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(54) **INDOOR SLIPPERS FOR OUTSIDE FOOTWEAR AND REMOVABLE INSOLE SLIPPERS WITH/WITHOUT REMOVABLE UPPER PART**

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(57) **ABSTRACT**

The three invention's utility designs can be used for all types of footwear, including slippers and sandals for indoors, outdoors, SPA, hotel slippers and etc. The first core invention are removable and washable insoles/socks that are pulled over/attached to the base/hard insole of slippers with options when upper parts are also detachable. The second invention is the closed-toes slippers with ventilation holes both on the cloth insole and upper part with option to have it combined with the first invention. The third invention's distinction is the giant size of slippers that are worn over the outdoor footwear that can also have options with the removable sock or ventilation holes from inventions mentioned earlier. There are different details variations described in specifications for all three interrelated inventions. These slippers provide more hygiene, can be worn longer, which is more economical for households and reduces waste produced by slippers.

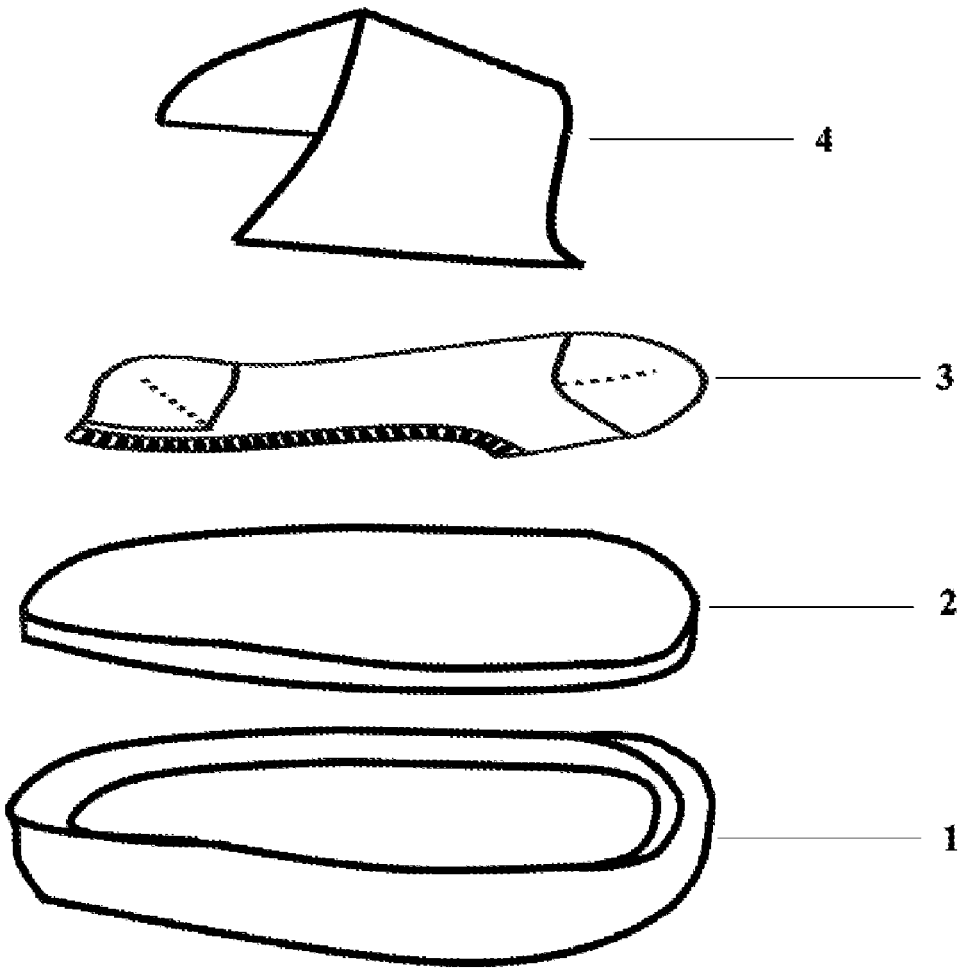


Figure 1

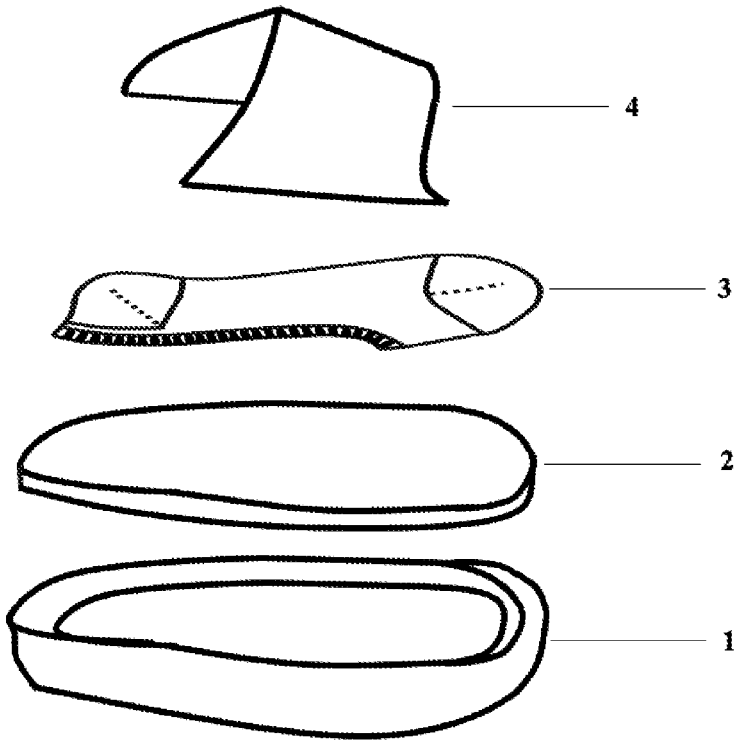


Figure 2

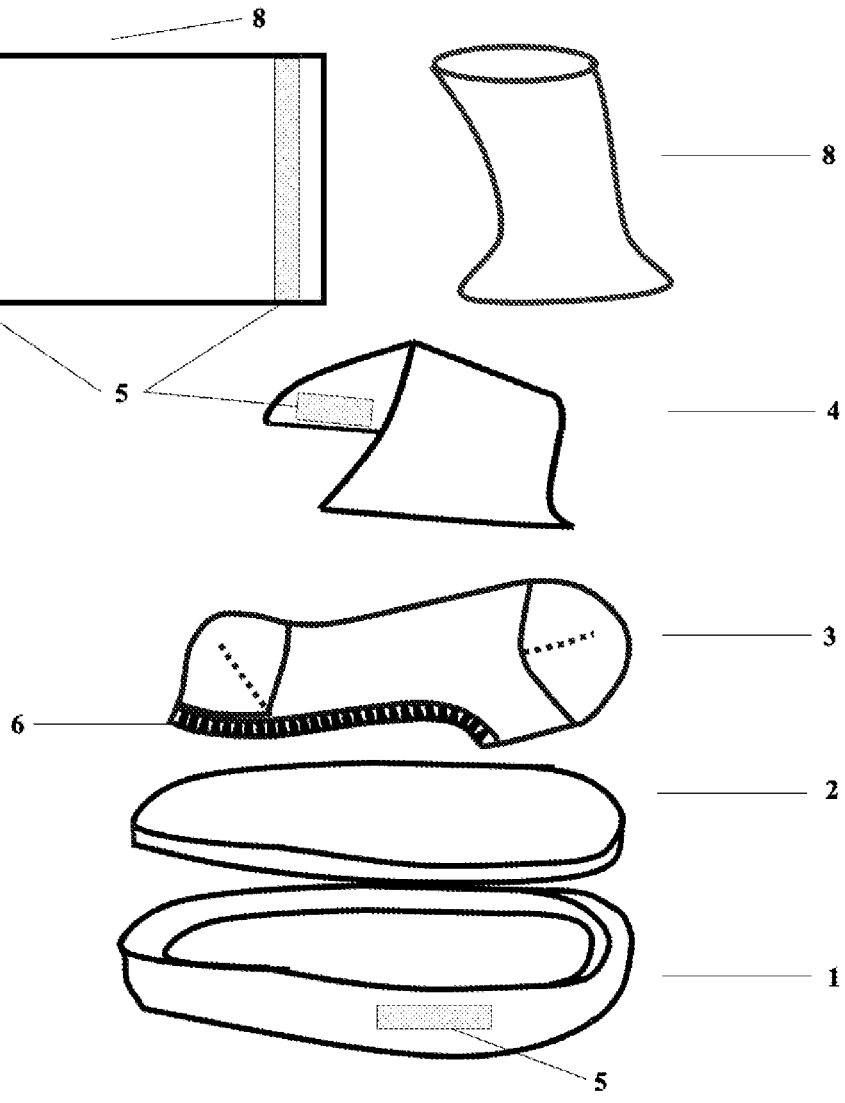
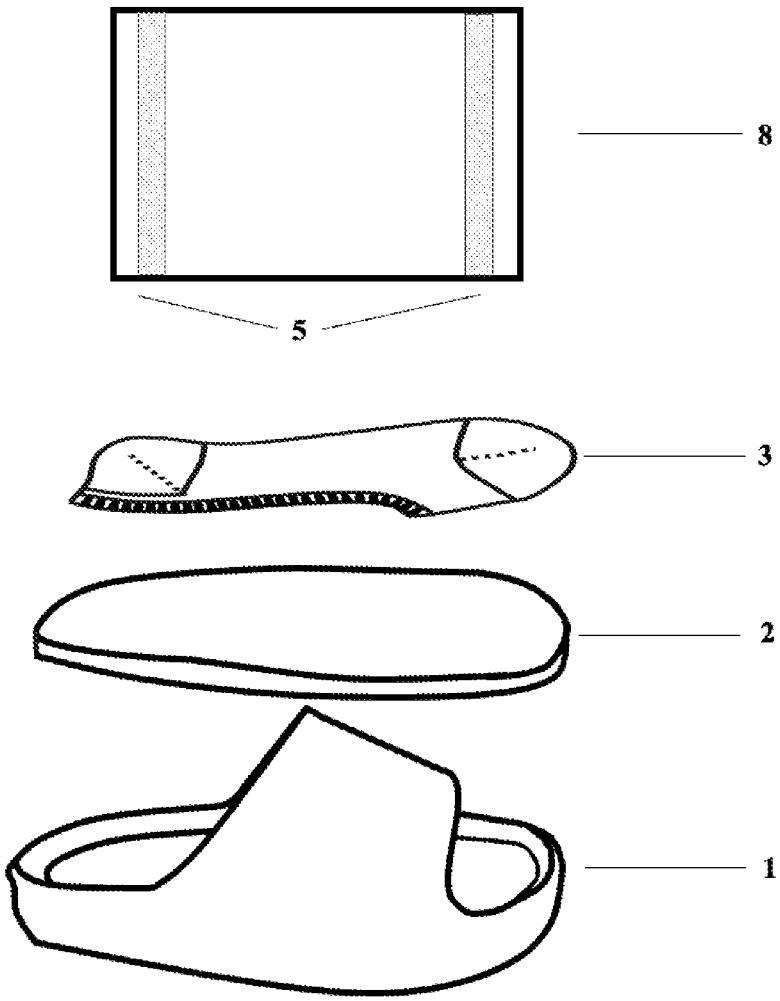


