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- (71) **Applicant:** **BELJING XIAOMI MOBILE SOFTWARE CO., LTD.** [CN/CN]; No.018, Floor 8, Building 6, Yard 33, Middle Xierqi Road, Haidian District, Beijing 100085 (CN).
- (72) **Inventors:** **TAQUET, Jonathan**; No.018, Floor 8, Building 6, Yard 33, Middle Xierqi Road, Haidian District, Beijing 100085 (CN). **LASSERRE, Sebastien**; No.018, Floor 8, Building 6, Yard 33, Middle Xierqi Road, Haidian District, Beijing 100085 (CN).
- (74) **Agent:** **TSINGYIHUA INTELLECTUAL PROPERTY LLC**; Room 201, 2nd Floor, Building 1, No. 45, Beiwa Road, Haidian District, Beijing 100142 (CN).
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(54) **Title:** METHOD AND APPARATUS OF ENCODING/DECODING POINT CLOUD CAPTURED BY A SPINNING SENSORS HEAD

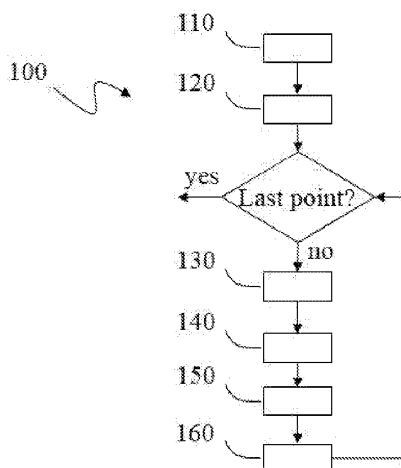


Fig. 7

(57) **Abstract:** There is provided methods and apparatus of encoding/decoding a point cloud into a bitstream of encoded point cloud data captured by a spinning sensors head. Each point of the point cloud is associated with spherical coordinates and attributes. The methods comprises signaling, in the bitstream, a scaling offset information representing scaling offsets, and for each current point of the point cloud: encoding/decoding the spherical coordinates of the current point; obtaining decoded spherical coordinates of the current point from the encoded spherical coordinates; scaling the decoded spherical coordinates of the current point by using the scaling offsets; and encoding/decoding at least one attribute of the current point based on the scaled decoded spherical coordinates.

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