

US Patent & Trademark Office

Patent Public Search | Text View

United States Patent Application Publication

20250258422

Kind Code

A1

Publication Date

August 14, 2025

Inventor(s)

KARLE; Stefan

BOOK-LIGHT AND METHOD OF OPERATING THE SAME

Abstract

A book-light for illuminating photo and film scenes with soft illumination light, comprising: a three-dimensional structure having a rectangular first face and a rectangular second face; wherein the rectangular first face is configured for attachment of a lamp, and wherein the first face includes a first edge and a second edge opposite the first edge; wherein the rectangular second face includes a first edge extending adjacent to the first edge of the first face and along the first edge of the first face, and a second edge opposite the first edge, and wherein an inner surface of the second face is provided by a material that is configured to diffusely reflect light incident on the inner surface of the second face; and wherein the book-light further comprises at least one inflatable tube extending between the second edge of the first face and the second edge of the second face and which, in its inflated state, holds the second edge of the first face at a distance from the second edge of the second face, so that light reflected from the inner surface of the second face can leave the book-light between the second edge of the first face and the second edge of the second face.

Inventors: KARLE; Stefan (München, DE)

Applicant: KARLE; Stefan (München, DE)

Family ID: 95563441

Appl. No.: 19/053029

Filed: February 13, 2025

Foreign Application Priority Data

DE 102024104164.1

Feb. 14, 2024

Publication Classification

Int. Cl.: G03B15/05 (20210101)

U.S. Cl.:

Background/Summary

CROSS-REFERENCE TO RELATED APPLICATION

[0001] This application claims benefit under 35 U.S.C. § 119 to German Application No. 10 2024 104 164.1, filed Feb. 14, 2024. The contents of this application is hereby incorporated by reference in its entirety.

FIELD

[0002] The present invention relates to a book-light and a method of operating the same.

BACKGROUND

[0003] The illumination of objects to be filmed or photographed plays an important role in the production of films and photographs. Producers use illumination as stylistic means, and a great deal of effort is put into creating a desired illumination during a production. The illumination significantly contributes to the costs of the production.

[0004] In some situations, it is desirable to illuminate a filmed or photographed object with soft light, while in other situations it is desirable to illuminate the object with hard light. For example, for illumination with hard light, the light produced by a lamp or spotlight can be directed onto the object directly, so that shadows are clearly visible on the object's structures. Illumination with soft light, on the other hand, involves illuminating the object with diffuse light, which is created indirectly, for example, by scattering light generated by a light source.

[0005] Illumination with soft light is achieved, for example, by using so-called softboxes, in which a light source can be arranged within a funnel-shaped reflector whose front opening is closed with a translucent, light-diffusing material, such as a cloth. Some of the light produced by the light source is reflected by the reflector, hitting the translucent material and passing through it, wherein the light is scattered in different directions and is thus made more diffuse. Another part of the light produced by the light source hits the translucent material directly and passes through it, wherein the light is also scattered in different directions to create diffuse light. Due to the scattering in the translucent material and due to the size of the surface of the translucent material closing the reflector, the diffuse illumination light hits the illuminated object from many different directions, thus avoiding harsh shadows and creating a softer illuminated image. In addition to a softbox, soft light can also be created with a so-called book-light, which, according to some producers, makes it possible to create even softer light. While the light generated by the light source can hit the translucent, diffusely scattering material directly in the case of a softbox, this is avoided with a book-light. With a book-light, essentially all of the light that reaches the object to be illuminated is reflected by a diffusely reflective surface. Accordingly, a conventional book-light comprises a light source that illuminates a diffusely reflective surface, such as a white cloth. The light reflected from the diffusely reflective surface can then be used to directly illuminate the object to be illuminated, or a material that is translucent and diffusely scatters light, such as another white cloth, is placed between the diffusely reflective surface and the object to be illuminated.

[0006] Conventionally, separate stands are used to hold the lamp, the diffusely reflective cloth and, if necessary, the translucently diffusely scattering cloth in a desired geometric relationship relative to each other and relative to the object to be illuminated. In this case, it is difficult to make changes to the lighting situation, since the two or three stands have to be moved individually and, in particular, stands that hold large cloths have two legs which have to be moved independently without knocking the stands over.

SUMMARY

[0007] It is an object of the present invention to provide a book-light for illuminating photo and film scenes with soft light, which is comparatively easy to operate.

