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**Dewing et al.**

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(54) **SYSTEM FOR SUPPORTING PRODUCTION, MANAGEMENT AND DELIVERY OF MEDIA CONTENT FOR WIRELESS DEVICES**

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(51) **Int. Cl.**  
**G06F 7/00** (2006.01)

(52) **U.S. Cl.** ..... **707/10; 707/1; 707/2**

(58) **Field of Classification Search** ..... **707/1-104.1**  
 See application file for complete search history.

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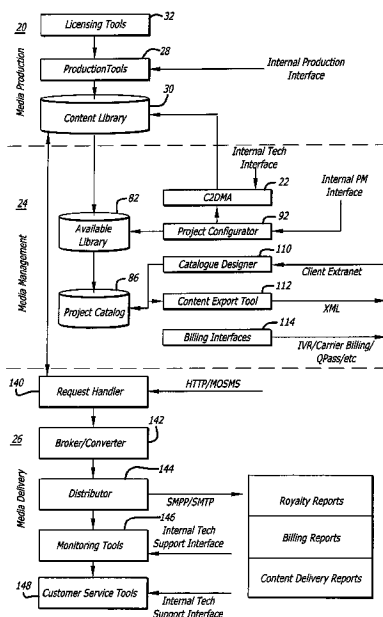
\* cited by examiner

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(57) **ABSTRACT**

In a system for providing media content to a communication device, a device capabilities determination is made by a rules engine that compares content attributes with constraints on those attributes for a device. Metadata describing the content is derived and entered into a database. As the specifications of different devices are entered into the system, corresponding constraints are associated with the devices that tell the engine the valid range of values for the content attributes. The engine creates an available content library for each class of devices by excluding all instances of content that have attributes outside the range of values prescribed in the constraints. A similar rule set determines whether the content can be distributed through a particular delivery channel, based on the distribution channel capacity to support a media type. The subset of content that passes both the device capabilities tests and the distribution capability tests is viable for delivery to a device over a particular distribution channel.

