

## Prior Art

26 May, 2015

Attn: Philip Cressman  
265 Shakespeare Dr.  
Waterloo, Ontario, Canada  
N2L 2T8

RE: Patentability search, device for generating and introducing menthol vapours into nasal passages.

Dear Mr. Cressman:

Enclosed are the results of my novelty search on the subject above, conducted on the PatBase and Orbit database resources, focusing primarily on the most recent 60 years of international patents and published patent applications. I am sending the digital patent file in PDF format by email.

As requested I searched for utility patents and pending patent applications for a nasal mask as you disclosed, incorporating the following features.

*Adhesive medical plasters containing menthol and or Capsicum in liquid or gel form are commonly used for treatment of strains/sprains and muscle aches. A similar plaster could be produced containing menthol which could be applied to inside or outside of the nasal mask!*

Package "A" following contains the best results of my search for replaceable plasters or packs which can be inserted in a nasal mask. Some of these patent documents have been badly translated, but for instance in PCT application WO2008111419 an adhesive plaster element is clearly illustrated in the first drawing.

PACKAGE "A"

Face Mask System

US20140237695

A face mask system for effectively dispensing a medication and/or scented material to a user. The face mask system generally includes a face mask with a medication and/or scented material that is dispensed to a wearer of the face mask via the air breathed into the respiratory system. The medication is dispensed via a medicated cover that is removably attached to the face mask. Alternatively, medicated strips are attached to the face mask to dispense the medication to the wearer of the face mask. One or more deflectors are attached to an upper portion of the face mask to deflect the medication from contacting the eyes of the wearer when worn at daytime. The medicated cover 30 and medicated strips 50 may be comprised of vapor pads impregnated with menthol that release relieving menthol vapors gradually to the user to provide breathing comfort to the user experiencing a cold or flu.

Personal respiratory filtration apparatus

US2011079225

A personal respiratory filter apparatus, having a substantially planer main body and a filter dependent thereon, functioning both as an article of every-day clothing in a scarf form, and as a support system for the breathable, treatable filter.

Additionally, generic products like Lavender, Menthol, Zinc, or any other aromatherapy or homeopathic treatment can be disposed on and/or within the filter of the present invention. 16.

A mask in accordance with claim 14, wherein said mask provides treatment by incorporating

a) one or more plastic ampoules placed within the filter, surrounded by filter material and sterile gauze and/or cotton through which the treatment may be absorbed when ampoules are ruptured; or

b) providing a personal applicator of spray, liquid, gel, solid rub-on, roll-on, or combinations thereof, for manual application to said filter.

17. A mask in accordance with claim 14, wherein one side of said filter has an adhesive for removably affixing to various personal garments.

Textile body wrap holder and thermal article

US2007106354

An elastic thermal body wrap system comprising a reusable, washable, textile holder for removably holding at least one thermal pack in close bodily contact. The thermal pack comprises one or more heat cells comprising an exothermic composition. The system comprises a fastening system to hold the holder around a user's body, for example, the back. The invention also relates to a method for holding such a thermal pack in close bodily contact

by wearing the holder. Aromatic compounds include, but are not limited to, menthol, camphor, eucalyptus, benzaldehyde, citral, decanal, and aldehyde, and mixtures thereof. (See figure 12 for mask embodiment.)

Nose cover  
US7861317

A nose cover or nose protector, for adventurers, sports fans, and people who love outdoor activities, comprises a nose piece formed from sheets of paper, plastic, fabric, foam, laminated materials, pressure heat cut and seal materials, and/or die-cut materials to fit and cover the nose. Additional materials of adhesive pieces and soft metal sheets are used to fold and contour the nose cover onto the wearer's nose. A corresponding "hook and loop" strap or "hook" patch is used to connect the nose cover to the bridge of eyewear. This nose cover can also consist of heat packs, cold packs, and/or medicated packs to comfort the user. The nose cover can be used with or without eyewear, and with variety of optional accessories.

[0041] In another embodiment, the nose cover can be covered by a stretch fabric. The stretch fabric can be stretched around the nose cover. This stretch fabric can have an opening that will allow for packets to be inserted inside. Various types of packets can be used, such as heat packs, cold packs, scented packs, menthol packs, electronic music packs,

Body conforming textile holder for article  
US7614399, US7846145

A body conforming, reusable, washable, textile holder for removably holding at least one article in close bodily contact. The holder may be a wrap or tube constructed to enclose a portion of the body where the article is to be held. The article may be a therapeutic article, such as a heat generating thermal pack, a cooling pack, or other article comprising a therapeutic agent; an absorbent article; a sensing article; or a filter article. The invention also relates to a system comprising the body conforming holder and an article for use therewith, and a method for holding such an article in close bodily contact by wearing the holder.

