

行政院及所屬各機關出國報告  
(出國類別：研究)

參加 2000 年 APEC/PFP 亞太經濟合作進  
步夥伴計畫「第五次工業財產權管理訓  
練課程（第二部分）」研討會報告

服務機關：經濟部智慧財產局  
出國人 職稱：專利審查委員  
姓名：葉獻全  
出國地區：泰國 清邁  
出國期間：89 年 11 月 19 日至 12 月 2 日  
報告日期：90 年 7 月 9 日

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## 行政院及所屬各機關出國報告審核表

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出國計畫主辦機關名稱：經濟部智慧財產局	
出國人姓名/職稱/服務單位：葉獻全/審查委員/專利三組	
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# 行政院及所屬各機關出國報告

出國報告名稱：參加 2000 年 APEC 進步夥伴研討會報告

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出國人員姓名/服務機關/單位/職稱/電話

葉獻全/經濟部智慧財產局/專利三組

/審查委員/27380007 轉 1630

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出國期間： 出國地區：

民國 89 年 11 月 19 日

泰國 清邁

至 12 月 02 日

報告日期：民國 90 年 7 月

分類號/目：

關鍵詞：歐洲專利局（EPO）、美國專利商標局（USPTO）、世界智慧財產權組織（WIPO）、日本專利局（JPO）

內容摘要：

本報告前言首先對亞太經濟合作（APEC）執行進步夥伴計畫（PFP）「工業財產權管理研討會」之緣起及舉辦情況提出說明。本次第二階段所安排課程之最大特色，在於網際網路上之工業財產權資訊應用之介紹及實務演習，特別是有關於各國工業財產權電子資料庫之介紹及操作使用，尤其是有關專利檢索方面之應用。故本報告僅就所提之歐洲專利局（EPO）、美國專利商標局（USPTO）、世界智慧財產權組織（WIPO），及日本專利局（JPO）各網站資料庫提出說明比較，尤其是有關專利審查方面，由於上述各網站均有龐大之電子資料庫，及完善之專利檢索系統及制度，極具參考價值，實值得我國借鏡。

## 摘要

本報告前言首先對亞太經濟合作（APEC）執行進步夥伴計畫（PFP）「工業財產權管理研討會」之緣起及舉辦情況提出說明。本次第二階段所安排課程之最大特色，在於網際網路上之工業財產權資訊應用之介紹及實務演習，特別是有關於各國工業財產權電子資料庫之介紹及操作使用，尤其是有關專利檢索方面之應用。故本報告僅就所提之歐洲專利局（EPO）、美國專利商標局（USPTO）、世界智慧財產權組織（WIPO），及日本專利局（JPO）各網站資料庫提出說明比較，尤其是有關專利審查方面，由於上述各網站均有龐大之電子資料庫，及完善之專利檢索系統及制度，極具參考價值，實值得我國借鏡。

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# 參加 2000 年 APEC/PFP 亞太經濟合作進步夥伴計畫「第五次工業財產權管理訓練課程（第二部分）」研討會報告

## 第一章 目的

進步夥伴計畫（PFP）係亞太經濟合作（APEC）會員體在相互協助與志願參加之基礎下，為進一步提昇彼此在經濟上與技術上之合作，所萌生之一新機制。本計畫最初係倡議自 1994 年 11 月在雅加達舉行之 APEC 部長級會議（MM），接著經由 APEC 資深官員會議（SOM）及其相關之貿易投資委員會（CTI）討論，1995 年在日本大阪舉行之 APEC 部長級會議中正式獲准通過。為促進 APEC 會員體對工業財產權之認識與經驗交流，至 2000 年止共舉辦了五次進步伙伴研討會（APEC / PFE Course）。主要由日本（日本特許廳【JPO】透過所屬日本國際合作局【JICA】合作協調）安排課程內容，泰國智慧財產局【DIP】負責場地安排，每年分別在泰國曼谷與清邁各舉辦為期兩星期之研討會，分別由各國派遣專家講解各國智慧財產權制度、國際公約、電子化申請以及最新的國際討論議題或趨勢。此外，研討會亦強調會員體彼此間之經驗交流及意見交換，對提昇 APEC 各會員體之專業知識及經驗交流，助益甚大。APEC/PFP 計畫關於工業財產權管理之研習課程自 1997 年初開始執行以來至 2000 年底止，共計舉辦以下五次，每次研習課程均分二部分進行：