Figure 3



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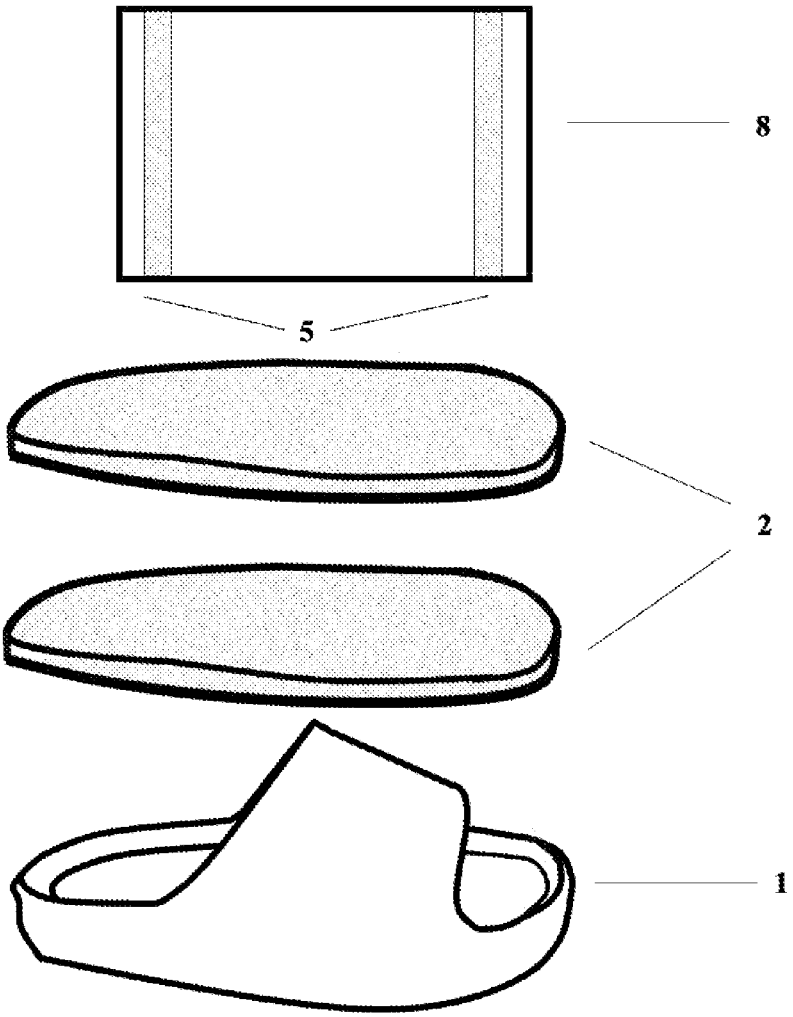

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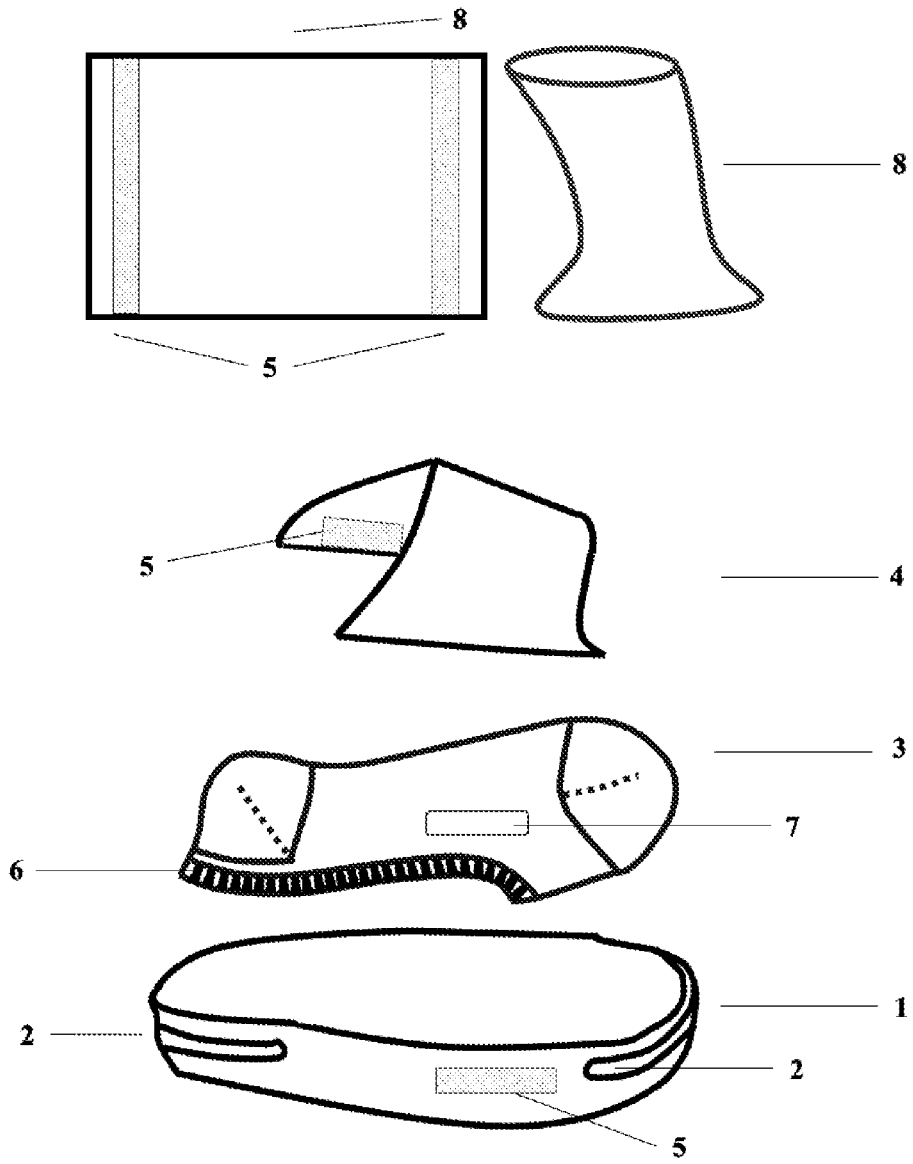

