

藥學科技(二) 期末報告 --- sci finder and innovation

B303098208 蘇達騏

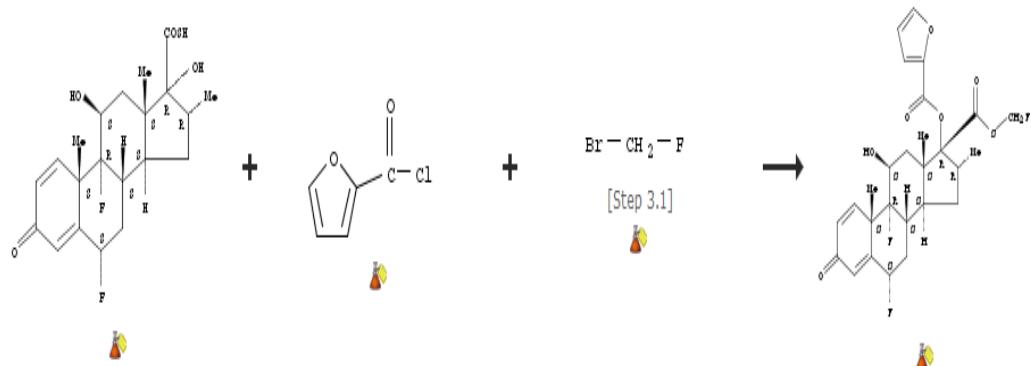
1.sci finder

Fluticasone furoate nasal spray is more effective than fexofenadine for nighttime symptoms of seasonal allergy

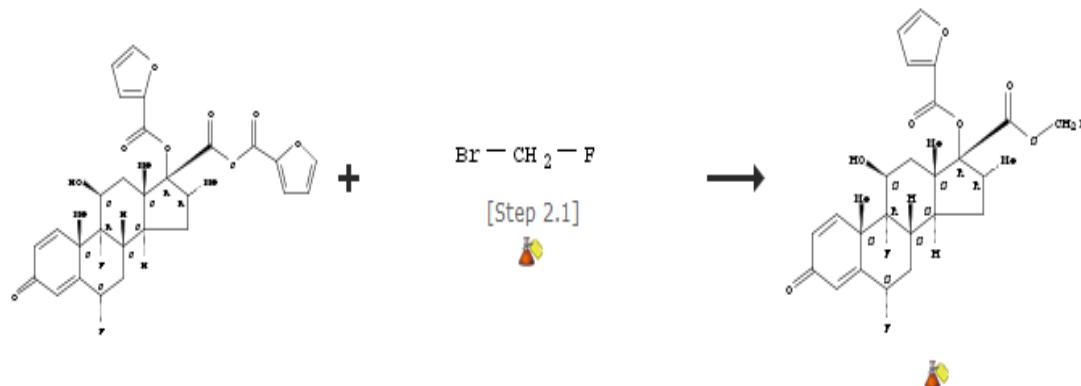
By: Andrews, Charles P.; Martin, Bruce G.; Jacobs, Robert L.; Mohar, Dale E.; Diaz, Joseph D.; Amar, Niran J.; Kaiser, Harold B.; Vandewalker, Mark L.; Bernstein, Jonathan; Toler, William T.; Prillaman, Barbara A.; Dalal, Anand A.; Lee, Laurie A.; Philpot, Edward E.

Nasal symptoms of allergic rhinitis are an important cause of sleep disturbance. Redn. of nasal symptoms, particularly nasal obstruction, has been linked to improvements in self-reported sleep quality. The enhanced-affinity intranasal corticosteroid fluticasone furoate and the oral antihistamine fexofenadine were compared with respect to nighttime symptoms of seasonal allergic rhinitis. In two randomized, double-blind, double-dummy, parallel-group studies, patients received fluticasone furoate nasal spray (FFNS), 110 µg (study 1, n = 312; study 2, n = 224); fexofenadine, 180 mg (study 1, n = 311; study 2, n = 227); or placebo (study 1, n = 313; study 2, n = 229) once daily for 2 wk. Fluticasone furoate was more effective ($p < 0.001$) than fexofenadine and placebo in both studies with respect to the mean changes from baseline over the treatment period in the nighttime symptoms score, nighttime reflective total nasal symptom score, predose instantaneous nasal symptom score, and morning peak nasal inspiratory flow. Fluticasone furoate was more effective than placebo ($p \leq 0.001$) in study 1 and more effective than both placebo and fexofenadine ($p \leq 0.034$) in study 2 with respect to the mean changes from baseline in the nighttime reflective total ocular symptom score and predose instantaneous total ocular symptom score. In these double-dummy studies, fexofenadine did not sep. from placebo in comparisons of the nighttime symptoms score or the nighttime nasal or ocular symptom measures. The incidence of adverse events was similar among groups. FFNS once daily was more effective than fexofenadine and placebo with respect to nighttime sleep disturbance caused by seasonal allergy symptoms.

