

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAIG H. KRAKIRIAN	12/15/2004
GEOFFREY Z. OMBAO	12/17/2004
JAMES A. BUMGARDNER	12/17/2004
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<b>City:</b>	BURBANK
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91506
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15810919
Application Number:	15810579
Application Number:	15810925
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<b>SIGNATURE:</b>	/Tracy W. Chu/
<b>DATE SIGNED:</b>	12/01/2017
<b>Total Attachments: 3</b>	

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**PATENT**

**REEL: 044277 FRAME: 0113**

**ASSIGNMENT OF APPLICATION AND PATENT**

WHEREAS, we, Haig H. Krakirian residing at 3410 Viewcrest Drive, Burbank, CA 91504, Geoffrey Z. Ombao residing at 11752 Bellagio Rd., #3, Los Angeles, CA 90049, and James A. Bumgardner residing at 10066 Orcas Avenue, Shadow Hills, CA 91040, have invented a certain new and useful SEARCH ENGINE FOR A VIDEO RECORDER, for which we have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office herewith and assigned Serial No. not yet known;

WHEREAS, Pioneer Digital Technologies, Inc., a Delaware Corporation duly organized and existing under and by virtue of the laws of the State of California, and having a place of business at 2210 W. Olive Avenue, 2<sup>nd</sup> Floor, Burbank, California 91506, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be had therefore;

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said Haig H. Krakirian, Geoffrey Z. Ombao, and James A. Bumgardner, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Pioneer Digital Technologies, Inc., the whole right, title, and interest in and to said SEARCH ENGINE FOR A VIDEO RECORDER and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid United

States patent application and related applications as prepared for and filed in any and all foreign countries, said whole right, title, and interest in and to said SEARCH ENGINE FOR A VIDEO RECORDER being the same for said Pioneer Digital Technologies, Inc.'s own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Pioneer Digital Technologies, Inc., its assigns, successors, and legal representatives, that we have full right to sell and assign the whole right, title, and interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee, Pioneer Digital Technologies, Inc., its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue or any other application derived from the aforesaid application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Pioneer Digital Technologies, Inc., as the assignee of our entire right and title therein.

  
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Haig H. Krakirian L.S.

Date: 12-15-04

  
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James A. Bumgardner L.S.

Date: 12-17-04

  
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Geoffrey Z. Ombao L.S.

Date: 12/17/04