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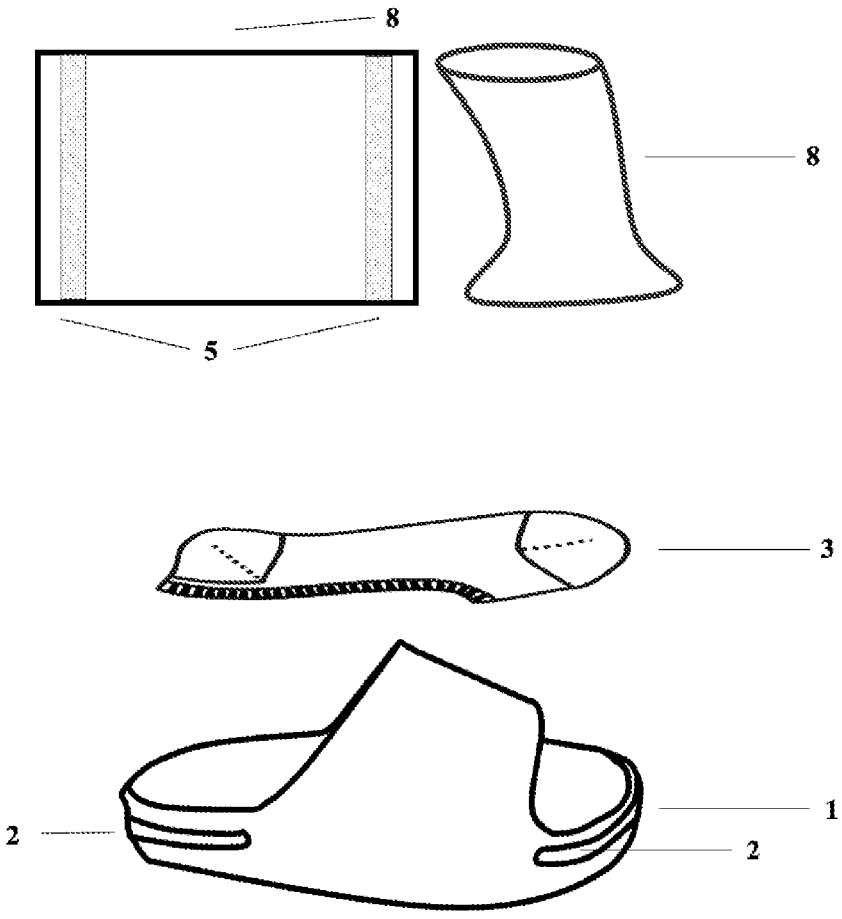
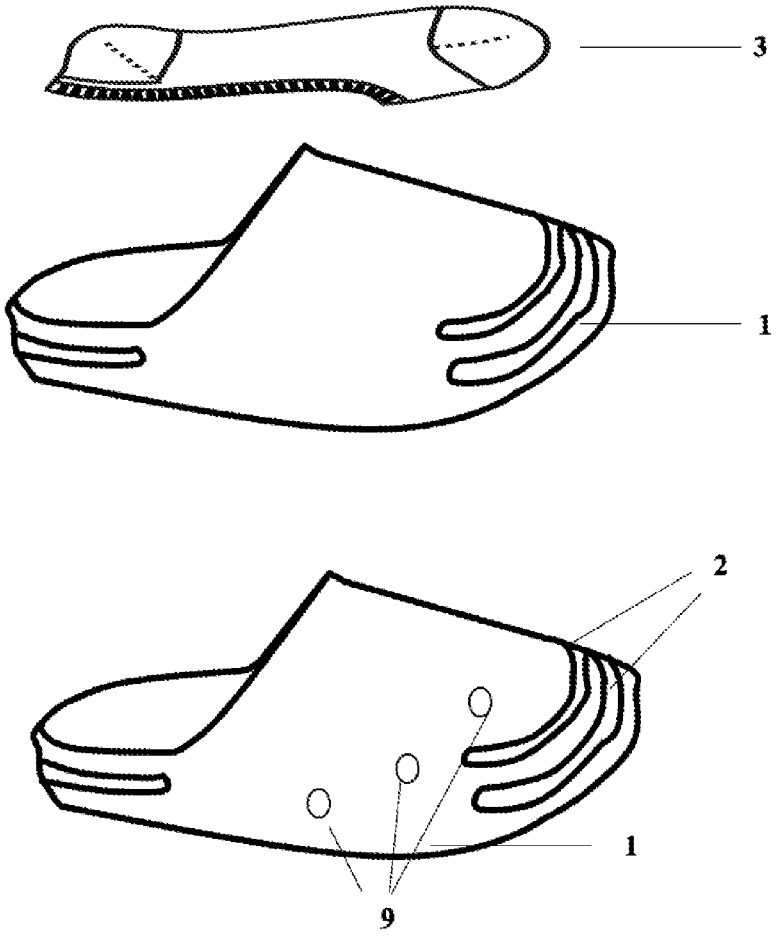


Figure 7



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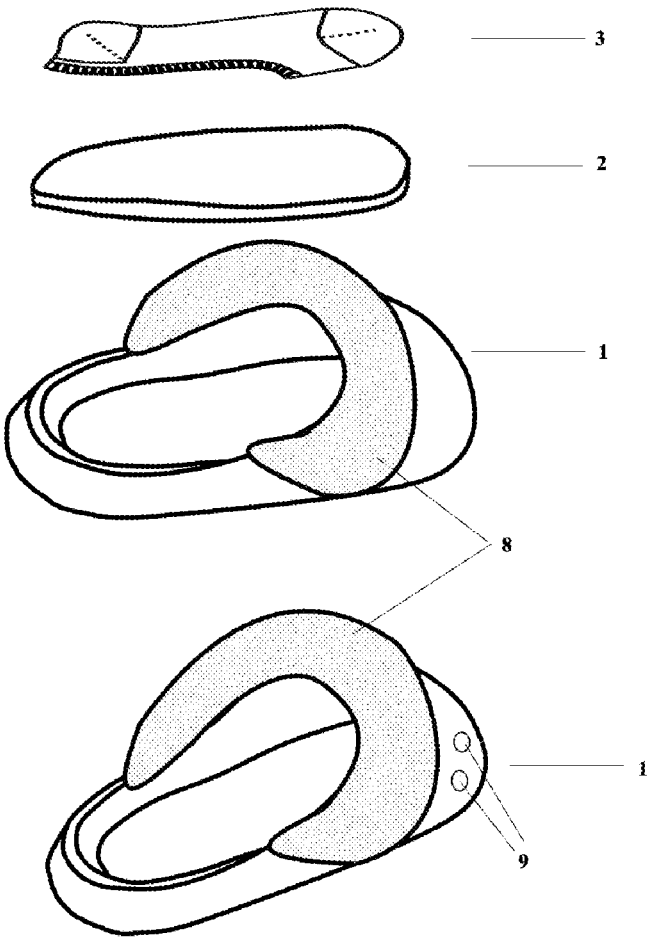

