

12-04-1998



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FORM PTO-1595

Docket No. 29991/LTR/G207

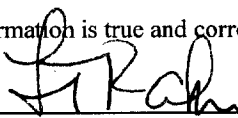
RECORDATION FORM COVER SHEET  
PATENTS ONLY

11-24-98

Box Assignment  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<p>1. Name of conveying party(ies): <b>Daniel S. Kwoh</b></p> <p>Additional name(s) of conveying party(ies) attached: No</p>	<p>2. Name and address of receiving party(ies): Name: <b>Gemstar Development Corporation</b> Street Address: <b>135 North Los Robles Avenue, Suite 870 Pasadena, California 91101</b></p> <p>Additional name(s) &amp; address(es) attached? No</p>		
<p>3. Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: <b>November 17, 1998</b></p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="0"> <tr> <td data-bbox="89 1045 727 1234"> <p>A. Patent Application No.(s) 09/029,013</p> </td> <td data-bbox="732 1045 1529 1234"> <p>B. Patent No.(s)</p> </td> </tr> </table> <p>Additional numbers attached? No</p>		<p>A. Patent Application No.(s) 09/029,013</p>	<p>B. Patent No.(s)</p>
<p>A. Patent Application No.(s) 09/029,013</p>	<p>B. Patent No.(s)</p>		
<p>5. Please return the recorded document and address all correspondence to:</p> <p><b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: <b>LeRoy T. Rahn</b></p>	<p>6. Total number of applications and patents involved..... <span style="border: 1px solid black; padding: 2px;">1</span></p> <p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41):      \$ <b>40.00</b></p> <p>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to <b>Deposit Account No. 03-1728</b>, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>		
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>			
<p>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.</p> <p>Date: November 20, 1998</p> <p>By <u></u> Name: <b>LeRoy T. Rahn</b> 626/795-9900; 213/681-1800</p> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and document: <span style="border: 1px solid black; padding: 2px;">3</span></p>			

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01 FC:581 40.00 OP

## ASSIGNMENT

WHEREAS, I, **Daniel S. Kwoh**, residing at 3975 Hampstead Road, La Canada-Flintridge, California 91011, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **METHOD AND APPARATUS FOR DISPLAYING TEXTUAL OR GRAPHIC DATA ON THE SCREEN OF TELEVISION RECEIVERS**, mailed February 10, 1998, Application No. 09/029,013, and based on PCT/US96/18236 filed November 13, 1996.

AND WHEREAS, **GEMSTAR DEVELOPMENT CORPORATION**, a **State of California** corporation, having a place of business at 135 North Los Robles Avenue, Suite 870, Pasadena, California 91101 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

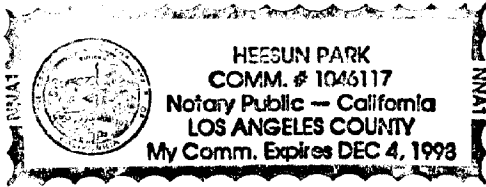
AND I HEREBY further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17th day of November, 1998.

Daniel S. Kwoh  
Daniel S. Kwoh

STATE OF California  
COUNTY OF Los Angeles

On 11/17/98, before me HEESUN PARK, Notary Public,  
personally appeared Daniel S. Kwoh 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 executed the same in his authorized  
capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.



WITNESS my hand and official seal.

Heesun Park  
Signature of Notary

LTR/tmw  
TMW PAS159639.1--11/12/98 1:35 pm