Aromatic compounds include, but are not limited to, menthol, camphor, eucalyptus, benzaldehyde, citral, decanal, and aldehyde, and mixtures thereof.

Mask and member for mount on mask  
WO2008111419

[PROBLEMS] To provide a technique for simplifying the structure of a mask fitted with a member for mount on mask with volatility. [MEANS FOR SOLVING PROBLEMS] Mask (1) comprises mask body part (2) adapted to

cover the nose and mouth; ear hook parts (3) respectively extending from the right and left sides of the mask body part (2); and member for mount on mask (10). The member for mount on mask (10) contains a material containing a volatile substance. The material containing a volatile substance on its at least one surface has adherence. One of adherent surfaces of the volatile substance containing material is bonded to the mask body part (2).

For example uses the l- menthol, the eucalyptus oil, the pine-seed oil, the d1- camphor, the nutmeg oil, the essential oil, disappears the smelly medicinal preparation and so on.

Package "B" following contains a listing of abstracts of other prior art patents claiming or disclosing use of menthol compositions alone or in combination with other olfactory materials. Chinese patents CN104366754 and CN104510024 both indicate specifically the use of menthol crystals.

#### PACKAGE "B"

Face warming breath deflecting apparatus  
US20100071690 CA2654534

A thermally active breath deflecting apparatus having a flexible base of sufficient width to extend at least to and between the corner portions of the eyes and of sufficient length to extend at least from immediately below the eyes to at least beyond the tip of the nose such that breath from the mouth and nose is prevented from traveling upwardly over the eyes. The apparatus includes a thermal pack that can warm or cool the face. The thermal pack is preferably a heat pack. In an alternate embodiment, the flexible base can include medication such as a decongestant.

It should be noted that FIG. 4A shows an embodiment 92 identical to embodiment 86 of FIG. 5C, except that embodiment 92 includes a perforated liner 36 in place of the sealing layer 86. Prior to use, this embodiment 92 may be contained in package 40, and this medication may be somewhat exothermic when exposed to the air, such that perforated liner 36 spaces the exothermic medication slightly from the nose or face of the user.

[0081]The decongestant can include one or more of the set of active components of menthol, camphor, eucalyptus oil, spirits of turpentine, aromatic oils, cedar leaf oil, myristica oil, mineral oil, nutmeg oil, and thymol, in a petrolatum base.

Dust Mask

US20080121240

The invention is directed to a scented dust mask configured to provide a pleasant scent while being worn on the face of a user. The dust mask includes outer and inner layers of material shaped to cover the nose and mouth of the user, and connected to each other about the outer edges such that the layers of material define a pocket therebetween. The layers of material are configured to filter particulate matter from the air as the air passes through the material. The dust mask further includes a quantity of a scented material disposed and retained within the pocket defined by the inner and outer layers of material, with the scent of the scented material being detectable by the user when the dust mask is worn. The dust mask may further include a connection mechanism configured to retain the dust mask against the face of the user when the dust mask is worn.

Examples of scents that may be provided in the dust masks 10 in accordance with the present disclosure include menthol, cedar, cinnamon, orange, lemon, mint, vanilla, lavender and the like.

Mask maintaining warmth in nasal area  
US5727544

A simple and effective mask maintaining warmth in the nasal area is disclosed for preventing, relieving, or eliminating the occurrence of the symptoms of allergic nasal inflammation due to hay fever or the like. The mask maintaining warmth in the nasal area comprises a main body in the form of a sheet, a nasal area warmth-maintenance portion for covering at least the nasal area and being provided in a central portion of said main body, and straps for attaching the mask to the face. The nasal area warmth-maintenance portion has an upper end portion protruding from the upper end of the main body, and said upper end portion covers at least the upper portion of the nasal area. The main body and the nasal area warmth-maintenance portion may be formed unitarily or separately. Allergy symptoms are relieved, eliminated, or prevented because the nasal area warmth-maintenance portion can effectively maintain or add warmth to at least the nasal area.

A blood-flow promoter can be used in at least the nasal area warmth-maintenance portion 3. In this case, a "blood-flow promoter" refers to a physiologically safe substance, volatile components of which penetrate into the skin and promote blood flow in the capillaries, and as examples, methyl salicylate, camphor, menthols various fragrant oils, cypress oil, cypress leaf oil, and tincture of chili peppers may be given.