Figure 9

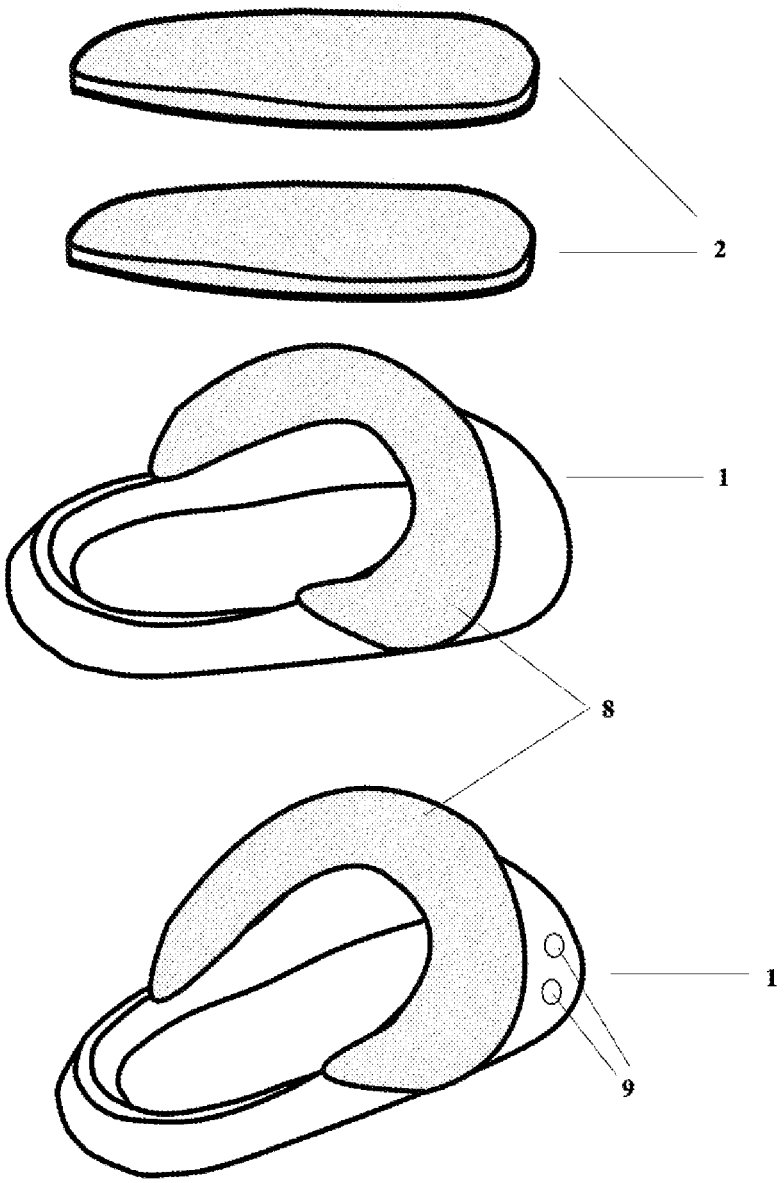

Figure 10

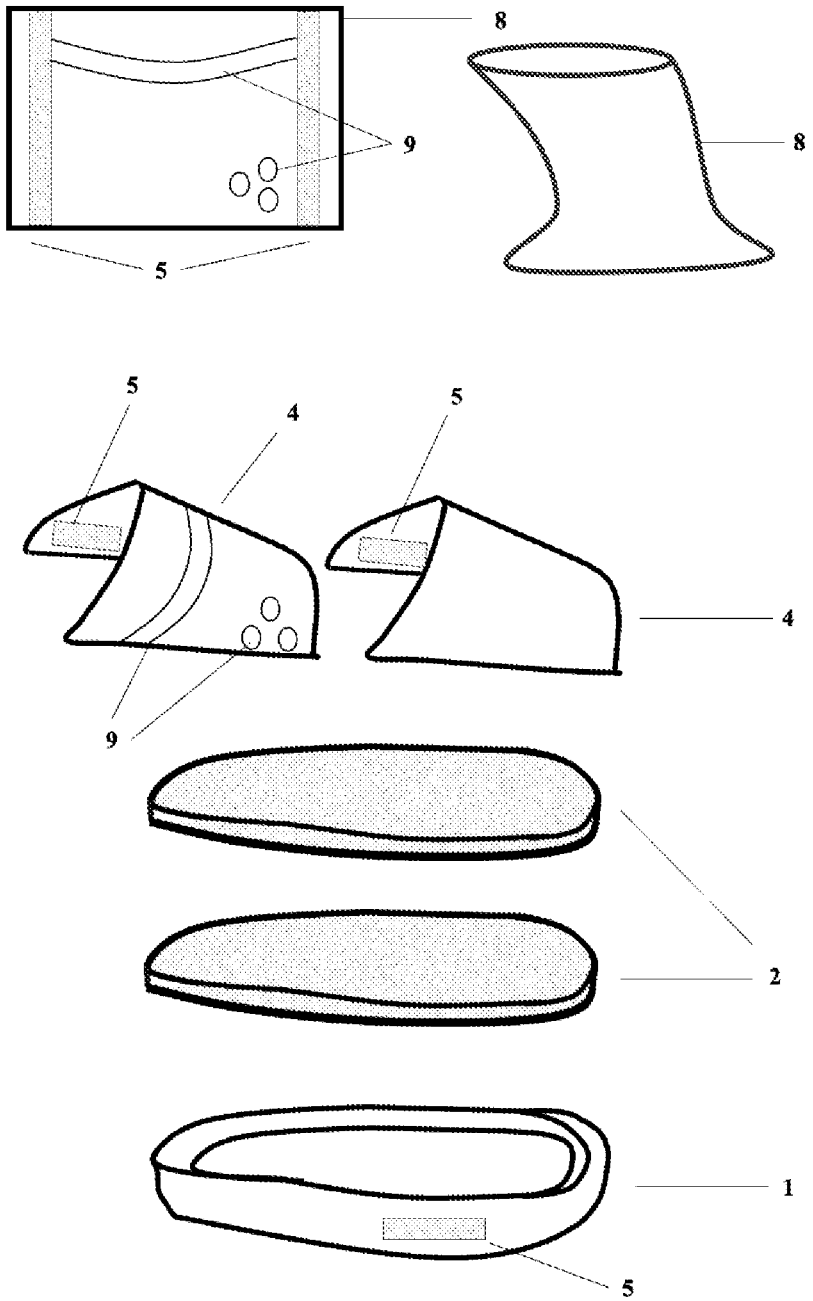

Figure 11

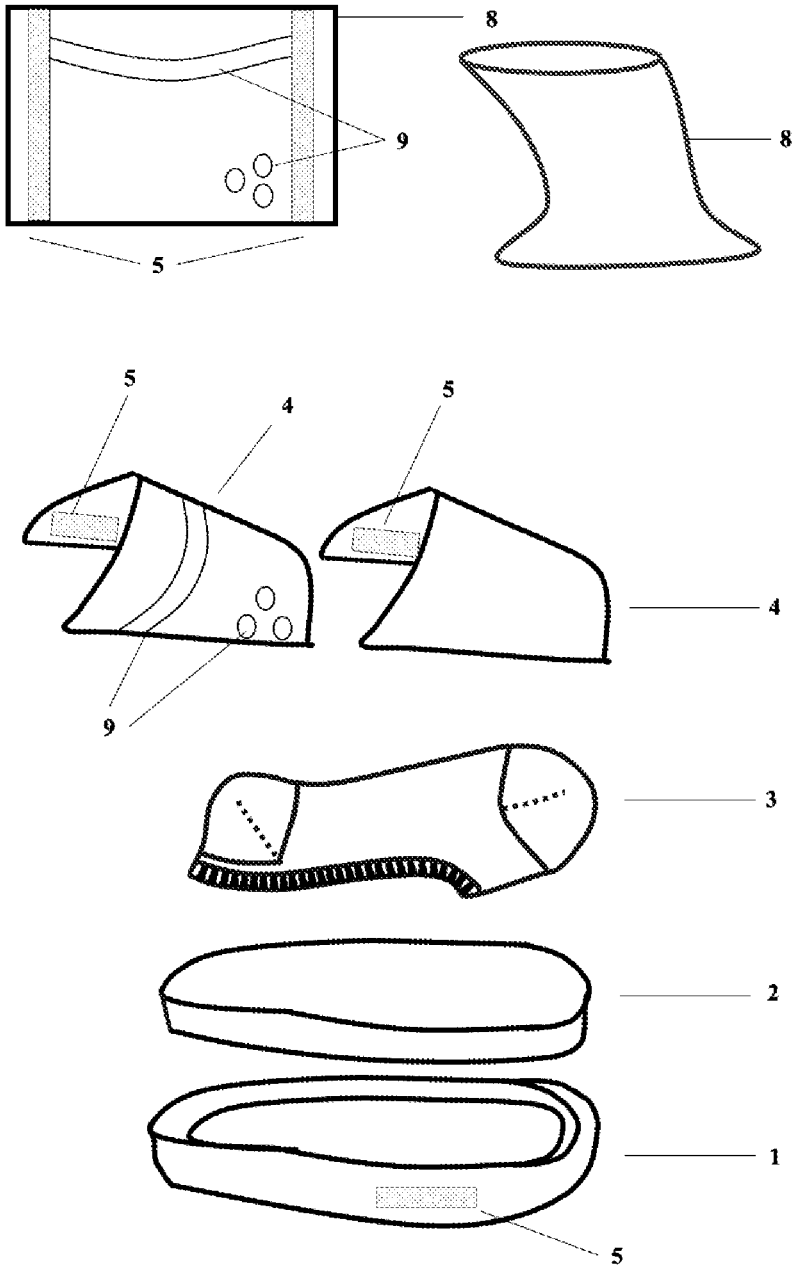

Figure 12

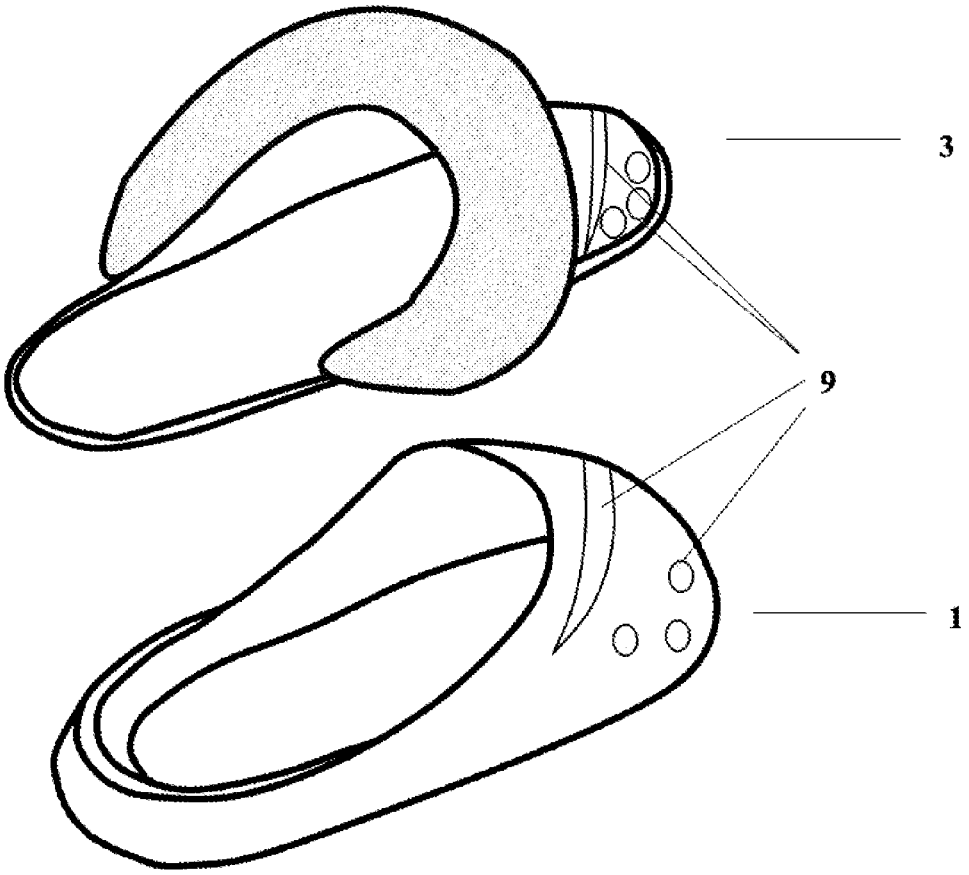

Figure 13

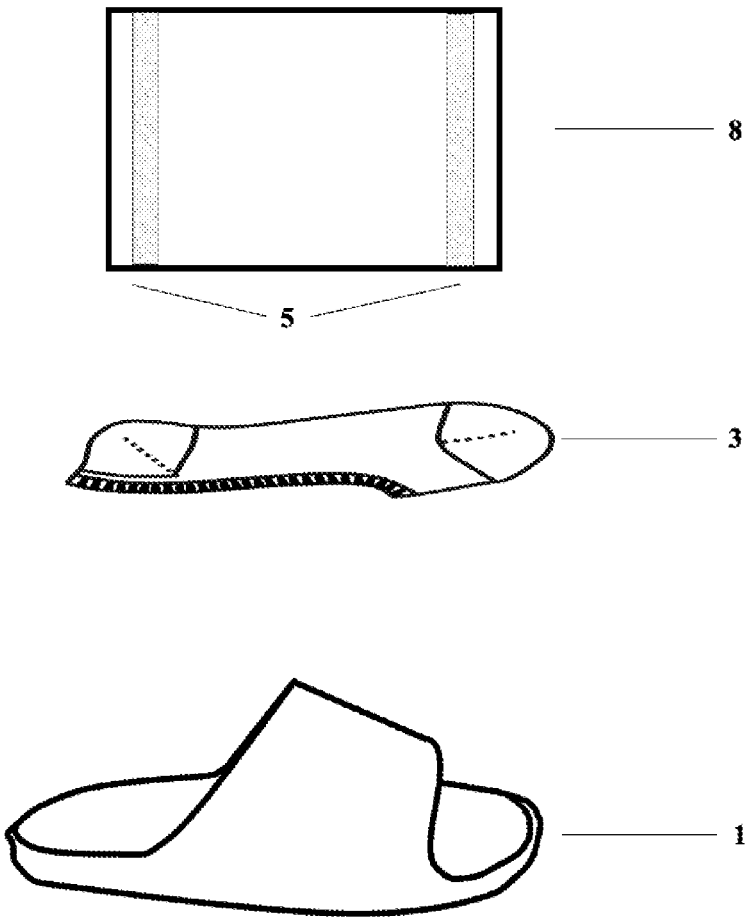

Figure 14

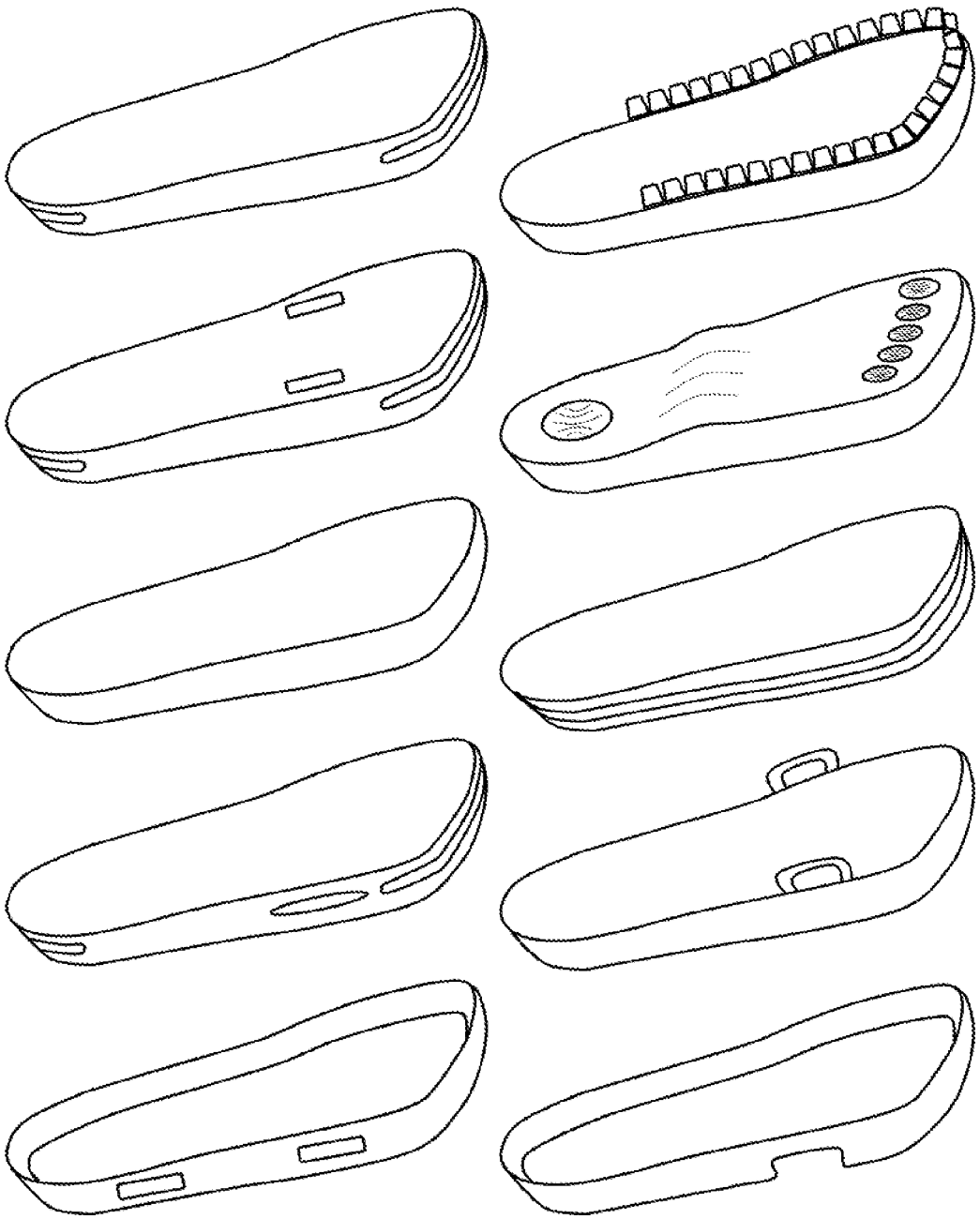

Figure 15

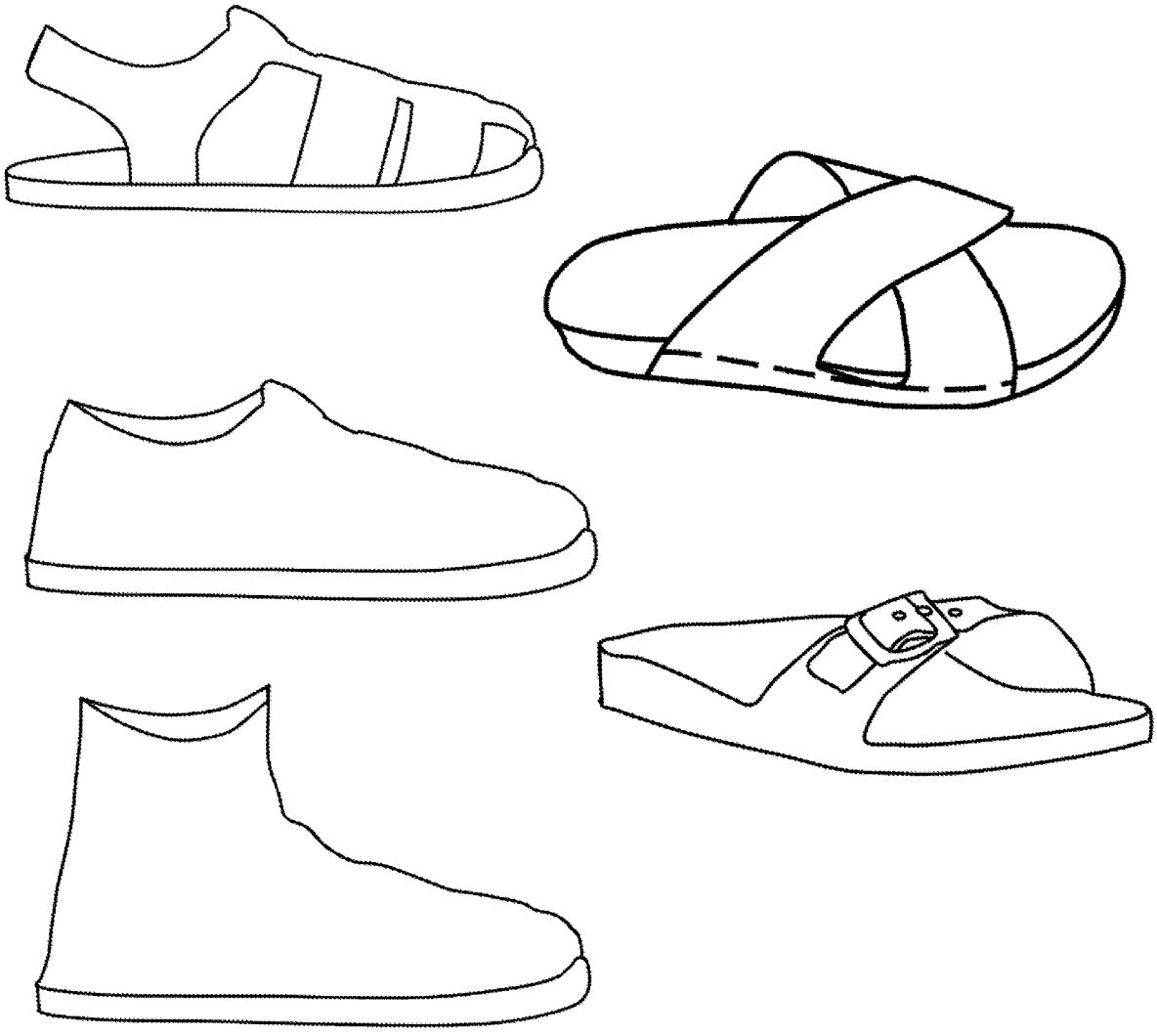

Figure 16

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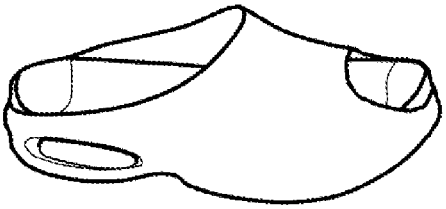

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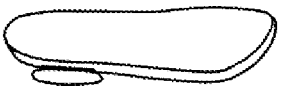

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INDOOR SLIPPERS FOR OUTSIDE FOOTWEAR AND REMOVABLE INSOLE SLIPPERS WITH/WITHOUT REMOVABLE UPPER PART

TECHNICAL FIELD

[0001] The utility models relate to the technical field of slippers, and particularly relates to the slippers with removable/replaceable insoles where also upper parts can be removable. Also, second related to the first invention includes slippers that provide better ventilation along with providing replaceable insoles. Also, third type of the invention is related to the cover/slippers for outdoor footwear. All three types of invented slippers can have an option with removable insole.