Fluticasone furoate 的一般合成方法：



或是



使用過程：

SciFinder - Explore References - Windows Internet Explorer
 https://scifinder.cas.org/scifinder/view/scifinder/scifinderExplore.jf

季节性过敏

Explore References

Research Topic: seasonal allergy

Author Name, Company Name, Document Identifier, Journal, Patent, Tags

Publication Year(s): Examples: 1995, 1995-1999, 1995-, ~1995

Document Type(s): Biography, Book, Clinical Trial, Commentary, Conference, Dissertation, Editorial, Historical, Journal, Letter, Patent, Preprint, Report, Review

Saved Answer Sets: No answer sets

Keep Me Posted Results: No profiles exist

The screenshot displays two windows of the SciFinder software running in Internet Explorer. The top window shows 'Research Topic Candidates' with a search result for 'seasonal allergy'. It lists 104 references found containing the term and 14321 references found containing the concept. The bottom window shows 'Reference Answer Set' for the same search term, listing several specific studies and their details.

SciFinder - Research Topic Candidates

Welcome Su Mike | Sign Out

我的最愛 Norton - 瑞凡安全 身分安全

我的最愛 Norton - 瑞凡連接 滑鼠的開始 標題快取圖庫 news_Detail.aspx?SN=2...

SciFinder - Research Topic Candidates

SciFinder® Explore References Explore Substances Explore Reactions

Saved Answer Sets Help History Preferences SciPlanner What's New

Research Topic Candidates

2 Topics 1 Selected Select All Deselect All

Research Topic Candidates References

104 references were found containing "seasonal allergy" as entered. 104

14321 references were found containing the concept "seasonal allergy". 14321

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SciFinder - Reference Answer Set

我的最愛 Norton - 瑞凡安全 身分安全

我的最愛 Norton - 瑞凡連接 滑鼠的開始 標題快取圖庫 news_Detail.aspx?SN=2...

SciFinder - Reference Answer Set

Present invention relates to a composition comprising camellia japonica extract or seasonal allergen, wherein the composition is used for the treatment of the seasonal allergen. Preferably, the seasonal allergen is provided in solid dosage form and is administered daily. Furthermore, advantageously, the same dose may be used throughout the treatment period since up-dosing is not required.

9. Anti-allergy composition with camellia japonica leaf extract as active ingredient [\[Full Text\]](#)

By Cho, Wan-Su; Lee, Hyun-Jae; Kim, Kyung-Hwan; Kang, Jong-Bo (2009). KR-2009047209 A 20090512. | Language: Korean, Database: CAPLUS

Camellia japonica extract has anti-allergy effect through inhibiting degradation of mast cell as cause of various allergy diseases such as atopic dermatitis, asthma, allergic rhinitis and seasonal allergy. Due to good anti-allergy effect of Camellia japonica extract in test tubes and allergy animal models, Camellia japonica extract can be used in anti-allergy functional food, pharmaceuticals and cosmetics without toxicity and side effect. The invention also provides an anti-allergy composition containing an effective dose of Camellia japonica leaf extract as active ingredient.

10. Fluticasone furoate nasal spray is more effective than fexofenadine for nighttime symptoms of seasonal allergy [\[Full Text\]](#)

By Andriev, Charles P.; Martin, Bruce G.; Jacobs, Robert L.; Mohan, Dale E.; Diaz, Joseph D.; Amair, Hiran J.; Kaiser, Harold B.; Vandemahler, Mark L.; Bernstein, Jonathan; Toler, William T.; et al From Allergy and Asthma Proceedings (2009), 30(2), 138-138. | Language: English, Database: CAPLUS

Nasal symptoms of allergic rhinitis are an important cause of sleep disturbance. Redness of nasal symptoms, particularly nasal obstruction, has been linked to improvements in self-reported sleep quality. The enhanced-affinity intranasal corticosteroid fluticasone furoate and the oral antihistamine fexofenadine were compared with respect to nighttime symptoms of seasonal allergic rhinitis. In two randomized, double-blind, double-dummy, parallel-group studies, patients received fluticasone furoate nasal spray (FFNS), 110 µg (study 1, n = 312); fexofenadine, 180 mg (study 1, n ...