[0008] According to embodiments of the invention, a book-light comprises a three-dimensional structure having a rectangular first face and a rectangular second face for reflecting light generated by the lamp. The rectangular first face is configured for attachment of a lamp and includes a first edge and a second edge opposite the first edge, so that the first and second edges extend substantially parallel to each other. Likewise, the rectangular second face includes a first edge extending adjacent to the first edge of the first face and along the first edge of the first face and a second edge opposite the first edge, so that the first and second edges of the second face extend substantially parallel to each other. An inner surface of the second face is provided by a material that is configured to diffusely reflect light incident on the inner surface of the second face.

Furthermore, the book-light comprises at least one inflatable tube extending between the second edge of the first face and the second edge of the second face and which, in its inflated state, holds the second edge of the first face at a distance from the second edge of the second face, so that light reflected from the inner surface of the second face can leave the book-light between the second edge of the first face and the second edge of the second face.

[0009] In this structure, when a lamp is attached to the first face of the book-light, light emitted by the lamp can hit the inner surface of the second face. The inner surface of the second face can be provided by a material that is configured to diffusely reflect light. The light diffusely reflected on the inner surface of the second face can then pass through a third face of the book-light to leave the book-light between the second edge of the first face and the second edge of the second face and illuminate an object. In this configuration of the three-dimensional structure of the book-light, the light leaving the book-light through the third face contains essentially no light that was generated by the lamp and not reflected on the inner surface of the second face. In other words, with the book-light according to exemplary embodiments, essentially no light emitted by the lamp hits the third face directly. Since only light diffusely reflected on the inner surface of the second face can leave the book-light through the third face, the emitted light is particularly diffuse and can serve as soft light for illuminating photo and film scenes.

[0010] According to exemplary embodiments, the book-light further comprises at least one inflatable tube that extends between the second edge of the first face and the second edge of the second face and that, in its inflated state, holds the second edge of the first face at a distance from the second edge of the second face, so that light reflected from the inner surface of the second face can leave the book-light between the second edge of the first face and the second edge of the second face.

[0011] Thus, the geometric relationship between the first face and the second face of the book-light is reproducibly defined by the at least one tube in its inflated state. The first face and the second face are part of the three-dimensional structure so that for positioning this structure only one stand is necessary, which carries the lamp together with the three-dimensional structure attached to the lamp or the three-dimensional structure with the lamp attached to it. The book-light is therefore easy to position in relation to the object to be illuminated. Furthermore, the attachment and removal of the book-light is extremely simple, since the at least one tube, which in its inflated state defines the geometric relationship between the first face and the second face, can be quickly inflated using an air pump. Deflating the air from the tube causes the three-dimensional structure to fold or to collapse, and it can then be easily folded and/or rolled up. Even in a demounted state, the first face and the second face can remain connected to each other and be stored together, so that it is not necessary to join several parts to form the book-light when assembling it.

[0012] According to exemplary embodiments, a method of operating a book-light comprises withdrawing the book-light from a transport bag; inflating a tube of the book-light with air using an air pump; attaching a lamp on a first face of the book-light; illuminating an inner surface of a second face of the book-light with light from the lamp; illuminating an object with light from the

lamp, wherein the light is reflected on the second face of the book-light and leaving the book-light through a third face of the book-light; photographing or filming the object while it is illuminated with light exiting the book-light; removing the lamp from the book-light; releasing the air from the tube; folding and/or rolling up the book-light; and storing the folded and/or rolled up book-light into the transport bag.

[0013] The inflatable tube is made of a flexible material so that, when it contains no air, it can be easily folded and/or rolled up. However, when the inflatable tube is inflated, it provides rigidity so that, as a component of the three-dimensional structure, it is able to maintain the distance between the second edge of the first face and the second edge of the second face and reproducibly adjust the intended geometric relationship between the first face and the second face.

[0014] According to exemplary embodiments, the tube is configured to maintain a pressure in the tube of at least 0.1 bar above atmosphere, and in particular at least 0.2 bar above atmosphere for at least one hour. This means that the tube is sufficiently hermetic when the valve is closed to maintain the internal pressure so that the tube is sufficiently rigid to maintain the geometric relationships of the three-dimensional structure. The hose of a hand-operated or electric motor-driven air pump can be connected to the valve in order to fill the tube with air and to develop the pressure above atmosphere therein. After removing the hose and closing the valve, the pressure above atmosphere remains in the tube. The air can also be let out from the inside of the tube via the valve to fold or collapse the book-light.