**63 Claims, 32 Drawing Sheets**



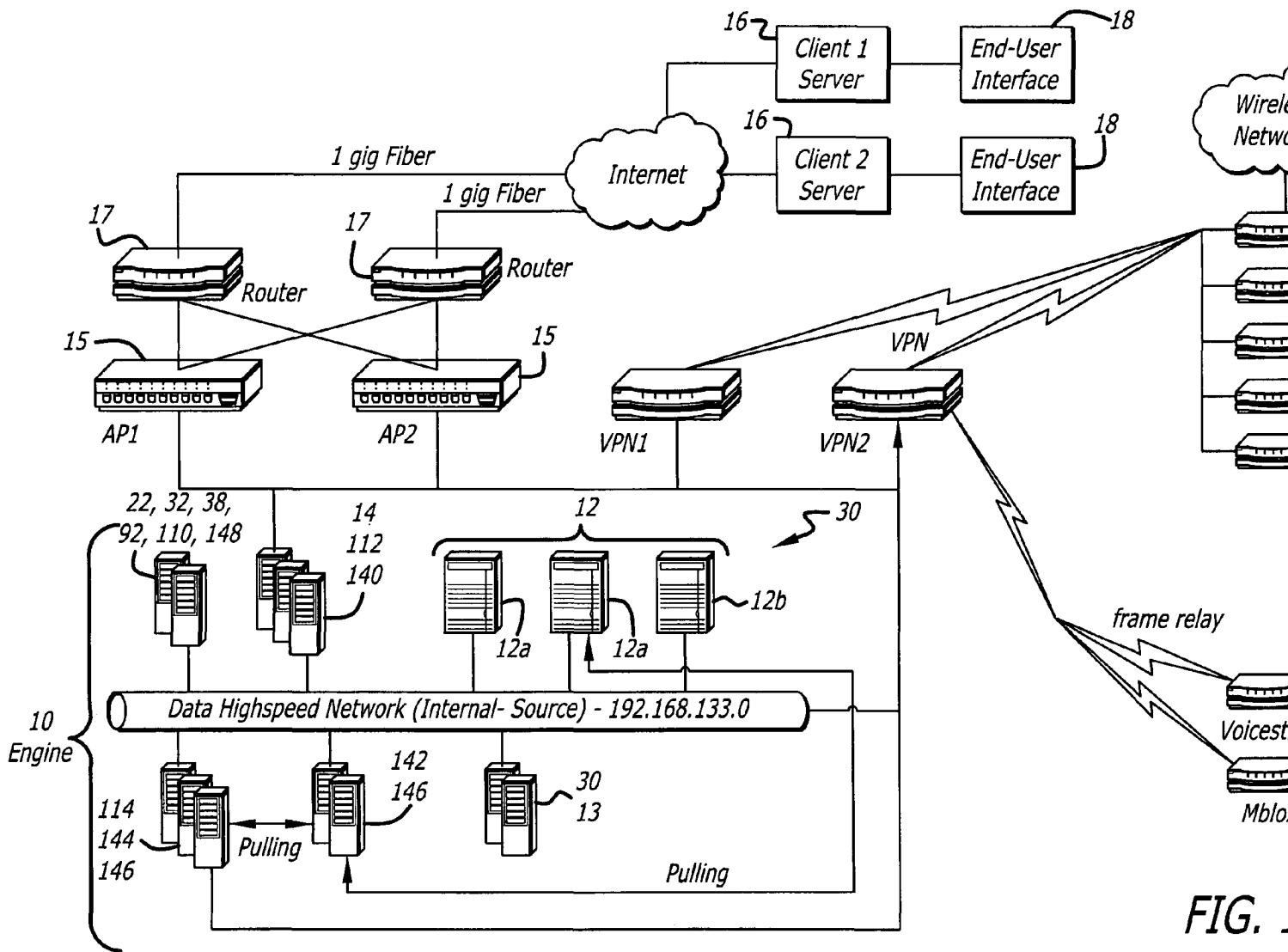
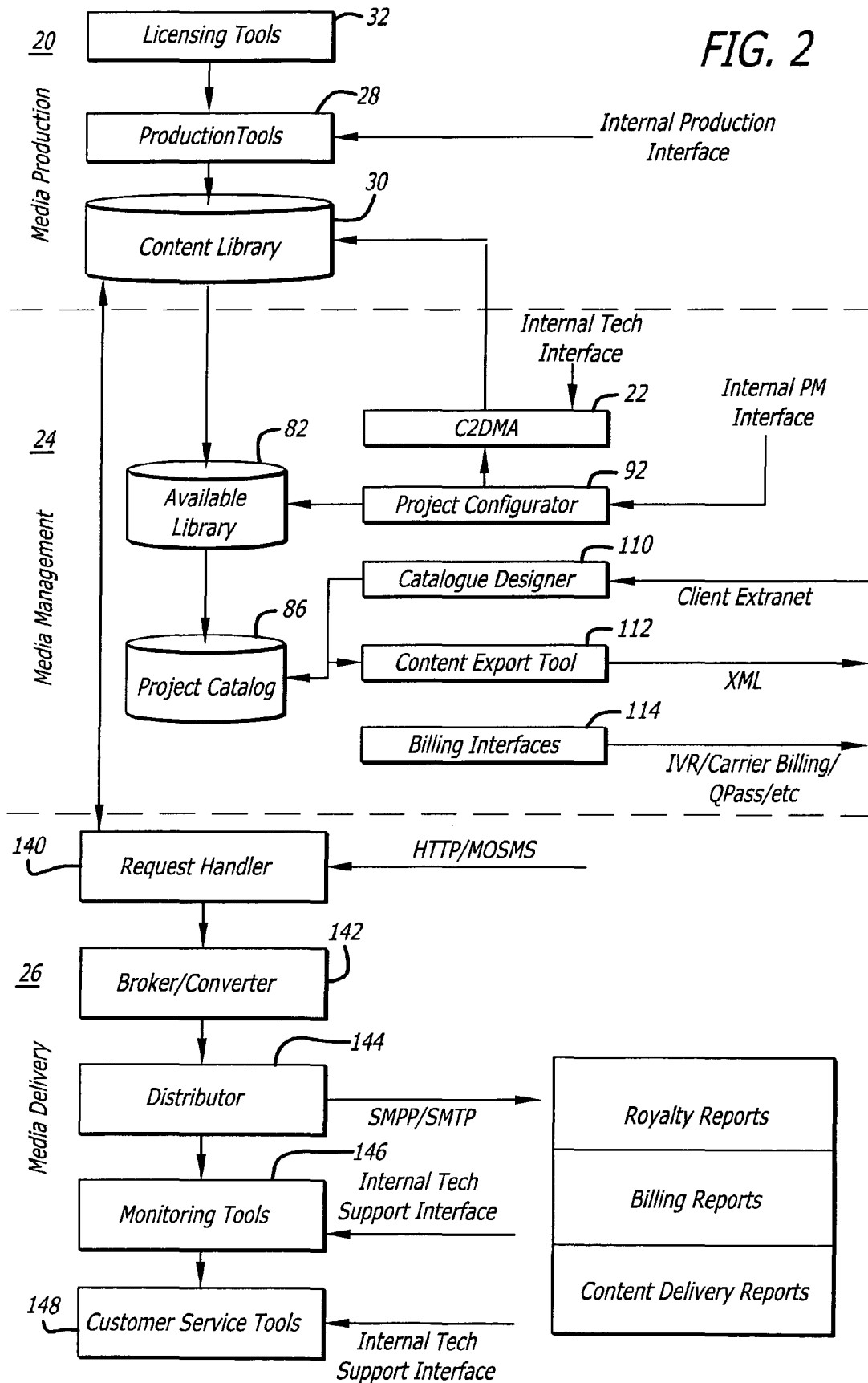