11. Impacts of air pollution exposure on the allergenic properties of Arizona cypress pollens [\[Full Text\]](#)

By Shahak, Y.; Pourpak, Z.; Moin, M.; Zare, A.; Mod, A. From Journal of Physical Conference Series (2009), 151, No pp. given. | Language: English, Database: CAPLUS

Epidemiological studies have demonstrated that urbanization and high levels of vehicle emissions correlated with the increasing trend of pollen-induced respiratory allergies. Numerous works have investigated the role of pollutants in the pathogenesis of respiratory diseases but impacts of anthropogenic pollution on pollen allergenic properties are still poorly understood. The objective of this survey was to evaluate impacts of the traffic-related pollution on the structure and allergenic protein content of Arizona cypress (*Cupressus arizonica*, CA) pollens, recognized as a rising cause of seasonal...

12. Comparison of mannitol and methacholine to predict exercise-induced bronchoconstriction and a clinical diagnosis of asthma [\[Full Text\]](#)

By Anderson, Sandra D.; Charlton, Brett; Weller, John M.; Nichols, Sara; Spector, Sheldon L.; Pearlman, David S.; A305 Study Group From Respiratory Research (2008), 10, No pp. given. | Language: English, Database: CAPLUS

javascript:

使用心得：

這是我第一次真正地接觸並學習一個專業資料的搜尋庫的使用。在以往，若有必要蒐尋一些藥品相關資料時，總是用 yahoo 的知識、google 或是 wiki。縱然它們也能夠找到不少東西，但仍有兩個很大的缺點。首先，出來的資料過於雜亂，除了一筆筆的去篩檢外，幾乎別無他法。再來就是資料的正確性，畢竟像 wiki 這種開放的網路百科是人人都可去編纂的，而撰寫者是否真的具有專業的知識背景也無從可考。所以，真的要很感謝老師讓我們有機會能學到這些軟體的使用。其實像很多做報告時後，我常常需要一些正確的資料或論文加以輔佐，而 sci finder 強大的功能確實能幫上非常多的忙。它不僅網羅了數不盡的 paper，更重要的是他能夠輕鬆得幫我們分好類，讓我們得以不必在茫茫大海中找尋那一根針。也很希望以後學弟妹的課程中依然能夠保留這個教學，因為他的實用性真的很高。更

希望學校能多進幾套，並且可以購買完整版的，這樣才能更加妥善地利用他。

2.innovation



US00D650065S

(12) United States Design Patent (10) Patent No.: US D650,065 S
Berger et al. (45) Date of Patent: ** Dec. 6, 2011

(54) NOZZLE FOR NASAL SPRAY DEVICE

(75) Inventors: **Robert L. Berger**, Bound Brook, NJ (US); **Michael L. Turini**, Cranford, NJ (US); **Peter A. Basile**, Bloomsbury, NJ (US); **Stephen Miggels**, Wyckoff, NJ (US); **Henry J. Mack, Jr.**, Phillipsburg, NJ (US)

(73) Assignee: **Schering Corporation**, Kenilworth, NJ (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/327,288**

(22) Filed: **Nov. 3, 2008**

(51) LOC (9) Cl. **29-02**

(52) U.S. Cl. **D24/110; D24/115**

(58) Field of Classification Search D24/114-115, D24/130, 135, 108, 112-113, 110; D9/435, D9/444-445, 447-448, 523, 526, 551, 575, D9/558, 686, 723, 443, 449; 222/321.6, 222/105, 402.1, 402.21, 402.22, 402.23, 222/424.24, 402.24, 525; 604/94.01, 300, 604/302; 606/199-200; 128/200.14

See application file for complete search history.

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D325,357 S * 4/1992 Worthington D9/688

D355,844 S * 2/1995 Bishop et al. D24/114
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D634,972 S * 3/2011 Staton D9/443

