

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Prevue Networks, Inc.</td> <td>08/31/1998</td> </tr> </tbody> </table>		Name	Execution Date	Prevue Networks, Inc.	08/31/1998						
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<table border="1"> <tr> <td>Name:</td> <td>Prevue International, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7140 South Lewis Avenue</td> </tr> <tr> <td>City:</td> <td>Tulsa</td> </tr> <tr> <td>State/Country:</td> <td>OKLAHOMA</td> </tr> <tr> <td>Postal Code:</td> <td>74136</td> </tr> </table>		Name:	Prevue International, Inc.	Street Address:	7140 South Lewis Avenue	City:	Tulsa	State/Country:	OKLAHOMA	Postal Code:	74136
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CORRESPONDENCE DATA											
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Signature:	/Joanne Ryan/										

CH \$160.00 7624410

Date:

08/05/2013

**Total Attachments: 3**

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A S S I G N M E N T

WHEREAS, Michael D. Ellis and Robert A. Knee, respectively residing at 1300 Kingwood Place, Boulder, Colorado 80304 and 747 Grissom Drive, Lansdale, Pennsylvania 19446, have made an invention in:

## PROGRAM GUIDE APPLICATION INTERFACE SYSTEM

and have made application for United States Letters Patent therefor, the same having been executed by said Ellis on August 26, 1998 and by said Knee on August 25, 1998; and

WHEREAS, Prevue Networks, Inc., a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at 7140 South Lewis Avenue, Tulsa, Oklahoma 74136-5422, is the assignee, by virtue of an assignment executed by said Ellis on August 26, 1998 and by said Knee on August 25, 1998 of the entire right, title and interest in and to said invention, said United States patent application, and any Letters Patent which may issue thereon and on any continuations or divisions thereof, any counterpart patent applications in foreign countries, and any counterpart Patents which may issue thereon in foreign countries; and

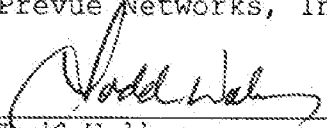
WHEREAS, PREVUE INTERNATIONAL, INC., having an office and place of business at 7140 South Lewis Avenue, Tulsa, Oklahoma 74136-5422 is desirous of acquiring the entire interest of said Prevue Networks, Inc. in and to said counterpart patent applications in foreign countries, and said counterpart Patents which may issue thereon in foreign countries;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to it paid, and other good and valuable consideration, the receipt of and sufficiency of which is hereby acknowledged, Prevue Networks, Inc. does hereby sell, assign and transfer unto the said PREVUE INTERNATIONAL, INC., its successors, assigns and legal representatives, all right, title and interest of said Prevue Networks, Inc. in and to every patent application filed or to be filed on said invention in any foreign country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same, including the right to claim priority under the International Convention based on said United States patent application; and it hereby authorizes and requests competent authorities to grant and issue any and all patents which may issue on any and all applications filed or to be filed on said invention in any foreign country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, to said PREVUE INTERNATIONAL, INC. as the assignee of the entire interest therein; and it further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, I have hereunto signed  
my name and affixed my seal on the date indicated hereinafter.

Prevue Networks, Inc.

7-31-98  
Date

  
\_\_\_\_\_  
Todd Walker  
Vice President Finance and  
Administration