FIG. 1

FIG. 2



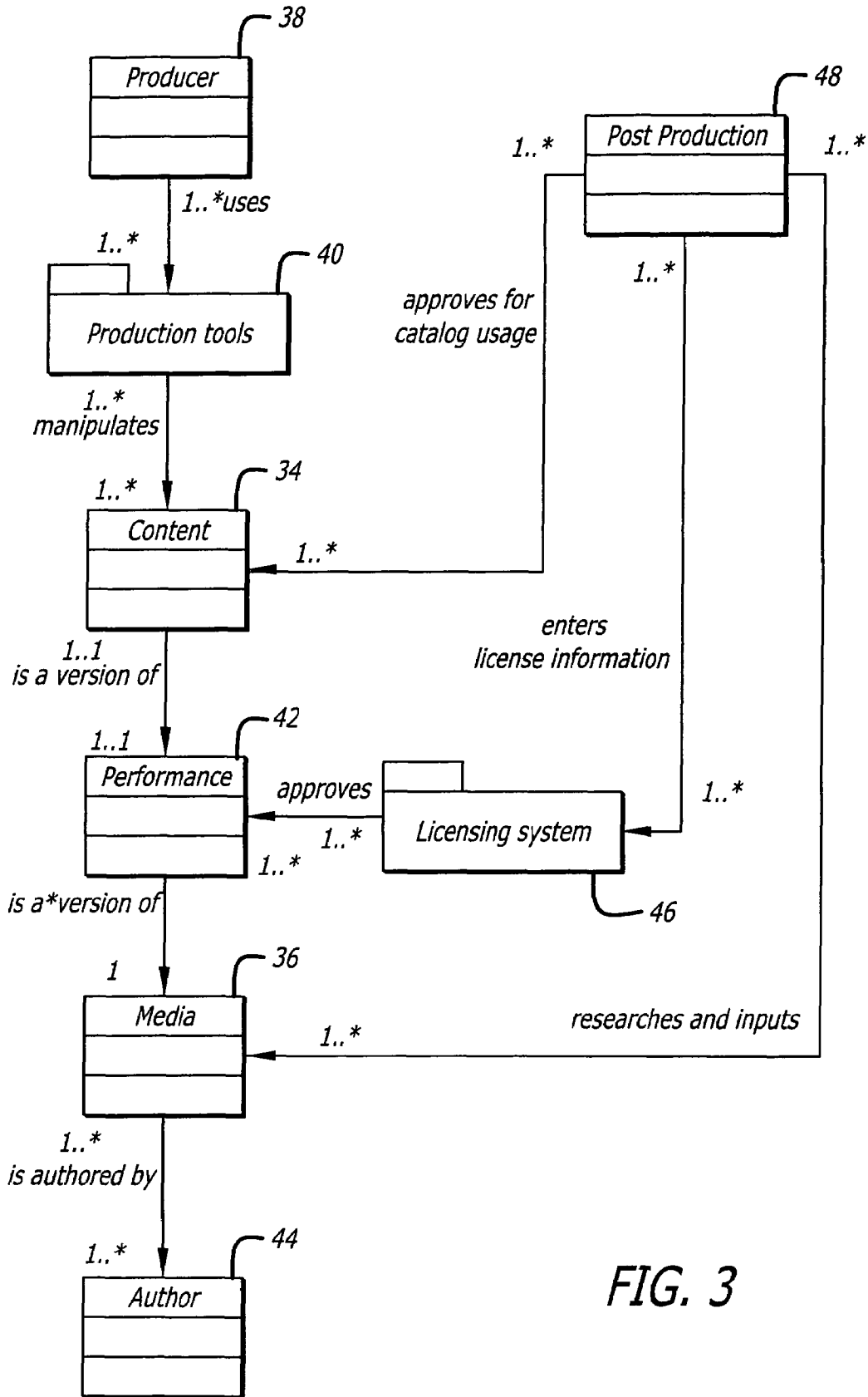


FIG. 3

# Performance View: Who Let The Dogs Out

Who Let The Dogs Out (*Baha Men*)

**Media Type:** audio

**Performance Type:** song

**Rating Filter:** 0

## Full list of artists:

- [Baha Men](#)

## Attributes:

Attribute	Value
Album	Who Let The Dogs Out
Genre	Dance
Label	Artemis
Year	2000
Country	Bahamas

## Content "Tree":

- [audio/Nokia Proprietary - none - Ported from V3 system \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-pn-realaudio - who let the dog p.rm - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-ms-wma - who let the dog p.wma - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
- [audio/Nokia Proprietary - none - Ported from V3 system \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-pn-realaudio - bournemouth dogs.rm - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-ms-wma - bournemouth dogs.wma - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
- [audio/Motorola Proprietary - none - Ported from V3 system \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-pn-realaudio - who let dog p.rm - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)
  - [audio/x-ms-wma - who let dog p.wma - Ported from V3 system as preview \(ACTIVE, Moviso Admin, updated: 2002-07-26 16:00:01:28\)](#)

**Ringtone Production for this Performance**

**Graphic Production for this Performance**

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