* cited by examiner

Primary Examiner — Ian Simmons

Assistant Examiner — Wan Laymon

(74) Attorney, Agent, or Firm — Barry H. Jacobsen; Valerie J. Camara

(57) CLAIM

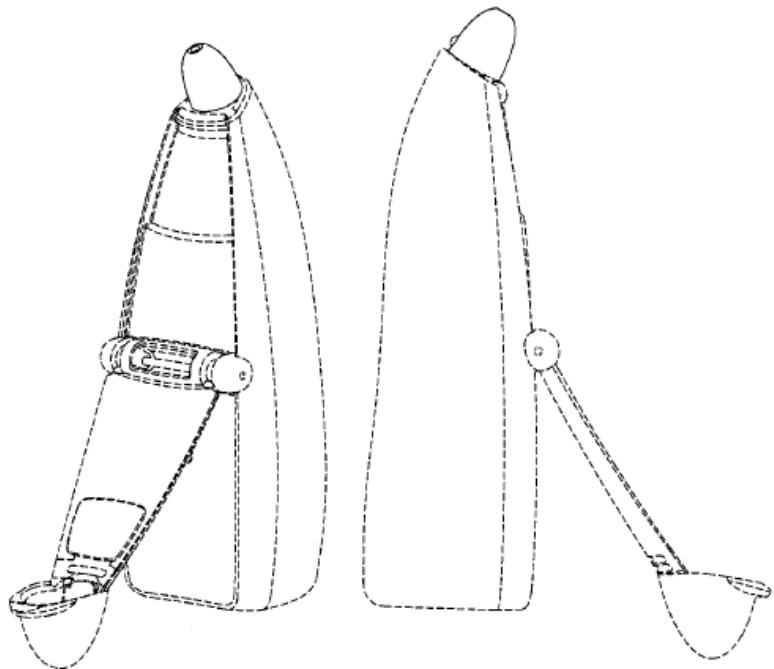
The ornamental design for a nozzle for nasal spray device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a nozzle for nasal spray device; FIG. 2 is a front elevational view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a left elevational view thereof, the right elevational view being a mirror image thereof; FIG. 5 is a rear elevational view thereof; and, FIG. 6 is a bottom plan view thereof.

The broken line showings of FIGS. 1, 2, 3, 4, 5 and 6 are for illustrative purposes only and form no part of the claimed invention.

