

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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DISH NETWORK L.L.C., and SIRIUS XM RADIO INC.  
Petitioner,

v.

DRAGON INTELLECTUAL PROPERTY, LLC  
Patent Owner.

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Case IPR2015-00499<sup>1</sup>  
Patent 5,930,444

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Before NEIL T. POWELL, STACEY G. WHITE, J. JOHN LEE, *Administrative Patent Judges*.

WHITE, *Administrative Patent Judge*.

**PATENT OWNER'S NOTICE OF  
DEMONSTRATIVE EXHIBITS FOR ORAL ARGUMENT**

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<sup>1</sup> Case IPR2015-01735 has been joined with this proceeding.

Pursuant to the Board's Order Re Trial Hearing [Paper 31], Patent Owner submits its demonstrative exhibits for use at the February 9, 2016 oral argument.

Date: February 5, 2016



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Date: February 5, 2016

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***DISH Network L.L.C., and Sirius XM Radio Inc.***

Petitioner

v.

***Dragon Intellectual Property, LLC***

Patent Owner

U.S. Patent 5,930,444

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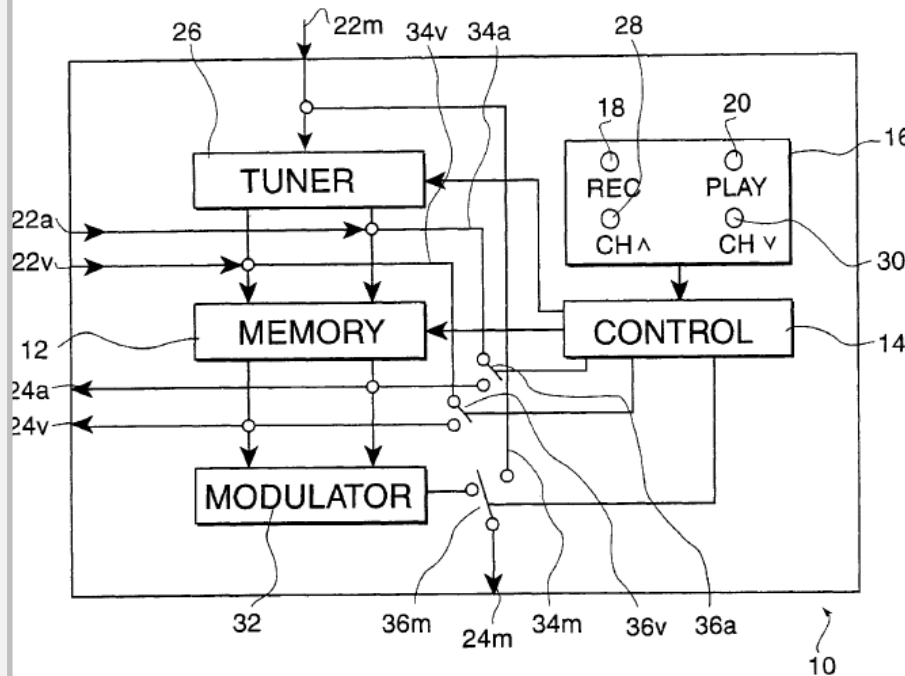
**Patent Owner's Demonstratives**

# U.S. Patent 5,930,444 (the “444 patent”)

**United States Patent** [19]  
Camhi et al.

[11] **Patent Number:** 5,930,444  
[45] **Date of Patent:** Jul. 27, 1999

## [54] **SIMULTANEOUS RECORDING AND PLAYBACK APPARATUS**



## [57] **ABSTRACT**

A keyboard equipped audiovisual recording and playback device is provided having an input and an output adapted for connection between a users signal source and display device, respectively, and a memory unit with a storage medium enabling random access to programming information stored therein. A keyboard responsive control circuit enables manipulation and transfer of programming information between the input, output and memory. Because of the relative high speed of the control circuitry and memory access, substantially simultaneous recording and playback of television type signals is achieved, thus enabling user controlled programming delay.

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