CLAIMS

1. A method for generating an image file based on one or more still images, the method comprising:
   - obtaining the one or more still images;
   - identifying a property relating to each of the one or more still images, and
   - generating the image file including at least (i) one or more properties which are identified, the at least one or more properties being listed in a same box, and (ii) association information for associating identification information of each of the one or more properties and identification information of each of the one or more still images.

2. The method according to claim 1, wherein all properties of each of the one or more still images are listed in the same box.

3. The method according to claim 1, wherein the at least one or more properties are directly listed in the same box.

4. The method according to claim 2, wherein a first set of the at least one or more properties is associated to a first still image, and wherein a second set of the at least one or more properties is associated to a second still image, the first set being different from the second set.

5. The method according to claim 1, wherein
   - the image file further includes "Item Info Box" for representing information for each of the one or more still images, and
   - the association information for associating the identification information of each of the one or more properties and the identification information of each of the one or more still images is described in a predetermined box different from said same box.

6. The method according to claim 5, wherein "ispe" indicating a width and a height of the one or more still images is described as said property in the same box which is different from said "ItemInfoBox", and wherein the association information associates the identification information of each of the one or more still images and the identification information of each of one or more "ispe".

7. The method according to claim 5, wherein "hvcC" indicating decoder configuration of the one or more still images is described as said property in the same box which is different from said "ItemInfoBox", and wherein the association information associates the identification information of each of the one or more still images and the identification information of each of one or more "hvcC".

8. The method according to claim 5, wherein the association information represents correspondence between identification information of one of the one or more properties which are identified and identification information corresponding to at least two images.

9. The method according to claim 1, wherein the image file is generated based on a plurality of still images.

10. The method according to claim 1, wherein the image file is generated based on a plurality of sub-images corresponding to one still image.

11. The method according to claim 1, wherein the image file comprises a metadata part and a media data part, and wherein both of the one or more properties and the association information are described in the metadata part.

12. The method of claim 1, wherein the identified properties are ordered, the identification information of each of the one or more properties corresponding to its order.

13. The method according to claim 1, wherein the one or more still images are described by an ItemInformationEntry metadata structure configured to link an indexed tile of each still image to at least one property parameter."

14. A device for generating an image file based on one or more still images, the device comprising:
- an input module for obtaining the one or more still images;
- an identifier module for identifying a property relating to each of the one or more still images, and
- a generator module for generating the image file including at least (i) one or more properties which are identified, the at least one or more properties being listed in a same box, and (ii) association information for associating identification information of each of the one or more properties and identification information of each of the one or more still images.

15. The device of claim 14, wherein
- the image file further includes "Item Info Box" for representing information for each of the one or more still images, and
- the association information for associating the identification information of each of the one or more properties and the identification information of each of the one or more still images is described in a predetermined box different from said same box.

16. The device according to claim 15, wherein "ispe" indicating a width and a height of the one or more still images is described as said property in the same box which is different from said "ItemInfoBox",

and wherein the association information associates the identification information of each of the one or more images and the identification information of each of one or more "ispe".

17. The device according to claim 15, wherein "hvcC" indicating decoder configuration of the one or more images is described as said property in the same box which is different from said "ItemInfoBox", and wherein the association information associates the identification information of each of the one or more still images and the identification information of each of one or more "hvcC".

18. The device according to claim 15, wherein the association information represents correspondence between identification information of one of the one or more properties which are identified and identification information corresponding to at least two images.

19. A computer program product for a programmable apparatus, the computer program product comprising a sequence of instructions for implementing a method according to any one of claims 1 to 12, when loaded into and executed by the programmable apparatus.

20. A computer-readable storage medium storing instructions of a computer program for implementing a method according to any one of claims 1 to 12.