[0015] According to exemplary embodiments, the at least one tube, in its inflated state, has a diameter of more than 20 mm, more than 35 mm or more than 50 mm to provide sufficient rigidity in the inflated state.

[0016] The at least one tube can comprise a single continuous tube to maintain the geometric relationship between the faces of the three-dimensional structure. However, the at least one tube may also comprise a plurality of parts, i.e. tubes that are separate from one another and not formed from a single continuous tube. The plurality of tubes may be inflated independently of one another, or they may be connected to one another by means of one or more hoses, so that the tubes communicate with one another via the one or more hoses and can be inflated together. The at least one tube may comprise rectilinearly extending portions and curved portions.

[0017] According to exemplary embodiments, the at least one tube extends rectilinearly between the second edge of the first face and the second edge of the second face.

[0018] According to exemplary embodiments, the at least one tube includes a portion extending between a first end of the second edge of the first face and a first end of the second edge of the second face and includes another portion extending between a second end of the second edge of the first face and a second end of the second edge of the second face. The two portions of the at least one tube may extend rectilinearly directly between the first end of the second edge of the first face and the first end of the second edge of the second face, or they may each be differently shaped and include curved portions to maintain the distance between the second edge of the first face and the second edge of the second face.

[0019] A portion of the at least one tube can extend rectilinearly between a first end of the second edge of the first face and a second end of the second edge of the first face, wherein the second end of the second edge of the first face is opposite the first end of the second edge of the first face. Likewise, a portion of the at least one tube can extend rectilinearly between a first end of the second edge of the second face and a second end of the second edge of the second face, wherein the second end of the second edge of the second face is opposite the first end of the second edge of the second face.

[0020] According to exemplary embodiments, the first face comprises an inflatable cushion which, like the at least one tube, provides a rigid structure in the inflated state and can be folded and/or rolled up in the deflated state. Accordingly, the cushion is configured to maintain a pressure therein of at least 0.1 bar above atmosphere and in particular at least 0.2 bar above atmosphere for at least

one hour.

[0021] In the inflated state, the cushion provides sufficient rigidity of the first face so that the lamp can be attached to the first face.

[0022] According to exemplary embodiments, the inflated cushion is transparent so that the light generated by the lamp can pass through. Therefore, the lamp can be attached to the outside of the cushion or the cushion can be placed on the lamp, and the light emitted by the lamp can pass through the cushion into the inside of the book-light and hit the diffusely reflective material on the inner surface of the second face.

[0023] According to exemplary embodiments the three-dimensional structure has a rectangular third face which extends between the second edge of the first face and the second edge of the second face.

[0024] The rectangular third face of the book-light, which extends between the second edge of the first face and the second edge of the second face, can be open and free of material, so that the light reflected from the second face can leave the third face without hindrance. Alternatively, the third face can be provided by a transparent material configured to diffuse light reflected from the second face and leave the book-light through the third face, so that the emitted light is scattered to enhance diffusion.

[0025] A part of the at least one tube can completely surround the third face and, for example, form a rectangular frame for the third face.

[0026] Likewise, a portion of the at least one tube can completely surround the second face and form a rectangular frame for the second face.

[0027] According to exemplary embodiments, the at least one tube comprises a first portion that extends rectilinearly along the second edge of the second face and a second portion that extends rectilinearly along an edge of the third face adjacent to the first portion of the at least one tube and along the first portion of the at least one tube.

[0028] According to exemplary embodiments, the first face comprises a light-absorbing material configured to block light that could otherwise exit the book-light through the first face. Likewise, the second face comprises a light-absorbing material configured to block light that could otherwise exit the book-light through the second face. Therefore, the light that is to illuminate the object leaves the book-light only through the third face. This avoids light exiting through the first face or the second face, which could interfere with the illumination of the object.

[0029] According to exemplary embodiments, the three-dimensional structure is configured such that a ratio between a distance between the first and the second edge of the second face and a distance between the first and the second edge of the first face is greater than 1.1, in particular greater than 1.2 and in particular greater than 1.3.

