PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
CONNIE T. MARSHALL	04/08/1994
THOMAS R. LEMMONS	04/08/1994
DONALD W. ALLISON	04/08/1994

RECEIVING PARTY DATA

Name:	PREVUE NETWORKS, INC.	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	09515997
Application Number:	10359034

CORRESPONDENCE DATA

Fax Number: (617)235-9492

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER: LISE ANN RUGGERI-KALIL SIGNATURE: /Lise Ann Ruggeri-Kalil/ DATE SIGNED: 07/02/2015	ATTORNEY DOCKET NUMBER:	003597-0002-105:106
	NAME OF SUBMITTER:	LISE ANN RUGGERI-KALIL
DATE SIGNED: 07/02/2015	SIGNATURE:	/Lise Ann Ruggeri-Kalil/
	DATE SIGNED:	07/02/2015

Total Attachments: 4

PATENT REEL: 035974 FRAME: 0543

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PATENT REEL: 035974 FRAME: 0544

ASSIGNMENT

WHEREAS, CONNIE T. MARSHALL, a citizen of the United States of America, residing at Muskogee, in the County of Muskogee, State of Oklahoma and THOMAS R. LEMMONS, a citizen of the United States of America, residing at Coweta, in the County of Wagoner, State of Oklahoma and DONALD W. ALLISON, a citizen of the United States of America, residing at Tulsa, in the County of Tulsa, State of Oklahoma (hereinafter called ASSIGNORS), have invented certain new and useful improvements in

INTERACTIVE SCROLL PROGRAM GUIDE

for which they have made application for Letters Patent of the United States, the said application having been executed on even date herewith; and

WHEREAS, ASSIGNORS, the said inventors, are now the exclusive owners of said application, the invention described and claimed therein, and all rights in, to and under the same; and

whereas, prevue networks, inc., a corporation created and existing under the laws of the State of Delaware, doing business in Tulsa, in the State of Oklahoma (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, the said inventors, have sold, assigned, transferred and set over and do hereby sell, assign, transfer and

PATENT REEL: 035974 FRAME: 0545 set over to the said ASSIGNEE, the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions, and any and all foreign countries which may be granted therefor, and any and all reissues of said Letters Patent, including the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted or reissued, as fully and entirely as same would have been held and enjoyed by ASSIGNORS, if this assignment and sale had not been made.

AND, ASSIGNORS hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention, or resulting from said application, and from any and all divisions and continuations thereof to the said ASSIGNEE, of the entire interest, and hereby covenant that they have full right to convey the entire interest therein assigned, and that they have not executed and will not execute any agreement in conflict therewith.

AND, ASSIGNORS further hereby covenant and agree that they will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, and to said

Letters Patent as may be granted therefor, in said ASSIGNEE, its successors, assigns, or other legal representatives, and that if said ASSIGNEE, its successors, assigns, or other representatives shall desire to file any divisional or continuation appliction, or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such application for reissue and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other representatives.

AND, ASSIGNORS do further covenant and agree, that they will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at its expense, such facts relating to said invention and Letters Patent or the history thereof, as may be known to them, and testify as to the same in any interference or other litigation, when requested to do so.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 8th day of April, 1994.

Canie T. Warshell
CONNIE T. MARSHALL

STATE OF OKLAHOMA

SS.

COUNTY OF TULSA

On this 8th day of April , 1994, before me personally appeared CONNIE T. MARSHALL, to me known to be the person described hereinabove who executed the foregoing Assignment, and who

purpose therein set forth. My Commission Expires: September 28, 1994 STATE OF OKLAHOMA SS. COUNTY OF TULSA On this 8th day of April , 1994, before me personally appeared THOMAS R. LEMMONS, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth. My Commission Expires: September 28, 1994 STATE OF OKLAHOMA SS. COUNTY OF TULSA On this 8th day of April , 1994, before me personally appeared DONALD W. ALLISON, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth. My Commission Expires: September 28, 1994

acknowledged to me that he executed the same for the reasons and

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