1 Claim, 5 Drawing Sheets



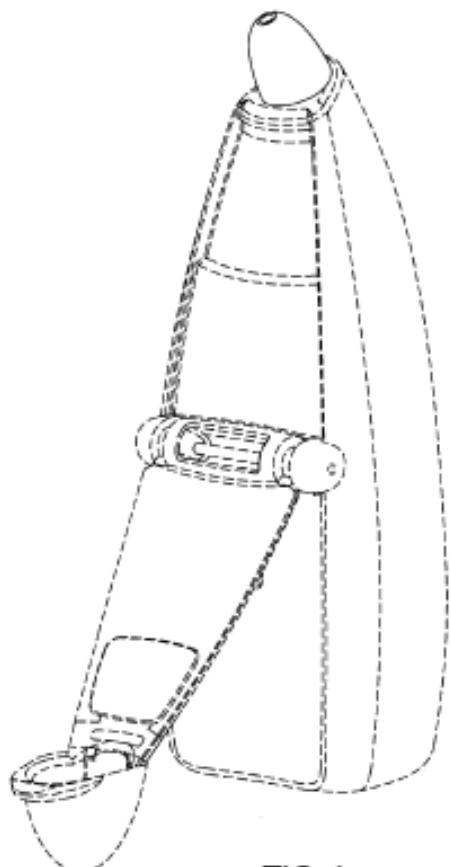


FIG. 1

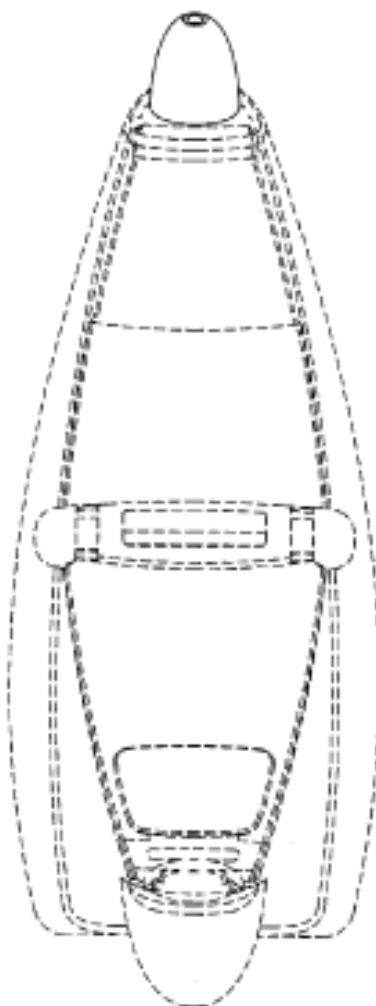
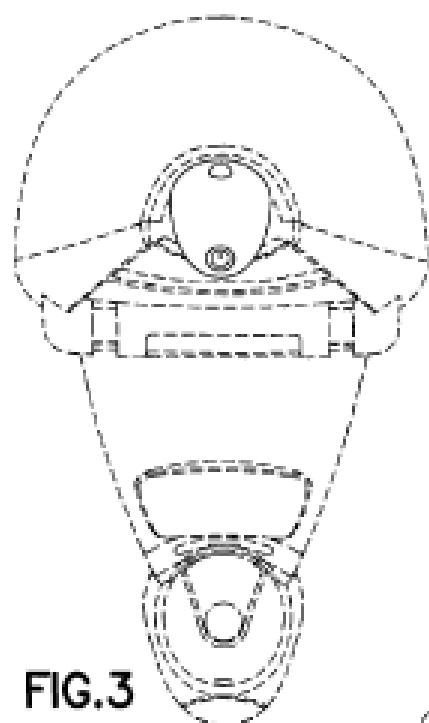
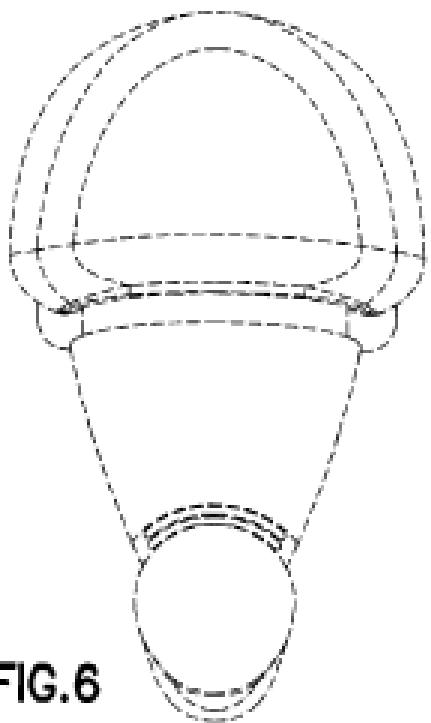