[0030] According to exemplary embodiments, the book-light further comprises two triangular faces, each having a first edge extending between the first edge and the second edge of the first face and each having a second edge extending between the first edge and the second edge of the second face, wherein the two triangular faces each include a light-absorbing material configured to block light that might otherwise exit the book-light through the triangular faces. This further avoids the emission of light from the book-light that can interfere with the illumination of the object.

Description

BRIEF DESCRIPTION OF THE DRAWINGS

[0031] Embodiments of the disclosure are explained in greater detail below with reference to figures, in which:

[0032] FIG. 1 shows a schematic representation of a book-light according to an embodiment for explaining its function in illuminating an object;

[0033] FIG. 2 shows a schematic perspective representation for explaining a three-dimensional structure of the book-light **1** shown in FIG. 1;

[0034] FIG. 3 shows a detail of the three-dimensional structure shown in FIG. 2 during the inflation;

[0035] FIG. 4 shows a schematic perspective representation of an inflatable cushion of the book-light shown in FIG. 1;

[0036] FIG. 5 shows a schematic perspective representation of a frame for the cushion shown in FIG. 4; and

[0037] FIG. 6 shows a schematic perspective representation for explaining a three-dimensional structure of a book-light according to a further embodiment.

DETAILED DESCRIPTION

[0038] FIG. 1 schematically shows a cross-section of a book-light **1** for illuminating an object **3** to be photographed. The book-light **1** comprises a first face **5**, a second face **7** and a third face **9**. The first, second and third faces **5**, **7**, **9** are each rectangular and form a triangle in the cross-section of FIG. 1. A first edge **11** of the first face **5** and a first edge **13** of the second face **7** abut one another, or are arranged close together, so that they form one vertex of the triangle in the schematic representation of FIG. 1. A second edge **15** of the first face **5** and a second edge **17** of the second face **7** are arranged at a distance from each other, so that the third face **9** extends between them.

[0039] A lamp **21** is attached to the first face **5** and is fixed to a stand **23**. The stand **23** stands on a floor **24** of a room, on which there is also a chair **25**, on which a person **27** sits, who is the object **3** to be illuminated. By attaching the lamp **21** to the first face **5** of the book-light **1**, the book-light **1** is also supported by the stand **23**.

[0040] The lamp **21** includes a light source, such as a plurality of LEDs, which emit light upwards in FIG. 1. According to an example, the lamp **21** includes an array of LEDs. The number of LEDs in the lamp **21** may amount to ten or more, 30 or more, or even 100 or more. Exemplary light beams of the light emitted by the lamp **21** are shown in FIG. 1 and provided with the reference sign **27**. The light **27** emitted by the lamp **21** hits an inner surface **29** of the second face **7**. The inner surface **29** of the second face **7** is provided by a diffusely reflective material **30**. This material **30** may, for example, be a white linen fabric sheet.

[0041] Exemplary beams of the light **27** diffusely reflected on the inner surface **29** of the second face **7** are shown in FIG. 1 and provided with the reference sign **31**. The light **31** reflected on the inner surface **29** of the second face **7** hits the third face **9**, where a translucent diffusely scattering material **33** is provided, which further scatters the light **31**. Exemplary light beams, which are produced by scattering the light **31** at the material **33** of the third face **9**, are shown in FIG. 1 and provided with the reference sign **35**. The light **35** exiting the book-light **1** via the third face **9** hits the object **3** to be illuminated.

[0042] The translucent diffusely scattering material **33** can also be removed from the third face **9** so that the light **31** reflected on the inner surface **29** of the second face **7** can leave the book-light **1** without hindrance to illuminate the object **3** to be illuminated.

[0043] The first face **5** may have a length, i.e. an extent between the first edge **11** and the second edge **15**, of, for example, 1000 mm. The second face **7** may have a length, i.e. an extent between the first edge **13** and the second edge **17**, of, for example, 1250 mm.

[0044] FIG. 2 is a schematic perspective representation for explaining a three-dimensional structure **36** of the book-light **1** shown in FIG. 1. The three-dimensional structure **36** is formed from two inflatable tubes **34**.