A Preventive Mask for Protection against Infectious Diseases.  
GB-136621

136,621. Ramirez de Arellano, El Conde de. Dec. 16, 1918.

Respirators.-A respiratory mask for protection against infection comprises a perforated receptacle d carried by a suitable piece of flexible material a and adapted to be opened and closed for the reception and renewal of the medicament. The closure may be effected by a friction-held, screwed, or hinged cover e, and the medicament may be menthol and pinol on cotton-wool. To obtain effective contact with the face, a peripherally slit ring c of leather is secured around the receptacle, and a strengthening square of cardboard b is also provided.

Mask

CN203538424U

The utility model discloses a mask which comprises a mask body and mask strips. Two mask strips are arranged and are respectively arranged at the left side and the right side of the mask body. The mask further comprises an elongated sponge which is arranged at the upper part of the mask body. The mask provided by the utility model has advantages of: high protective effect, and high comfort in wearing.

This utility model's fragrant capsule 5 application methods, took the menthol fragrant capsule to say as the example

Bright: Pinching sponge place gently and may know the menthol fragrant capsule the position; First crumb 1 grain,

The confirmation fragrance dispersed to use again; When this grain of menthol fragrance clears, again crumb remaining in which grains,

After this kind of grain of grain of crumb, uses. Pinches the menthol fragrant capsule time, must the mouthpiece from the face Picks down.

A health-care desensitizing mask nymphaeol fibers

CN104510024

Questel Machine translated Abstract

The present invention a nymphaeol fiber healthcare desensitization mouthpiece. A plant fiber is characterized with nymphaeol, Lonicera japonica whole plant fiber, mint leaf fibers, through willows roll, polycomb cotton into the net, and the like when darted, a carded fiber batts nymphaeol the fibers by a uniform, repeatedly folded to form a thick batts 0.5-1 cm, finishing fabric interlayer in the filtering medium to the mask-woven fabric, a middle portion of the folded stack is a five structure, can the drop-down exhibition, fit the roof face; nrem made of the soft mask nasogenic site mosaicing a lotus nose ribs strips, which facilitate the pushing, anastomoses to the bridge face. For preventing and treating dust pollen anaphylaxis, cardiovascular diseases, illness, andropause and excellent health care effect gynealogical diseases. Simple and effective, not only can prevent particulate

filter, but also can antibacterially banier guard; while utilizing the plant effective component by respiratory inhalation, pharmaceutical active play plant desensitization efficiency, preventing the health care function and treating diseases, the efficacy of direct contact with the foreign rule within the disease is reached.

Thin lotus leaf textile fiber rich including including spearmint oil (essential component menthol and menthone), menthol crystals and camphor terpene, lemon terpene,

Nymphaeol fiber floes antibacterial dustproof health care mask  
CN104366754

Questel Machine translated Abstract

A dust-proof health care mask nymphaeol fiber batts antibacterially the present invention. A plant fiber nymphaeol in full, full Lonicera japonica oed plant fiber, mint leaf fibers, through willows roll, polycomb cotton into the net, and the like when darted, a carded fiber flock fibers by a uniform nymphaeol, repeatedly folded to form a thick batts 0.5-1 cm, nonwoven fabric laminated to the mask in the finished filter material, a middle portion of the folded stack structure is a five, can the drop-down exhibition, fit the roof face; mask made of the soft strip of a lotus nasogenic site mosaicism nrem nose ribs, facilitates pressing, anastomoses to the bridge face. For preventing and treating dust pollen anaphylaxis, cardiovascular diseases, autoimmune diseases, and diseases healthv gynealogical excellent health care effect. Simple and effective, either particulate filtering can be prevented, but also can protect the antibacterial banier; plant effective component by respiratory inhalation while using, as the active anti-PM2.5 efficiency of plant drugs, prevention and treatment of diseases and health care effect, direct contact with the foreign rule is reached within the efficacy of the patient. Thin lotus leaf textile fiber rich including including spearmint oil (essential component menthol and menthone), menthol crystals and camphor terpene, lemon terpene, protein, fat, carbohydrate, mineral substance and Vitamin,

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examiner can use any publication from anywhere in the world that predates your patent application as prior art against your patent application.

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Sincerely,

Ron Simmer  
PATEX Research and Consulting Ltd.