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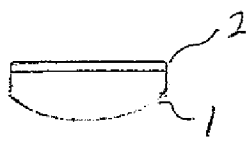


Figure 1

(57) Abstract: A method for combating unwanted conditions downstream of the mouth with adhering troches. A method to treat or reduce replication of a virus in throat tissues by releasing an anti-viral from an adhering disc. A method to treat sore throat with time release of Glycyrrhiza extract or collagen from an adhering disc. A method to treat sore throat with topically applied cobalamin. An adhering troche that releases antacid, alginate, bismuth subsalicylate, soluble zinc, such as zinc gluconate, bioactive vitamin B12 (methylcobalamin), antibiotic, or anti-viral. A method to combat bacterial effects downstream of the mouth with topically applied xylitol.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/075885

A. CLASSIFICATION OF SUBJECT MATTER

A61K 9/28(2006.01)i, A61K 9/14(2006.01)i, A61K 48/00(2006.01)i, A61K 9/22(2006.01)i, A61K 9/20(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC A61K 9/28, A61K 9/14, A61K 48/00, A61K 9/22, A61K 9/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal), PubMed, JPO, USPTO, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/0104783 A1 (ABRAHAM J. DOMB ET AL.) 10 May 2007 See Abstract; Paragraphs [0034], [0036], [0075]-[0083], [0114]; Claim 2.	15-23
A	US 2007/0190139 A1 (HORST G. ZERBE ET AL.) 16 August 2007 See Abstract; Paragraphs [0026], [0059]; Claim 8.	15-23
A	US 2007/0048369 A1 (PAUL B. FOREMAN) 1 March 2007 See Abstract; Paragraphs [0004], [0016], [0023], [0025], [0056], [0070]-[0073]; Figure 2.	15-23

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents,such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
26 MARCH 2009 (26.03.2009)	**26 MARCH 2009 (26.03.2009)**

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/075885

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-14, 24-27
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 1-14, 24-27 pertain to methods for treatment of the human or animal body by therapy, as well as diagnostic methods, and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required addtional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2008/075885

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007/0104783 A1	10.05.2007	EP 1236466 A1	04.09.2002
		WO 2009013562 A2	29.01.2009
US 2007/0190139 A1	16.08.2007	EP 1988886 A1	12.11.2008
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		KR 20070024428 A	02.03.2007