[0045] One inflatable tube **34** forms a frame **38** on the second face **7** of the book-light **1**. The tube **34** of the frame **38** comprises a portion **37** that extends along the first edge **13** of the second face **7** of the book-light **1**. The tube **34** of the frame **38** further includes a portion **39** that extends along the second edge **17** of the second face **7** of the book-light **1**. The tube **34** of the frame **38** further includes a portion **41** that extends between a first end of the first edge **13** and a first end of the

second edge **17** of the second face **7**. The tube **34** of the frame **38** further includes a portion **43** that extends between a second end of the first edge **13**, wherein the second end is opposite the first end of the first edge **13**, and a second end of the second edge **17** of the second face **7**, wherein the second end is opposite the first end of the second edge **17**. The tube **34** of the frame **38** completely surrounds the second face **7** of the book-light **1**.

[0046] The other inflatable tube **34** forms a frame **40** on the third face **9** of the book-light **1**. The tube **34** of the frame **40** includes a portion **45** that extends along the second edge **17** of the second face **7** of the book-light **1**. The tube **34** of the frame **40** further includes a portion **47** that extends along the second edge **15** of the first face **5** of the book-light **1**. The tube **34** of the frame **40** further comprises a portion **49** that extends between a first end of the second edge **15** of the first face **5** and a first end of the second edge **17** of the second face **7**. The tube **34** of the frame **40** further comprises a portion **51** that extends between a second end of the second edge **15**, wherein the second end is opposite the first end of the second edge **15**, and a second end of the second edge **17** of the second face **7**, wherein the second end is opposite the first end of the second edge **17** of the second face **7**. The tube **34** of the frame **40** completely surrounds the third face **9** of the book-light **1**.

[0047] FIG. **3** is a schematic representation of a detail of the three-dimensional structure shown in FIG. **2**. The two frames **38** and **40** are each formed of a closed inflatable tube **34**. The tubes **34** are formed, for example, from an outer hose of flexible but non-stretchable flat material, which is sewn together from several pieces in such a way that the geometric structure of the respective frame **38**, **40** is formed. An inner hose made of rubber or another stretchable material is inserted into the outer hose sewn together from the flat material, wherein the inner hose is airtight and has a connecting piece **53** which passes through the outer hose made of the flat material and on which a valve **55** is provided which can close the connecting piece **53** and thus the inner hose. An air pump **59** can be connected to the valve **55** via a connecting hose **57** in order to fill the inner hose in the frame **38** with air and to generate a pressure of, for example, 0.2 bar above atmosphere in the frame **38**, which provides the frame **38** with mechanical stability.

[0048] The other frame **40** is manufactured in a similar way, in that an outer hose is sewn together from several pieces of flat material, which define the geometric shape of the frame, and into which an airtight inner hose is inserted, which can be filled with air in order to generate an internal pressure of, for example, also 0.2 bar above atmosphere. For this purpose, the frame **40** can also comprise a valve on a connecting piece leading to the outside in order to connect the air pump **59** to this valve. In the example shown in FIG. **3**, however, the inner airtight hoses of the two frames **38** and **40** are connected by a hose **61** via which the two inner hoses of the frames **38** and **40** communicate, so that the hoses of both frames **38** and **40** can be inflated via the one valve **55**.

[0049] Reference is again made to FIG. **2**. The portions **39** and **45** of the two frames **38** and **40**, wherein the portions extend along the second edge of the second face **7** of the book-light **1**, are connected to each other, for example, by means of hook-and-loop tapes. The two portions **37** and **47** of the two frames **38** and **40** are not directly connected to each other. However, the three-dimensional structure **36** includes two bands **63** that connect the two portions **37** and **47** and prevent a distance between the two portions **37** and **47** from exceeding a predetermined value.

[0050] FIG. **3** shows hook-and-loop tapes **71** that are attached to portions **45** and **49** of the frame **40**. Corresponding hook-and-loop tapes are also attached to portions **47** and **51** of the frame **40**. These hook-and-loop tapes **71** serve to fasten the translucent diffusely scattering material **33**, which closes the third face **9** of the book-light **1**. A hook-and-loop tape corresponding to the hook-and-loop tapes **71** is attached to the material **33** so that the material **33** can be detachably fastened to the frame **40**. It is possible to keep several different such translucent diffusely scattering materials in readiness in order to influence the type of light scattering with the material and to change the character of the light emitted by the book-light **1**.

[0051] The portions **37**, **39**, **43** and **41** of the frame **38** also have hook-and-loop tapes or the like for

attaching the diffusely reflective material **30** to the second face **7** of the book-light **1**.

