

(51) International Patent Classification:
H04S 3/00 (2006.01)

(21) International Application Number:

PCT/US2012/044363

(22) International Filing Date:

27 June 2012 (27.06.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/504,005	1 July 2011 (01.07.2011)	US
61/636,102	20 April 2012 (20.04.2012)	US

(71) Applicant (for all designated States except US): **DOLBY LABORATORIES LICENSING CORPORATION** [US/US]; 100 Potrero Avenue, San Francisco, California 94103-4813 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TSINGOS, Nicolas R.** [FR/US]; c/o Dolby Laboratories, Inc., 100 Potrero Avenue, San Francisco, California 94103 (US). **ROBINSON, Charles Q.** [US/US]; c/o Dolby Laboratories, Inc., 100 Potrero Avenue, San Francisco, California 94103 (US). **SCHARPF, Jurgen W.** [US/US]; c/o Dolby Laboratories, Inc., 100 Potrero Avenue, San Francisco, California 94103 (US).(74) Agents: **DOLBY LABORATORIES, INC.** et al.; Intellectual Property Group, 999 Brannan Street, San Francisco, California 94103-4938 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

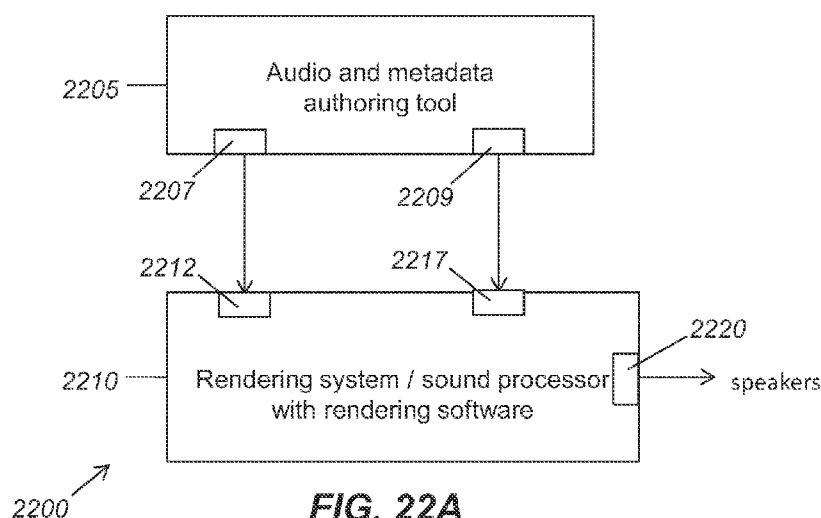
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: SYSTEM AND TOOLS FOR ENHANCED 3D AUDIO AUTHORIZING AND RENDERING

**FIG. 22A**

(57) Abstract: Improved tools for authoring and rendering audio reproduction data are provided. Some such authoring tools allow audio reproduction data to be generalized for a wide variety of reproduction environments. Audio reproduction data may be authored by creating metadata for audio objects. The metadata may be created with reference to speaker zones. During the rendering process, the audio reproduction data may be reproduced according to the reproduction speaker layout of a particular reproduction environment.



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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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