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(71) Applicants and

- (72) Inventors: KONOWALCHUK, Thomas, W. [US/US]; 1070 N.E. 7th Drive, Newport, OR 97365 (US). KONOWALCHUK, Jack [US/US]; 1098 N.E. 7th Drive, Newport, OR 97365 (US).
- (74) Agents: BURTON, Carol, W. et al.; Hogan & Hartson LLP, Suite 1500, 1200 17th Street, Denver, CO 80202 (US).

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(54) Title: VIRUCIDAL COMPOSITIONS

(57) Abstract: A method of inactivating viruses comprises contacting the virus with a virucidally effective amount of a composition consisting essentially of a C1 to C3 monohydroxy alcohol or a C2 to C4 diol and a sufficient amount of an acid to adjust the pH of the composition to below 4.6. Topical administration of the composition is preferred and is effective in treating lesions associated infections by viruses such as herpes simplex. Nasal deliverable forms are effective in treating symptoms due to viruses that cause the common cold. Pharmaceutical compositions for use in the present method are provided.

### INTERNATIONAL SEARCH REPORT

International application No.

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| 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)  STN databases: Registry, CAPlus, Medline, USPatfull, Biosis, and Biioscience cluster  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y CA 1 221 640 (PAMUKOFF) 12 May 1987, claim 1, see entire document.  Y US 5,405,602 A (SIMMONS et al) 11 April 1995, Claim 1, see entire document.  Y POLI et al., Virucidal Activity of Organic Foods', Food Chemistry. July 1979, Vol. 4, No. 3, pages 251-258, especially page 252 and 253, see entire document.  Y BHATIA et al., Evaluation of virucidal activity of a few physicochemical agents against goal-pox virus', Indian Journal of Animal Sciences. June 1998, Vol. 68, No. 6, pages  1-43 document defining the general state of the art which is not considered to be of publication and another dutter or other special reason of the conditive with the application the clude to understand the spitiolist relevance or published and or a fater the international filing date or priority date calcument which may throw deads a priority claim() or which is clud to exhibit the publication after of the international filing date or priority date claimed in weather the published prior to the international filing date but inter than the priority date claimed on an activity of the international filing date but inter than the priority date claimed on an activity of the international filing date but inter than the priority date claimed on the calculation or patter special reason (as priority date claimed to a more other such document is considered to involve an inventive super document or priority date claimed on the calculation or patternation or patterna | A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : A01N 37/00, A01N 31/00  US CL : 514/557, 514/739  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)  U.S.: 514/557, 514/739 |  |  |                       |  |  |
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| 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 of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone 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  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  Date of the actual completion of the international search  Date of mailing address of the ISA/US  Commissioner of Patents and Trademarks BOX PCT  Washington, D.C. 20231  Facsimile No. (703) 305-3230  Telephone No. (703) 308-1235   | Further  | documents are listed in the continuation of Box C.   | See patent family annex.   |                       |  |  |
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| establish the publication date of another 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  Date of the actual completion of the international search  19 May 2002 (19.05.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks  Box PCT Washington, D.C. 20231  Facsimile No. (703)305-3230  "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 mailing of the international search report  18 SEP 2002  Authorized officer  Minna Moezie, J.D. Lette Bell-Hammy  Telephone No. (703) 308-1235   |  | plication or patent published on or after the international filing date                                  | considered novel or cannot be consider   |                       |  |  |
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