[0052] The frames **38** and **40** also carry hook-and-loop tapes **73** for attaching light-absorbing material to the triangular faces between the both frames **38** and **40** to suppress undesirable light emission from the book-light **1**.

[0053] FIG. **4** shows a perspective view of an inflatable cushion **81** which forms the first face **5** of the three-dimensional structure **36**. The inflatable cushion **81** comprises a row of chambers **83** arranged next to one another. Each chamber **83** is formed by a hose that is connected to the hose of an adjacent chamber **83** mechanically, for example by gluing. In addition, there are ducts connections between the chambers **83** to allow air to be exchanged between the chambers **83**. The cushion **81** also has a connection piece **85** with a valve **87**, via which the cushion **81** can be inflated with air, for example using the pump **59**.

[0054] FIG. **5** shows a perspective view of a frame **91** having a rectangular upper portion **93** and a rectangular lower portion **95**. The inflatable cushion **81** can be disposed between the upper portion **93** and the lower portion **95** of the frame **91**, and the two portions **93** and **95** of the frame **91** can be connected to each other in order to surround the inflated cushion **81** at its edge. The frame **91** provides the cushion **81** with additional mechanical stability.

[0055] The upper portion **93** of the frame **91** may in turn have hook-and-loop tapes attached to it, with which the frame **91** and thus the cushion **81** can be attached to the first face **5** of the three-dimensional structure **36**. For example, corresponding hook-and-loop tapes are attached to the bands **63** and to portions **47** and **37** of the frames **38** and **40**. The lamp **21** can be attached properly to the lower portion **95** of the frame **91**. The chambers **83** of the cushion **81** are made of transparent material so that the light generated by the lamp **21** can pass through the cushion **81** and the first face **3** of the three-dimensional structure **36** and hit the diffusely reflective material **30** on the inner surface **29** of the second face **7** of the book-light **1**.

[0056] In the above-described embodiment, the three-dimensional structure **36** is formed by two frames **38** and **40**, each formed by inflatable tubes **34**. Thus, the above-described embodiment comprises two inflatable tubes **34** to form the three-dimensional structure **36**.

[0057] FIG. **6** is a perspective view of a further embodiment, in which a three-dimensional structure **36a** of a book-light **1a** is formed by a single inflatable tube **101**. The tube **101** has one end **103** that is arranged on a second edge **15a** of a first face **5a** of the book-light **1a**. From the first end **103**, a first portion **105** of the tube **101** extends towards a first edge **11a** of the first face **5a** of the book-light **1a**. From there, a further portion **107** of the tube **101** extends to a second edge **17a** of a second face **7a** of the book-light **1a**. From there, a third portion **109** of the tube **101** extends along the second edge **17a** of the second face **7a**. A fourth portion **111** of the tube **101** then extends back to the first edge **13a** of the second face **7a**, and from there a fifth portion **113** of the tube **101** extends to the second edge **15a** of the first face **5a** of the book-light **1a**, where a second end **115** of the tube **101** is arranged.

[0058] The portions **105** and **113** of tube **101** are connected to an inflatable cushion **81a**, to which a lamp (not shown in FIG. **6**) can be attached. The inflatable tube **101** also carries on its various portions **105** to **113** hook-and-loop tapes, to which, on the second face **7a** of the book-light **1a**, the light diffusely reflective material can be attached to the inner surface and light absorbing material can be attached to the outer surface. Likewise, light-absorbing material can be attached to the triangular faces spanned by the portions **105** and **107** and **111** and **113**. Furthermore, a translucent and light-scattering material can be attached to the third face of the book-light **1a**, which extends between the cushion **81a** and the portion **109** of the tube **101**.

Claims

1. A book-light for illuminating photo and film scenes with soft illumination light, comprising: a three-dimensional structure having a rectangular first face and a rectangular second face; wherein

the rectangular first face is configured for attachment of a lamp, and wherein the first face includes a first edge and a second edge opposite the first edge; wherein the rectangular second face includes a first edge extending adjacent to the first edge of the first face and along the first edge of the first face, and a second edge opposite the first edge, and wherein an inner surface of the second face is provided by a material that is configured to diffusely reflect light incident on the inner surface of the second face; and wherein the book-light further comprises at least one inflatable tube extending between the second edge of the first face and the second edge of the second face and which, in its inflated state, holds the second edge of the first face at a distance from the second edge of the second face, so that light reflected from the inner surface of the second face can leave the book-light between the second edge of the first face and the second edge of the second face.

