

12-20-2002



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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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12/16/02

Case Docket No. 50S5248.01/1636

TO THE HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS:
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF

1. Name of conveying party: <p style="text-align: center;">Rehan A. Zakai</p> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Sony Corporation Internal Address: Street Address: 6-7-35 Kitashinagawa 6-Chome, Shinagawa-Ku City: Tokyo State: ZIP: 141-0001 Country: Japan Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: December 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: <p style="text-align: center;">December 10, 2002</p>
A. Patent Application No(s).: <p style="text-align: center;">10/320050</p> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gregory J. Koerner Simon & Koerner, LLP Street Address: 10052 Pasadena Avenue, Suite B City: Cupertino State: CA ZIP: 95014 12/16/2002 MAHRED1 00000043 10320050	6. Number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-1443 (Attach duplicate copy of this page 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. <div style="display: flex; justify-content: space-between;"> <div> Gregory J. Koerner, Reg. No. 38,519 Name of Person Signing </div> <div style="text-align: center;"> Signature </div> <div style="text-align: right;"> 12/16/02 Date </div> </div> <p style="text-align: right;">Total number of pages including cover sheet, attachments and document: [4]</p>	

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Box Assignment

Commissioner of Patents and Trademarks
Washington, D.C. 20231PATENT
REEL: 013585 FRAME: 0467

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, **Rehan A. Zakai**, does hereby sell, assign, and transfer to **Sony Corporation**, a Japanese corporation with offices at 6-7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, 141-0001, Japan, and to **Sony Electronics Inc.**, a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 ("Assignees"), their 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 which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled:

**"System And Method For Effectively Implementing
An Active Termination Circuit In An Electronic Device"**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which 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 which 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; and

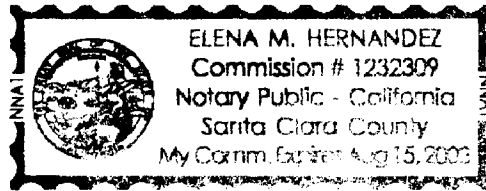
Agree that said Assignees may apply for and receive Letters Patent for said improvements in their own names; and that, when requested, without charge to, but at the expense of, said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this 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 Assignees, their successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding 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 Assignees, their successors, assigns and legal representatives; and

Covenant with said Assignees, their 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.

Date: Dec 10, 2002

Name: Rehan A. Zakai
Rehan A. Zakai

STATE OF California)
COUNTY OF Santa Clara) SS.



On this 10 day of December, in the year of 2002, before me, Elena M. Hernandez, Notary Public, personally appeared the above-named assignor, personally 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 to me that he/~~she~~/they executed the same in (his/~~her~~/their authorized capacity(ies)), and that 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.