BACKGROUND

[0002] A slipper is a piece of footwear consisting of an upper part covering the instep and a base sole on which the foot is placed. Existing slippers typically have a single integrated insole that is permanently attached to the lower part of the slipper. Latest inventions include slippers where upper part is removable, insole is removable or some of the layers are removable (TWM623606U, U.S. Pat. Nos. 6,931,766B2, 1,286,446, JP2017104459A). Slippers are may be made of materials such as rubber, foam, leather or any other materials to provide varying levels of support and comfort. Currently slippers of different materials have were removable insoles that are also made from rubber, foam or similar materials. However, such slippers do not typically include in the pack customization or replacement of the insoles, which can be an issue for users who may want to replace the insoles due to wear, dirt and tear. There are inventions with closed-toes slippers where socks like insoles are removable and washable (U.S. Pat. Nos. 1,286,446, 1,066,596, CN202566498U). However, there are no such for open-toes slippers or for closed-toes slippers with ventilation holes. There is also invention where the cotton like material is pulled over to the outer side of the base of the slipper to wipe floors (KR20220000397U). However, such invention has reverse side of the "cloth" placement and has different purpose for the invention. Particularly, the purpose is to keep the floors clean with no focus on feet. One of the utility models on this patent includes slippers that aim to keep the floors clean by allowing them to be worn with shoes on. Slippers are often worn indoors barefoot, so they become dirty and wet inside easily. So, the inventions like machine washable slippers, closed-toes removable insole sleepers, breathable, moisture absorbing slippers were invented. However, they are still not fast to dry and requires time before wearing slippers again. The rubber, plastic and EVA slippers are worn and water resistant, easy to wash and dry, but less comfy to feet in terms of texture, sweat stimulation and smell. Cloth and leather slippers are more comfortable but lack of wear resistance and long to dry and easy to damage. Also, hotels and SPA use disposable slippers that are used only once and not comfortable to feet. So, combination of the removable and hygiene cloth with EVA/plastic and rubbers (or similar quality materials) base soles contains benefits of both types of slippers and also be used in hotels and SPAs. Moreover, if rubber, plastic and EVA part of the slippers and disposable slippers will be thrown away less frequently, it will result in less waste and pollution. Therefore, there is a need for slippers with removable insoles that can be easily replaced and customized to meet the needs of the user and to reduce pollution. Also, there is a need of the slippers that can be worn with shoes on, so people can wear them without taking off the outdoor footwear.

BRIEF SUMMARY OF THE INVENTION

[0003] The invention addresses the limitations of traditional slippers that have a single integrated sole and do not allow for customization or replacement of the insole/socks in open-toes and closed-toes with holes slippers and/or with removable and replaceable upper part and/or when upper part sock is attached to the upper part and is also removable and replaceable. With the present invention, users can easily replace the sock/insole as needed to provide more clean and fresh experience of wearing slippers. Moreover, socks can be of different colors and design, which makes slippers customizable according to users taste and preferences in that matter.

[0004] Depending on the design of the slippers the socks could also be specially designed or stitched to fit snugly over the removable insole or base of the slippers, providing maximum comfort and support. Also, the base part of traditional slippers is usually thrown away due to the wear of other parts, so the current invention allows to reduce waste produced by slippers, by making easily damaging parts removable and replaceable.

[0005] The inventions variation where the detachable and washable slippers where outer sole and upper part could be removed simultaneously and separately from each other and from the base part is particularly useful for hotels and SPA industry. Considering amounts of existing disposable slippers just in hotel industry, the amount of waste could be significantly reduced while benefiting on costs spend on slippers.

[0006] Removable and replaceable cloth part that are can be washed and dried faster, while replacing cloths/socks of insole and of upper part provide hygiene and more comfort to hide and SPA guests. Base parts and overall slippers can be made from different materials like rubber, EVA, TPU and etc. Same is for cloth part that can be made from variety of cottons and other materials compositions.

[0007] The slippers model that is design to be worn over the outdoor footwear, can also have removable and replaceable sock insole to make the slippers long lasting.

[0008] Compared with the prior art, the beneficial effects of the utility models are that: Sock/insole and cloth part of the upper part or replaceable upper part can be easily removed and replaced and washed, which reduces waste produced by slippers in households and hotels and SPA industry. Slippers for outdoor footwear benefit people who don't want to remove the outdoor footwear and walk inside home.

[0009] The advantages and features of novelty characterizing the present invention are pointed out with particularity in the appended claims. To gain an improved understanding of the advantages and features of novelty reference may be made to the following descriptive matter and accompanying drawings that describe and illustrate various embodiments and concepts related to the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] There are 16 figures in total that has designated numeration of the slipper's parts: **1**—base part of the slipper,

2—removable internal hard insole or slots on base for sock insole, **3**—replaceable sock insole, **4**—upper part that could be or not removable and replaceable, **5**—means of attachment of upper part with base or means of attachment cloth that covers the upper part, **6**—attachment means of the sock insole or mean of attachment on base/hard insole, so sock insole holds better to the base part or to the hard insole part, **7**—slots/holes in sock insole **8**—a removable cloth to cover the upper part, **9**—gaps/holes on upper part for better ventilation. According to numbers are used in all figures, despite presence of all parts on a figure, **10**—assembled slipper with all parts.

[0011] FIG. **1** is the disassembled open-toes slipper where main parts are named by numbers: **1**—base part of the slipper, **2**—removable internal hard insole, **3**—replaceable sock insole, **4**—upper part that could be or not removable and replaceable.

[0012] FIG. **2** is another type of disassembled open-toes slippers. **1**—base part of the slipper, **2**—removable internal hard insole, **3**—replaceable sock insole, **4**—upper part that could be or not removable and replaceable, **5**—means of attachment of upper part with base and means of attachments of cover for upper part, **6**—attachment means of the sock insole, so it holds better to the base part or to the hard insole part, **8**—a removable cloth to cover the upper part.

[0013] FIG. **3** is open-toes slipper consists of base part is one piece with the upper part (not removable) (**1**), **2**—removable internal hard insole, **3**—replaceable sock insole, **5**—means of attachment cloth that covers the upper part, **8**—a removable cloth to cover the upper part.

[0014] FIG. **4** is open-toes slipper that consists of **1**—base part together with upper part, **2**—a pair of replaceable hard insole that is covered in cloth and can be cleaned (so (**3**) sock insoles glued/stitched together). So, the slippers are sold with the extra pair of hard insoles covered in cloth. **5**—means of attachment for the cloth that covers the upper part, **8**—a removable cloth to cover the upper part.

[0015] FIG. **5** is an open-toes slipper where the replaceable sock insole (**3**) directly gets attached to the base part (**1**) that is specially designed for that for example has special slots (**2**). So, there is no internal hard insole. Upper part (**4**) can be removable and attached by means of attachment (**5**) to the base. Also means of attachment (**5**) are on cloth that is used to cover the upper part (**8**). Another means of attachment (**6**) are in insole socks to hold on to the base part and slots (**2**). Also, slots (**7**) are in the insole socks (**3**) to make upper part detachable.

[0016] FIG. **6** is an open-toes slipper that consists of **1**—base part that is one piece with upper part, **3**—replaceable sock insole that directly gets attached to the base part (**1**) that is specially designed for that for example has special slots (**2**), **5**—means of attachment cloth that covers the upper part, **8**—a removable cloth to cover the upper part.

[0017] FIG. **7** is closed-toes slipper where **1** is the base that is one piece with upper part, **2**—special slots in the base and upper part to make insole sock (**3**) attachable, **9**—gaps/holes on upper part for better ventilation.

[0018] FIG. **8** is closed-toes slipper where **1** is the base that is one piece with upper part in two options with holes for ventilation (**9**) and without, **2**—hard insole, **3**—sock insole, **8**—cloth that covers upper part (optional).

[0019] FIG. **9** is closed-toe slipper where **1** is the base that is one piece with upper part in two options with holes for ventilation (**9**) and without, **2**—a pair of replaceable hard insole that is covered in cloth and can be cleaned (so sock insoles (**3**) glued/stitched together). So, the slippers are sold with the extra pair of hard insole covered in cloth, **8**—cloth that covers upper part (optional), **9**—ventilation holes (optional).

