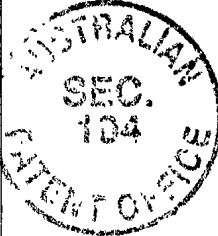






IN .....

<b>(51) International Patent Classification <sup>5</sup> :</b> <b>A01N 59/22</b>	<b>A1</b>	<b>(11) International Publication Number.</b> <b>WO 93/19601</b> <b>(43) International Publication Date:</b> 14 October 1993 (14.10.93)
<b>(21) International Application Number:</b> PCT/US93/03036 <b>(22) International Filing Date:</b> 31 March 1993 (31.03.93) <b>(30) Priority data:</b> 07/862,454 2 April 1992 (02.04.92) US <b>(71)(72) Applicant and Inventor:</b> REILLY, Susann, R. [US/US]; <del>400 Commercial Street, Apt. 412, Boston, MA 02109</del> (US). <b>(74) Agents:</b> WAKIMURA, Mary, Lou et al.; Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173 (US).  (71)(72) 2401 Calvert Street, NW, Apartment 501, Washington, DC 20008, United States of America.		<b>(81) Designated States:</b> AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI pa- tent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>   <b>666196</b>
<b>(54) Title:</b> USE OF HYDRIODIC ACID AS AN APHRODISIAC		
<b>(57) Abstract</b>  This invention relates to the use of hydriodic acid in an aqueous solution as an aphrodisiac to heighten sexual desire.		

## USE OF HYDRIODIC ACID AS AN APHRODISIAC

### Description

#### Background of the Invention

From the dawn of recorded history many substances have been used for the purpose of sexual enhancement. Some of these have known success and their reputations have been passed down through the millennia. Even though none of these substances have survived the rigors of scientific scrutiny the pursuit for an aphrodisiac continues. As long as humans place value on optimal sexual functioning, there will be a demand for sex-enhancing drugs.

#### Summary of the Invention

This invention relates to the use of hydriodic acid in an aqueous solution as an aphrodisiac to heighten sexual desire.

#### Detailed Description of the Invention

This invention is based upon the discovery that an aqueous solution of hydriodic acid (hydriodic solution) can heighten sexual desire and, as such, can be used as an aphrodisiac.

Hydriodic acid is also known as anhydrous hydriodic acid, hydrogen iodide, hydrogen moniodide or hydriodic. At normal temperature, hydriodic acid is a colorless and nonflammable gas. See The Merck Index, Merck & Co., Inc. (Tenth Edition 1983).

The hydriodic acid solution of the present invention consists of hydriodic acid in purified water and dextrose.

It has now been discovered that an aqueous solution of hydriodic acid has aphrodisiac activity as confirmed through its use by a female human. After the oral administration of the hydriodic acid solution, an aphrodisiac effect was experienced by  
5 said female.

The term "aphrodisiac" or "heightened sexual desire", for purposes of the present invention, refers to the following physical manifestations of ingesting the hydriodic solution: increased vaginal secretion, clitoral swelling, nipple erection, contraction of vaginal musculature and a general tingling sensation.

10 The invention will be further illustrated by the following non-limiting Exemplification:

EXEMPLIFICATION

Hydriodic acid solution was purchased from Eli Lilly and Company, of Indianapolis, Indiana, referred to a hydriodic acid syrup. The hydriodic acid syrup is  
15 prepared by mixing 140 mL of hydriodic acid with 550 ml. of purified water and dissolving 450 g of dextrose into the mixture.

The solution was orally administered to a female human 52 years age, weighing 75 kg. About 2.5 to 15 mL of the hydriodic syrup was placed into 240 ml. of tap water and then ingested. An aphrodisiac effect, as defined above, was experienced within  
20 approximately 24 hours.

It is understood that higher or lower amounts and concentrations of the hydriodic solution would be used for heavier or lighter subjects as in the purview of one skilled in the art.

5  
10  
15  
20



-3-

It should be, as well, understood that other types of administration of the hydriodic solution may be used, such as topical administration.

**Equivalents**

Those skilled in the art will recognize, or be able to ascertain, using no more than routine experimentation many equivalents to the specific embodiments of the invention described herein. Such equivalents are intended to be encompassed by the following claims:

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

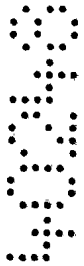
1. A method of heightening sexual desire of an adult human female comprising administering to an adult human female in need of said treatment, an effective amount of  
5 hydriodic acid syrup, comprising hydriodic acid, water and dextrose.
2. A method of Claim 1 wherein the hydriodic acid syrup comprises 140 mL of hydriodic acid, 550 mL of water and 450 g of dextrose.
3. A method of Claim 2 wherein the effective amount of hydriodic acid syrup is approximately 2.5 to 15 mL of hydriodic acid syrup.
- 10 4. A method of Claim 3 wherein the effective amount of hydriodic syrup is added into approximately 240 mL of water before administration.

DATED this 23rd day of November, 1995

SUSANN R. REILLY

15

Attorney: IAN T. ERNST  
Fellow Institute of Patent Attorneys of Australia  
of SHELSTON WATERS



INTERNATIONAL SEARCH REPORT

PCT US93 03036

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(S) A01N 59/22 US CL 424/667 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. NONE 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) NONE		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	N Drug Information 87 of American Hospital Formulary Service, 1987, MC EVOY et al., "Hydriodic Acid", pp. 1388-1389	1-3
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents	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
*A* document defining the general state of the art which is not considered to be part of particular relevance	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
*E* earlier document published on or after the international filing date	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
*L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	&	document member of the same patent family
*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 26 MAY 1993	Date of mailing of the international search report JUL 1993	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. NOT APPLICABLE	Authorized officer <i>Nguyet Nguyen</i> Mr ALLEN J ROBINSON INTERNATIONAL DIVISION Telephone No. (703) 308-1235	