[0005] In this specification, a statement that an element may be “at least one of” a list of options is to be understood that the element may be any one of the listed options, or may be any combination of two or more of the listed options.

[0006] Any discussion of documents, acts, materials, devices, articles or the like which has been included in the present specification is not to be taken as an admission that any or all of these matters form part of the prior art base or were common general knowledge in the field relevant to the present disclosure as it existed before the priority date of each claim of this application.

Summary

[0006a] According to an aspect of the present invention, there is provided a system for monitoring gaming activity in a gaming area comprising a gaming table, the system comprising: at least one camera configured to capture images of the gaming area; an edge gaming monitoring computing device provided in proximity of the gaming table, the edge gaming monitoring computing device comprising a memory and at least one processor having access to the memory and configured to communicate with the at least one camera; the memory storing instructions executable by the at least one processor to configure the at least one processor to: determine a presence of a first gaming object on the gaming table in a first image from a series of images of the gaming area captured by the at least one camera; responsive to determining the presence of the first gaming object in the first image, track the first gaming object in a plurality of images within the series of images; determine object detection event data, the object detection event data comprising image data extracted from a plurality of images and metadata corresponding to the first gaming object; and transmit the object detection event data to a gaming monitoring server.

[0007] Some embodiments relate to a system for monitoring gaming activity in a gaming area comprising a gaming table, the system comprising: at least one camera configured to capture images of the gaming area; at least one processor configured to

communicate with the at least one camera and a memory; the memory storing instructions executable by the at least one processor to configure the at least one processor to: determine a presence of a first gaming object on the gaming table in a first image from a series of images of the gaming area captured by the at least one camera, the series of images comprising one or more images, responsive to determining the presence of the first gaming object in the first image, process the first image to estimate postures of one or more players in the first image, and based on the estimated postures, determine a first target player associated with the first gaming object among the one or more players.

[0008] In some embodiments, the at least one processor is further configured to execute instructions stored in the memory to determine in the series of images an image region of a face of the first target player associated with the first gaming object.

[0009] In some embodiments, processing the image to estimate postures of one or more players in the first image comprises identifying one or more periphery indicator