FIG.2

**FIG. 3****FIG. 6**

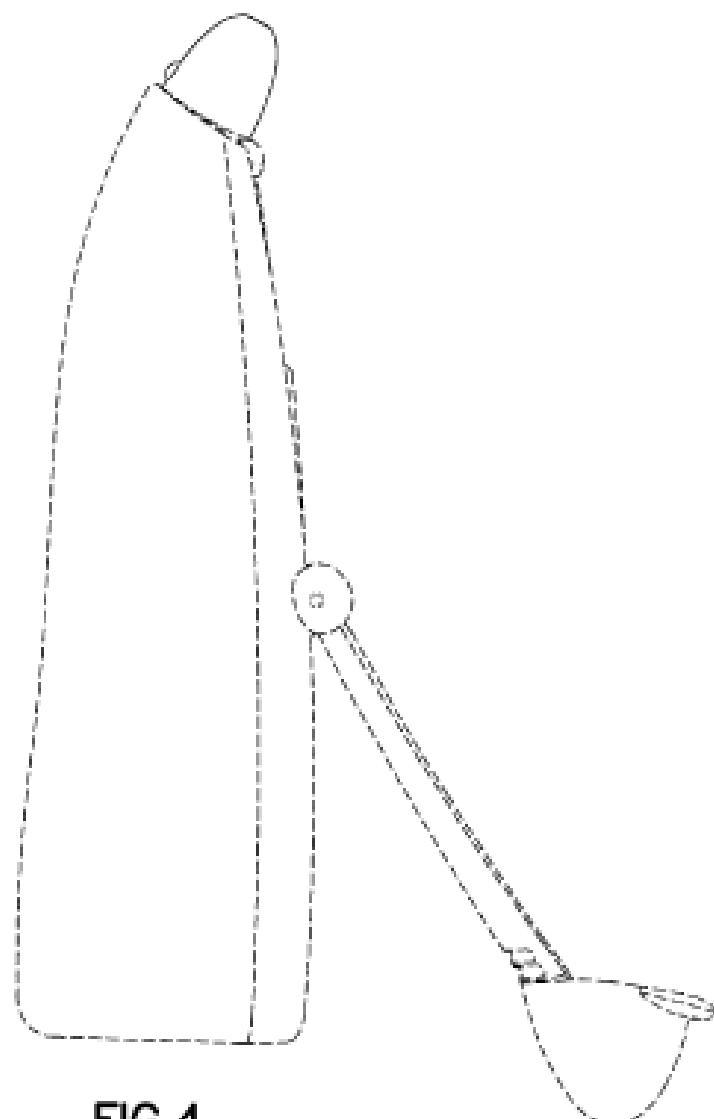
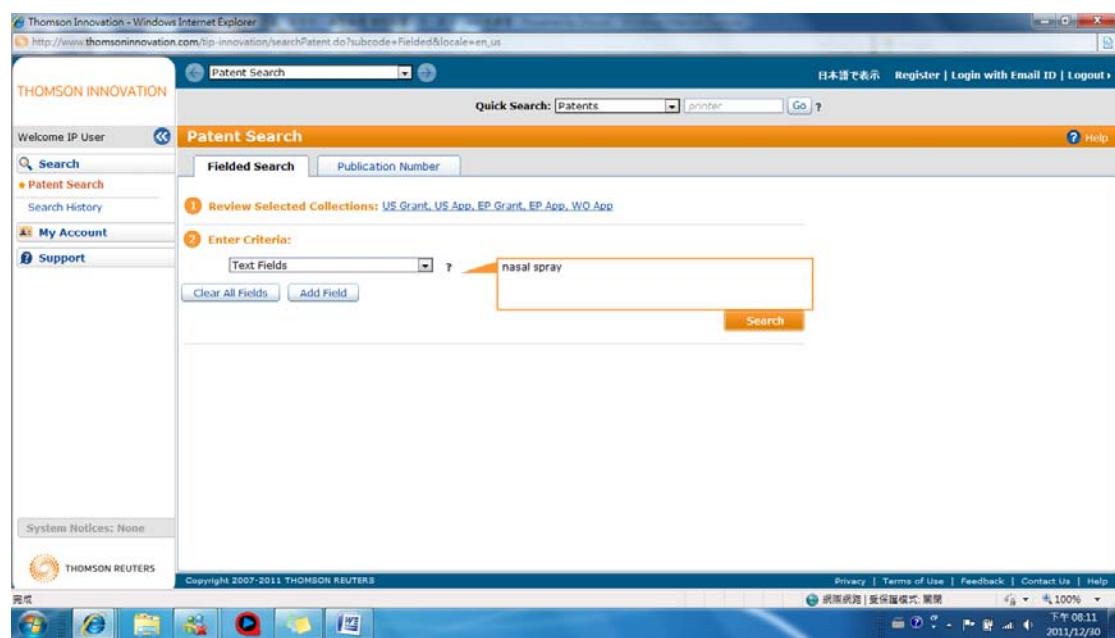


FIG.4



使用過程：



The screenshot shows a web browser window for Thomson Innovation. The URL is <http://www.thomsoninnovation.com/tp-innovation/resultSetPatent.do>. The page title is "Patent Result Set". A search bar at the top right says "Quick Search: Patents". Below it, a message says "24,545 records found out of 18,774,987 searched (Display Limit 30,000)". On the left, there's a sidebar with "Welcome IP User" and links for "Search", "Patent Search", "Result Set", "Search History", "My Account", and "Support". The main content area shows a table of patent results. The first few rows are:

	Title	Date
US80632282	Method for promoting bone growth using activin-ActRI α antagonists	2011-11-22
US8063101B2	Aryl sulfonamides useful as inhibitors of chemokine receptor activity	2011-11-22
US8048902B2	Carotenoid analogs and derivatives for the prevention of platelet aggregation	2011-11-01
USD65006551	Antagonists of lysophosphatidic acid receptors	2011-12-06
US8071589B2	Nozzle for nasal spray device	2011-12-06
US8067390B2	Dihydrobenzimidazoles	2011-11-29
US8067390B2	Pyridone derivatives with MCH antagonistic activity and medicaments comprising these compounds	2011-11-29

At the bottom, there are navigation links like "Copyright 2007-2011 THOMSON REUTERS", "Display: 10", and "Records per page". The status bar at the bottom right shows "下午 08:16" and "2011/12/30".

心得：

我覺得 innovation 跟 scifinder 一樣都是非常便利的資料庫。然而，不同的是，這個資料庫可以找到更多的專利論文。就連隔熱杯墊一樣都有收錄其中。我想雖然自己現在會用到這個資料庫的機率不大，但因為以後也希望朝研發這條路去走。因此，能夠提早學會這些強大的工具真得是很值得的一件事。