee (37 CFR § 3.41) . . . . . \$ 40.00☒ Enclosed ☐ Previously Paid☐ Authorized to be charged to Deposit Account8. Deposit Account No. 03-3821. **Please reference Attorney Docket No. 21650.01600**

(Attached duplicate copy if paying by Deposit Account)

DO NOT USE THIS SPACE

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.*

Rebecca M. Klits

Name of Person Signing

Signature

November 16, 1998

Dated

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

Mail documents to be recorded with required cover sheet information to:

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PATENT  
REEL: 9601 FRAME: 0775

# ASSIGNMENT

**WHEREAS, I**, as a below named inventor, residing at the address stated next to my name, am a joint inventor of certain new and useful improvements in Method And Apparatus For Entering Hangul (Korean) Characters 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 09656 (hereinafter referenced as ASSIGNEES) are 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 joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, their 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 to or 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 their designee, as ASSIGNEES or their 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 their own expense;

And I further agree that ASSIGNEES will, upon their 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 the attorneys of record in this application to insert the application number and filing date of this application in the spaces that follow: Application Number , Filing Date .

This assignment executed on the dates indicated below.


Soon Ko

Name of first inventor

Execution date of U.S. Patent Application

15857 Sunnyfield Place, San Diego, CA 92127

Residence of first sole inventor

  
Signature of first or sole inventor

11/10/98

Date of this Assignment

STATE OF California )

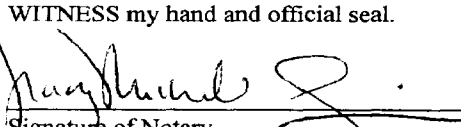
COUNTY OF SAN DIEGO ) ss.

On NOV 10, 1998 before me, TRACY MICHELE SASSON,

personally appeared Soon Ko personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies); and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

  
Signature of Notary

Hiroshi Shirakawa

Name of second inventor

Execution date of U.S. Patent Application

7595 Charmant Dr. #705, San Diego, CA 92122

Residence of second inventor

Hiroshi Shirakawa11/10/98

Signature of second inventor

STATE OF California )COUNTY OF SAN DIEGO )

ss.

On NOV 10, 1998 before me, TRACY MICHELLE SISSON,

personally appeared Hiroshi Shirakawa personally known to me or proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~(s)~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

[Signature]  
Signature of Notary

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of CALIFORNIA

County of SAN DIEGO

On Nov 10, 1998 before me, TRACY MICHELLE SISSON  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Soon Ko and Hiroshi Shirakawa  
Name(s) of Signer(s)

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Tracy Michelle Sisson  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

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Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
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