2. The book-light according to claim 1, wherein the at least one tube is configured to maintain a pressure in the tube of at least 0.1 bar above atmosphere for at least one hour.

3. The book-light according to claim 1, wherein the at least one tube, in its inflated state, has a diameter of more than 20 mm.

4. The book-Light according to claim 1, wherein the at least one tube extends rectilinearly between the second edge of the first face and the second edge of the second face.

5. The book-light according to claim 1, wherein the at least one tube extends between a first end of the second edge of the first face and a first end of the second edge of the second face; wherein the at least one tube extends between a second end of the second edge of the first face and a second end of the second edge of the second face; wherein the second end of the second edge of the first face is opposite the first end of the second edge of the first face; and wherein the second end of the second edge of the second face is opposite the first end of the second edge of the second face.

6. The book-light according to claim 5, wherein the at least one tube extends rectilinearly between the first end of the second edge of the first face and the first end of the second edge of the second face; and wherein the at least one tube extends rectilinearly between the second end of the second edge of the first face and the second end of the second edge of the second face.

7. The book-light according to claim 1, wherein the at least one tube extends rectilinearly between a first end of the second edge of the first face and a second end of the second edge of the first face, wherein the second end of the second edge of the first face is opposite the first end of the second edge of the first face; and wherein the at least one tube extends rectilinearly between a first end of the second edge of the second face and a second end of the second edge of the second face, wherein the second end of the second edge of the second face is opposite the first end of the second edge of the second face.

8. The book-light according to claim 7, wherein the first face includes an inflatable cushion.

9. The book-light according to claim 8, wherein the cushion is configured to maintain a pressure in the cushion of at least 0.1 bar above atmosphere for at least one hour.

10. The book-light according to claim 8, wherein the cushion is transparent.

11. The book-light according to claim 1, wherein the three-dimensional structure has a rectangular third face, wherein the rectangular third face extends between the second edge of the first face and the second edge of the second face.

12. The book-light according to claim 11, wherein the third face is open and free of material, so that light reflected from the second face can leave the third face without hindrance.

13. The book-light according to one of claim 11, wherein the third face is provided by a transparent material configured to diffuse light reflected from the second face and leave the book-light through the third face.

14. The book-light according to claim 11, wherein the at least one tube completely surrounds the third face.

15. The book-light according to claim 11, wherein the at least one tube comprises a first portion extending rectilinearly along the second edge of the second face; and wherein the at least one tube comprises a second portion extending rectilinearly along an edge of the third face adjacent to the

first portion of the at least one tube and along the first portion of the at least one tube.

16. The book-light according to claim 1, wherein the at least one tube completely surrounds the second face.

17. The book-light according to claim 1, wherein the first face includes a light-absorbing material configured to block light from exiting the book-light through the first face.

18. The book-light according to claim 1, wherein the second face includes a light-absorbing material configured to block light from exiting the book-light through the second face.

19. The book-light according to claim 1, wherein a ratio between a distance between the first and the second edge of the second face and a distance between the first and the second edge of the first face is greater than 1.1, in particular greater than 1.2 and in particular greater than 1.3.

20. The book-light according to claim 1, further comprising: two triangular faces, each having a first edge extending between the first edge and the second edge of the first face and each having a second edge extending between the first edge and the second edge of the second face, and wherein the two triangular faces each include a light-absorbing material configured to block light from exiting the book-light through the triangular faces.

21. The book-light according to claim 1, further comprising a lamp attached to the first face of the book-light.

22. A method of operating a book-light wherein the method comprises: removing the book-light from a transport bag; inflating a tube of the book-light with air using an air pump; attaching a lamp on a first face of the book-light; illuminating an inner surface of a second face of the book-light with light from the lamp; illuminating an object with light from the lamp, the light being reflected from the second face of the book-light and exiting the book-light through a third face of the book-light; photographing or filming the object while it is illuminated with the light exiting the book-light; removing the lamp from the book-light; releasing the air from the tube; at least one of folding and rolling the book-light; and then storing the book-light in the transport bag.