[0020] FIG. **10** is a disassembled closed-toes slippers, where **1**—base part of the slipper, **2**—a pair of replaceable hard insole that is covered in cloth and can be cleaned (so sock insole (**3**) glued/stitched together), **4**—upper part that could be or not removable and replaceable, **5**—means of attachment of upper part with base and cover of part, **8**—a removable cloth to cover the upper part (optional), **9**—ventilation holes (optional).

[0021] FIG. **11** is a disassembled closed-toes slippers, where **1**—base part of the slipper, **2**—a replaceable hard insole, **3**—sock insole, **4**—upper part that could be or not removable and replaceable, **5**—means of attachment of upper part with base, **8**—a removable cloth to cover the upper part (optional), **9**—ventilation holes (optional).

[0022] FIG. **12** is closed-toes slippers, where **1**—base part that is one piece with upper part and has ventilation holes (**9**), **3**—internal cloth/sock with upper part that also has ventilation holes (**9**).

[0023] FIG. **13** is open-toes slipper, where **1**—open-toes slipper base that is one piece with upper part (can also be removable upper part), **3**—insole sock, **5**—means of attachment of cloth to upper part, **8**—removable cloth that covers over the upper part (optional).

[0024] FIG. **14** is examples of types of bases (not exhaustive or limited to the drawings).

[0025] FIG. **15** is examples of types of upper parts (not exhaustive or limited to the drawings).

[0026] FIG. **16** is the example of the how diverse the design of the slipper can be where the patented utility model is applied, **1**—base part with upper part as one piece, **2**—a replaceable hard insole, **3**—insole sock, **10**—assembled slipper with all parts.

[0027] As this utility patent can be combined with very wide range of design of sandals and slippers, the drawings don't include all possible designs of bases, hard insoles, sock insoles, upper parts, and all other parts that are possible.

[0028] Detailed description and explanation of the drawings are in detailed description of invention part of this utility patent.

DETAILED DESCRIPTION OF THE INVENTION

[0029] For the purposes, technical solutions and advantages of the present application, the technical solutions of the present application will be clearly described below with reference to specific embodiments of the present application and corresponding drawings. It will be apparent that the described embodiments are only some, but not all, of the embodiments of the present application. All other embodiments, which can be made by one of ordinary skill in the art without undue burden from the present disclosure, are within the scope of the present disclosure.

[0030] There are three main utility designs of slippers covered in this patent that are interrelated through the variations of them. Even though the patent application describes the utility models in slippers, the models can be applied to sandals and different types of footwear. The main idea of the first invention is to make slippers that have

removable and replaceable insole in different variations. The second main utility invention is the closed-toes slippers with ventilation holes that can have removable insoles like in the first utility design invention. The third utility design of the invented slippers is all variations of the first two utility designs and regular slippers but in extra-large size and more tall upper part that can fit the feet with outdoor footwear on them, so user can walk in them inside the house without making the floor dirty but still wearing the outdoor footwear.

[0031] All utility design inventions are covered by 26 claims out of which 8 are independent. The utility designs and its variations schematically presented on the drawings, but not limited to the drawings.

[0032] FIG. **1** represents main idea of the first utility design (claim **1**) showing the invented slipper in a disassembled manner. It is an insole sock (FIG. **1** n**3**) that is pulled over by elastic band (or placed by different attachment means) over the removable hard insole (FIG. **1** n**2**) and then places into the base part of the slipper (FIG. **1** n**1**) that can have upper part (FIG. **1** n**4**) as one piece or as a removable part. This is the main utility design that will be varied in sizes, design, presence of absence of some parts and means of attachment of parts with each other.

[0033] Same invention as per claim **1** where sock insole is pulled over the hard insole, that then is placed into the base are showed on FIGS. **1**, **2**, **3**, **8**, **11**, **16**. Dependent claims **2** and **3** states that apart from sock insole that is pulled over the hard insole, invention in addition covers footwear that have feature of the claim **1** and have a) removable upper part (open and closed-toes), b) not removable upper part (open and closed-toes), c) upper part (open and closed-toes, removable and not removable) with ventilation holes, d) upper part (open and closed-toes, removable and not removable, with and without ventilation holes) that have removable cloth cover, e) upper part (open and closed-toes, removable and not removable, with and without ventilation holes, with and without removable cloth cover over the upper part) with ventilation holes on cloth cover over the upper part. Closed-toes variation of the claim **1** is placed into the independent claim **14**. Claim **15** that is depended of claim **14** and claim **7** depended of claim **1** clarify that all possible variations (stated above as a, b, c, e) of the closed-toes and open-toes slippers are also covered by the patent. Moreover, slippers can have very wide variety of attachments means of how slippers parts are attached to each other and all different possible designs of slippers and its parts, if contains the insole sock pulled over the hard insole are also covered by the current utility patent. Attachment means can be (but not limited to) elastic bands, zip, magnets, clips, hook and loop fastener, glue, ropes, snap buttons, snaps/interlocks system, buttons, fasteners and other possible means of attachments and accessories. Also, endless variety of designs of the slippers and footwear that can have very different base parts, hard insoles, sock insoles, upper parts and even other possible parts are covered by claims of this patent as long as they contain a feature of sock insole that is pulled over/attached by means to the hard insole. To cover different means of attachment and all possible designs in slippers/footwear when sock insole is pulled over the hard insole and then placed/attached into the base are covered by claim **7**, **15**. The drawings on FIGS. **14**, **15**, **16** and **2**, **3**, **8**, **11** is schematic examples of how different designs and functionality can be and attachment means placed.

[0034] Claim **4** is dependent claim of the claim **1**, where one means of attachment by glue/stitching of removable insole sock to the removable hard insole is emphasized, because it looks like one whole piece/part and may have offered second replacement piece of it in the same box or store. Schematic drawings are presented in FIGS. **4**, **9**, **10**. Closed toes variation of the claim **4** is placed into the independent claim **16**. Claim **17** that is depended of claim **16** and claim **7**—depended of claim **1**, claims **5**, **6** that are depended claims of claim **4** clarify that all possible alterations in details, design and functionality (stated earlier as a, b, c, e) of the closed-toes and open-toes slippers are also covered by the patent. FIGS. **4**, **9**, **10**, **14**, **15**, **16** represent schematically and as examples not exhaustively the claims **4**, **5**, **6**, **7**, **16** and **17**, while also visualizing how and where different designs and functionality can be and attachment means placed.

[0035] Claim **8** with schematic FIG. **13** states that replaceable sock insole can be directly attached/pulled over the base/slipper and can have wide variety of designs and additional removable parts as cloth for upper part, upper parts itself, attachment means, designs, etc.

[0036] Claim **9** is also like a derivative from claim **8**, but it has design of the base with insert spaces/slots/attachment means or without them that allows the sock insole to be attached/pulled over to the base directly into those inserts/slots/attachments or to the base. Such design of the base keeps the sock insole away from touching the floor and removes necessity of the separate removal hard insole to make sock insole attachable and removable, which eases the production process and may reduce materials used. FIGS. **5**, **6**, **7** show schematically (similarly to the previous claims in this patent) that upper part can be open/closed-toes, together one piece with base or removable (claim **10**), with removable cloth over the upper part or without (claim **11**), as well as showing that base parts can be of very different designs to make the insole sock and upper part directly attachable to the base by different means of attachment (claim **13**) or special designs of the base and other parts and means of attachment that will allow that (claim **12**). Base and other parts examples and drawings are not exhaustive and can be limitless, as long as the utility patent of removable insole sock can be attached into the base part and/or without having the upper part removable and other parts. FIGS. **14**, **15** contains some examples (not limited to them) how base can be designed to make a hold of the sock insole and upper part. Base can have short insert spaces for insole socks and upper parts, long all around insert spaces or layers and holes, so sock insole and upper parts can be attached, some holes or indents or ears can be on the base part to make different designs of upper parts attached to the base. Also, wide variety of attachment means can be used for the same purposes to make sock insole and/or other parts of the slippers/footwear removable.

[0037] The closed-toes slippers with functionality of having the sock insole pulled on/attached to the base part is mentioned in a separate independent claim **18**. Such slippers can also have ventilation holes to make the slippers more comfortable to wear. As previous models these slippers can also have wide variety of designs and additional removable parts as cloth for upper part, attachment means, designs, upper parts itself which can be removable or not removable and etc. FIGS. **7** show schematically how one of the variations of utility design claimed may look like.

[0038] Independent claim **19** is also related to the closed-toe slippers, where the main utility design idea of having removable insole (internal cloth/sock) is preserved. However, this claim covers the removable insole that is stitched together with the upper part, where it has ventilation holes similar to the ones on upper part that is one piece with the base part. FIG. **12** represents one the variations how slippers following the claim **19** may look like. Some extra parts, details, attachment means and designs can vary but still covered by this patent claim when the removable internal insole sock and the upper part have ventilation holes.

[0039] Main idea of claim **20** is to produce slippers of giant/large size that can be worn with the outdoor footwear on. Such slippers will keep the floors clean while allowing people to walk indoors with their outdoor shoes on. Such giant slippers can be of different shapes and designs as long as there are big sizes that fit the feet with outdoor footwear on, that's why the FIGS. **1-16** are also suitable to that claim. Claims **21**, **22**, **23**, **24**, **25**, **26** state and repeat claims **1-20** of this patent, as all the utility designs described can be used in giant size slippers. Slippers for outdoor footwear to use indoors (claim **20**) can benefit from the removable insoles, upper parts and etc., to have them also customizable, easy to clean and to prolong lifespan of them.

