Patent Statement Declaration With Respect to SMPTE Engineering Document

To accompany submission of or a contribution to a proposed SMPTE Engineering Document.

SMPTE Document Number and Title: See attached document
Paragraphs related to this Statement: See attached document

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Declaration & Contact Information:

Company submitting declaration:　　　　Geocode-LA, Inc. _____

Patent Holder (if no patent, leave blank):　　　Geocode-LA, Inc. _____

Submitter declares that he/she is authorized to make this declaration on behalf of above-named company.

Name of authorized person:　　Carl M. Burnett_____

Title of authorized person　　　CEO _____

Place & Date of signature　　　1800 Diagonal Road, Suite 600, Alexandria, VA 22314 – November 5, 2013

Signature　　　　　　　_____

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Patent Information

Number	Title	Status	Country
6,681,231	Integrated information processing system for geospatial media	☐ Pending ☒ Granted	US
7,107,286	Integrated information processing system for geospatial media	☐ Pending ☒ Granted	US
		☐ Pending ☐ Granted	
		☐ Pending ☐ Granted	
		☐ Pending ☐ Granted	
		☐ Pending ☐ Granted	

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SMPTE Document Number, Title, & Paragraphs Related to this Patent Declaration Statement

1. **Unique Material Identifier (UMID)**

    1.1. SMPTE 330M-2000 Unique Material Identifier (UMID) - Paragraphs related to this Statement:
    1.1.1. 4.2 – Signature Metadata
    1.1.2. 4.2.1 – Time/date format
    1.1.3. 4.2.2 - Spatial coordinate format

    1.2. SMPTE 330M-2004 Unique Material Identifier (UMID) - Paragraphs related to this Statement:
    1.2.1. 4 – General Specification
    1.2.2. 5 – UMID Format Specification
    1.2.3. 5.2 – Source Pack
    1.2.4. 5.2.1 – Date Stamp and Unit Component
    1.2.5. 5.2.2 – Spatial Co-ordinate Component
    1.2.6. Annex C (normative) - Text representation of the UMID.

    1.3. SMPTE ST 330:2011 Unique Material Identifier (UMID) - Paragraphs related to SMPTE Essential Claim Declaration:
    1.3.1. Intellectual Property
    1.3.2. 6.3 Source Pack
    1.3.3. 6.3.1 Date Stamp and Unit Count Component
    1.3.4. 6.3.2 Geospatial Coordinate Component
    1.3.5. Annex C Text Representation of the UMID

    1.4. SMPTE RP 205-2000 Application of Unique Material Identifiers in Production and Broadcast Environments - Paragraphs related to this Statement: 4 – Requirements

    1.5. SMPTE RP 205:2009 Application of Unique Material Identifiers in Production and Broadcast Environments - Paragraphs related to this Statement:
    1.5.1. 6 – Requirements
    1.5.2. Annex A Example Usage (Informative)
    1.5.3. Annex C Frequently Asked Questions (Informative)

    1.6. SMPTE RP 223-2003 Packing UMID and Program Identification Label Data into SMPTE 291M Ancillary Data Packets - Paragraphs related to this Statement: Annex A (informative) UDW format

2. **Material Exchange Format (MXF)**

    2.1. SMPTE ST 380:2004 Material Exchange Format (MXF) – Descriptive Metadata Scheme-1 (Standard, Dynamic) - Paragraphs related to this Statement:
    2.1.1. 4.2 - Frameworks and their relationship to packages
    2.1.2. Annex A-2 - Descriptive metadata set definitions, 2. Clip Framework
    2.1.3. Annex B - Summary of set properties

    2.2. SMPTE ST 382:2007 Material Exchange Format – Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container - Paragraphs related to this Statement:
    2.2.1. 7.3 - Broadcast Extension <bext> Chunk
    2.2.2. D.3 - Comparison of <bext> chunk fields

2.3. SMPTE ST 394:2006Material Exchange Format (MXF) – System Scheme 1 for the MXF Generic Container - Paragraphs related to this Statement:
    2.3.1.   Annex A - Use of System Item Metadata

2.4. SMPTE ST 405:2006 Material Exchange Format (MXF) – Elements and Individual Data Items for the MXF Generic Container System Scheme 1 - Paragraphs related to this Statement:
    2.4.1.   5.2, Table 2 - GC System Scheme Individual Data Definitions, Table 2 – Specification of Individual Data Items
    2.4.2.   Annex A, A.2.3 Extended clip ID array

3. <u>Metadata</u>

3.1. SMPTE ST 331:2011 Element and Metadata Definitions for the SDTI-CP - Paragraphs related to this Statement:
    3.1.1.   9.4 SMPTE UMID Metadata

3.2. SMPTE ST 335:2012 Metadata Dictionary Structure - Paragraphs related to this Statement:
    3.2.1.   4 Metadata Element Dictionary Structure

3.3. SMPTE ST 2067-5:2013 Interoperable Master Format - Essence Component - Paragraphs related to this Statement:
    3.3.1.   5 Essence Component File Parameters and Constraints

4. <u>D-Cinema</u>

4.1. SMPTE ST 429-6:2006 D-Cinema Packaging - MXF Track File Essence Encryption - Paragraphs related to this Statement:
    4.1.1.   7.8 TrackFile ID

5. <u>Uniform Resource Names</u>

5.1. SMPTE ST 2029:2009 Uniform Resource Names for SMPTE Resources - Paragraphs related to this Statement:
    5.1.1.   8.2 UMID URN Examples

<u>**Additional Supporting Documentation**</u>

Patent 7,107,286, Integrated information processing system for geospatial media.

Claim 9 - A geospatial information processing method comprising: converting latitude and longitude geographic degree, minutes, and seconds (DMS) coordinate alphanumeric representations or decimal equivalent geographic coordinate alphanumeric representations and altitude alphanumeric representations into individual discrete all-natural number geographic coordinate and measurement representations; and concatenating the individual discrete all-natural number geographic coordinate and measurement representations into a single discrete all-natural number geospatial coordinate measurement representation for identification of a geospatial positional location at, below, or above earth's surface allowing a user to geospatially reference entities or objects based on the identified geospatial positional location and point identification.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The GEOCode* (Claim 9) in all-numeric representation concatenates the individual discrete all-natural number geographic and measurement representations into a single discrete all-natural number geospatial coordinate measurement representation for identification of a geospatial positional location and point identification at, below, or above earth's surface. The single discrete all-natural number geospatial coordinate measurement representation may include longitude, latitude, altitude, timestamp including year, month, day, hour, minute, second, and UTC time zone and other spatial information.

*Geocode® is registered US federal trademark of Geocode, Inc. – Registration Number: 3182988