1. Replaceable sock insole that is pulled over/attached to the removable hard insole that in its turn is then placed/attached into the base sole with the upper part like in figures {FIGS. **1**, **2**, **3**, **8**, **11**, **16**} (both closed and open toes).

2. Replaceable sock insole as in claim **1**, wherein said that sock insole is pulled over/attached to the removable hard insole that in its turn is then placed/attached into the base sole can be in the variation where the upper part can be also removable and replaceable and can have or not have holes for ventilation {FIGS. **1**, **2**, **8**, **11**}.

3. Replaceable sock insole as in claim **1**, wherein said that sock insole is pulled over/attached the removable hard insole that in it turn is then placed/attached into the base sole with the upper part, can be in the variation where upper part has the removable cloth over that can be attached by different means and can be or cannot be with removable upper part itself {FIGS. **2**, **3**, **11**}.

4. Another variation is when a replaceable sock insole as in claim **1**, wherein said sock insole that is glued/stitched to the removable hard insole (so it seems like one part) and have such replaceable second pair of the hard insole with sock that are then placed/attached into the base sole with the upper part (upper part can also be removable and replaceable). {FIGS. **4**, **9**, **10**}.

5. Another variation is when a replaceable sock insole as in claim **4**, wherein said sock that is pulled over/attached to the removable hard insole that is glued/stitched together and have replaceable second pair of the hard insole with sock that are then placed/attached into the base sole with the upper part, where upper part has the removable cloth over that can be attached by different means {FIGS. **4**, **9**, **10**}.

6. Another variation is when a replaceable sock insole as in claim **4**m wherein said the sock that is pulled over/attached to the removable hard insole that is glued/stitched together and have replaceable second pair of the hard insole with sock that are then placed into/attached to the base sole with the upper part, where upper part can be also removable and replaceable with or without removable cloth over it {FIGS. **4**, **10**}.

7. Another variation is when a replaceable sock insole as in claim **1**, wherein said the sock that is pulled over/attached/glued or stitched to the removable hard insole that in its turn is then placed/attached to in the base sole with the upper part can have wide range of design of base (some examples in FIG. **14**), and can have wide range of replaceable hard insoles according to the base part (some example in FIG. **16**), and can have wide range different designs and attachment means of upper parts and socks insoles, hard insoles to bases that are not limited to "pulled over" attachment mean, and can also have different elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. (some example of upper parts in FIG. **15**).

8. Replaceable sock insole that is pulled over/attached to the base sole with upper part as in FIG. {**13**} can also have upper part removable and can also have cloth cover for upper part and variety of attachment means of parts to each other and designs and can also have different elements including (but not limited to) electric ones, adjustable sizes, sensors and etc.

9. Replaceable sock insole that is pulled over/attached to the base with insert space in it or without the insert spaces (for sock insole) with closed and open -toes upper part as in FIGS. {**5**, **6**, **7**}.

10. As in claim **9**, wherein said that replaceable sock insole that is pulled over/attached to the base with insert space in it or without insert spaces can have a variation, where upper part is also removable and replaceable both in closed and open-toes upper parts FIG. {**5**}.

11. As in claim **9**, wherein said that replaceable sock insole that is pulled over/attached to the base with insert space in it or without insert spaces, where closed or open-toes upper part can have the removable cloth over that can be attached by different means and can be (as in claim **10**) or cannot be with removable upper part itself FIGS. {**5**, **6**, **7**}.

12. As in claim **9**, wherein said replaceable sock insole that is pulled over/attached to the base with insert space in it or without insert spaces, where closed and open-toes upper part can have the removable cloth over that can be attached by different means and can be or cannot be with removable upper part itself, also can have wide range different designs of upper parts, attachment means of upper parts and/or socks insoles to the base and ventilation holes and can also have different elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. (some example of upper parts in FIG. **15**). FIGS. {**5**, **6**, **7**, **14**, **15**}.

13. As in claim **9**, wherein said replaceable sock insole that is pulled over/attached to the base with insert space in it or without insert spaces (for sock insole) with upper part from claim **9** or from claim **10**, where base can have different designs to make all other parts of the slipper/footwear attachable and replaceable along with having different designs of base for the other purposes like orthopedic, acupuncture, sliced and etc. and can also have different elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. (FIG. **14**).

14. Replaceable sock insole that is pulled over/attached to the hard insole that in its turn is then placed/attached into the base sole with the closed-toes upper part, where upper part can have or don't have as holes of different shapes for ventilation FIGS. {**8**, **11**}.

15. As in claim **14**, wherein said replaceable sock insole that is pulled over/attached the hard insole that in it's turn is

then placed/attached into the base sole with the closed-toes upper part, where upper part can have or don't have holes of different shapes for ventilation can also have or not have upper part that is removable and replaceable with different attachment means, also can have or not have cloth cover over the upper part, and can other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. FIG. {**11**}.

16. Replaceable sock insole that is glued or stitched together with the hard insole that in it's turn is then placed/attached into the base sole with the closed-toes upper part, where upper part can have or don't have holes of different shapes for ventilation FIGS. {**9**, **10**}.

17. As in claim **16**, wherein said replaceable sock insole that is glued or stitched together with the hard insole that in it's turn is then placed/attached into the base sole with the closed-toes upper part, where upper part can have or don't have holes of different shapes for ventilation, can also have or not have upper part that is removable and replaceable with different attachment means, also can have or not have cloth cover over the upper part FIG. {**10**}, also the upper part can have wide range of design of base (some examples in FIG. **14**), and can have wide range of replaceable hard insoles according to the base part (some example in FIG. **16**), and can have wide range different designs and attachment means of upper parts and socks insoles , hard insoles to bases that are not limited to "pulled over" attachment mean (some example of upper parts in FIG. **15**) and can other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc.

18. Replaceable sock insole that is pulled over the base part into insert spaces with closed-toes upper part, where upper part can have or don't have holes of different shapes for ventilation; such slippers can also be in different designs with variety of attachment means and with removable and not removable parts of the slippers and can other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. FIG. {**7**}.

19. Closed-toes slippers, where replaceable cloth insoles with closed-toes upper part of insole is inserted/attached into the base part that is also closed-toes upper part; both insole's and base part's upper parts have identical/similar holes for ventilation as in figure FIG. {**12**}. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

20. Slippers with open and closed-toes of giant size that can be worn by the feet with outer footwear on, where upper parts can be or not be removable, which in its (upper part) turn can have cloth cover that is also can be or cannot be removable (FIG. **1**-**16**).

21. As in claim **20**, wherein said slippers with open and closed-toes of giant size that can be worn by the feet with shoes/boots on can have or not have replaceable sock insole that is pulled over/attached to the removable hard insole that in its turn is then placed/attached into the base sole with the upper part like in figures {FIGS. **1**, **2**, **3**, **8**, **11**, **16**}. All variations mentioned in claims **2**, **3**, **14**, **15** is also applicable to a giant size slippers. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

22. As in claim **20**, wherein said slippers with open and closed-toes of giant size that can be worn by the feet with outer footwear on, where upper parts can be or not be removable, which in it's (upper part) turn can have cloth cover that is also can be or cannot be removable can have a variation where a base has insert space for pulled over sock insoles. (FIGS. **5**, **6**, **7**, **16**). All variations mentioned in claims **9**, **10**,**11**, **12**,**13**, **18** are also applicable to a giant size slippers. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

23. As in claim **20**, wherein said slippers with open and closed-toes of giant size that can be worn by the feet with outer footwear on, where upper parts can be or not be removable, which in it's (upper part) turn can have cloth cover that is also can be or cannot be removable can have a variation where hard insole is glued/stitched together with sock insole/cloth. (FIGS. **4**, **9**, **10**). All variations mentioned in claims **4**, **5**, **6**, **7**, **16**, **17** are also applicable to a giant size slippers. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

24. As in claim **20**, wherein said slippers with open and closed-toes of giant size that can be worn by the feet with outer footwear on, where upper parts can be or not be removable, which in it's (upper part) turn can have cloth cover that is also can be or cannot be removable can have or not have a sock insole pulled over the base of the slipper itself (FIG. **13**). All variations mentioned in claim **8** are also applicable to a giant size slippers. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

25. As in claim **20**, wherein said the slippers with open and closed-toes of giant size that can be worn by the feet with outer footwear on, where upper parts can be or not be removable, which in it's (upper part) turn can have cloth cover that is also can be or cannot be removable can have a closed-toes design of base that is one piece with upper part, where part has ventilation holes and insert sock has the upper part also with ventilation holes (FIG. **12**). All variations mentioned in claim **19** are also applicable to a giant size slippers. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

26. As in claim **25**, wherein said slippers with open and closed toes of giant size as per claims **20**-**25** can have wide range of design of base (some examples in FIG. **14**), and can have wide range of replaceable hard insoles according to the base part (some example in FIG. **16**), and can have wide range different designs and attachment means of upper parts and socks insoles (some example of upper parts in FIG. **15**), where all parts can be or not be removable and replaceable. Claims **1**-**19** are all applicable to the giant size versions of claim **20**. Attachment means, details, extra parts and designs and other features and elements including (but not limited to) electric ones, adjustable sizes, sensors and etc. may vary while keeping the main idea of the claim.

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