第一次：1997 年 2 月 19 日至 3 月 28 日，全程二部分研習課程  
均於泰國之曼谷市進行。

第二次：1997 年 11 月 5 日至 12 月 4 日，全程二部分研習課程先後  
分別於泰國之清邁市與曼谷市進行。

第三次：1998 年 10 月 19 日至 11 月 13 日，全程二部分研習課程先  
後分別於泰國之曼谷市與清邁市進行。

第四次：1999年8月30日至9月24日，全程二部分研習課程先後分別於泰國之曼谷市與清邁市進行。

第五次：2000年11月6日至12月1日，全程二部分研習課程先後分別於泰國之曼谷市與清邁市進行。

本次之研討會，本人係奉派參加11月20日至12月1日於泰國清邁市進行之第二部分有關工業財產權法制之課程。以下，謹就本人參加本次研習會第二部分為期二星期之研習經過、心得與建議等提出報告。

## 第二章 過程

本階段之課程從 2000 年 11 月 20 日至 12 月 1 日，安排在風光明媚的清邁舉行，其中 11 月 25 日至 11 月 26 日更遠赴三小時車程外之清萊做實地參訪。兩星期之課程內容包括：

- (一) 智慧財產局行政電腦化
- (二) 智慧財產權資訊之利用
- (三) 網際網路實務演習
- (四) 如何提昇公眾對智慧財產權之瞭解
- (五) 如何促進研究發展
- (六) 專利商標審查制度概論
- (七) 國際條約
- (八) 智慧財產權之技術移轉
- (九) 智慧財產權制度之調和化等。

本次第二階段所安排之課程，與第三及四次之第二階段之課程相較，除極少部分課程因前次課程學員建議而有所增減外，其餘大致相同。本階段課程與前次課程最大差異在於網際網路上之工業財產權資訊應用之介紹及實務演習，特別是有關於各國工業財產權電子資料庫之介紹及操作使用，尤其是有關專利檢索方面之應用。專利檢索在專利審查上佔有無比之重要性，故其完善之專利檢索系統及制度，實值得我國借鏡。

本次第二階段所研習之範圍雖擴及智慧財產局行政電腦化、智慧財產權資訊之利用、網際網路實務演習、如何提昇公眾對智慧財產權之瞭解、如何促進研究發展、專利商標審查制度概論、國際條約、智慧財產權之技術移轉、智慧財產權制度之調和化等。惟由於每次參與研討會之學員來自不同之會員體及不同領域之專業背景，如專利、商標、法務或有關智慧財產權及工業財產權之相關工作人員，故其課程均較趨向於一般概念之介紹討論，又囿於有限之時間安排，使得學員在這些智財主題之認知上僅能在橫向廣度上有較大收獲，縱向深度上則略嫌不足。因其難以作較深入之探討，如有關專利審查方面，亦僅能就一般專利審查實務及專利要件提出說明，而無法針對專利之爭議、審判等再進一步深入探討。本階段之課程仍沿襲 1999 年第四次第二階段之課程，其課程內容大同小異，主要差異在於本次研討會特別安排有關網際網路之課程，此亦為本次研討會之特色。惟因泰國之上課場地僅能以一線 56K 網路傳送支援，故學員均無法實際操作演練，甚至連日本講師都無法順利操作示範，最後僅能以書面資料討論，實為美中不足之憾。

### 第三章

## 歐洲專利局、美國專利商標局、世界智慧財產權組織，及日本專利局各網站資料庫及應用比較說明

本階段網際網路上之工業財產權資訊應用之課程，主要針對

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美國專利商標局（USPTO） <http://www.uspto.gov/>

世界智慧財產權組織（WIPO） <http://www.wipo.int/>

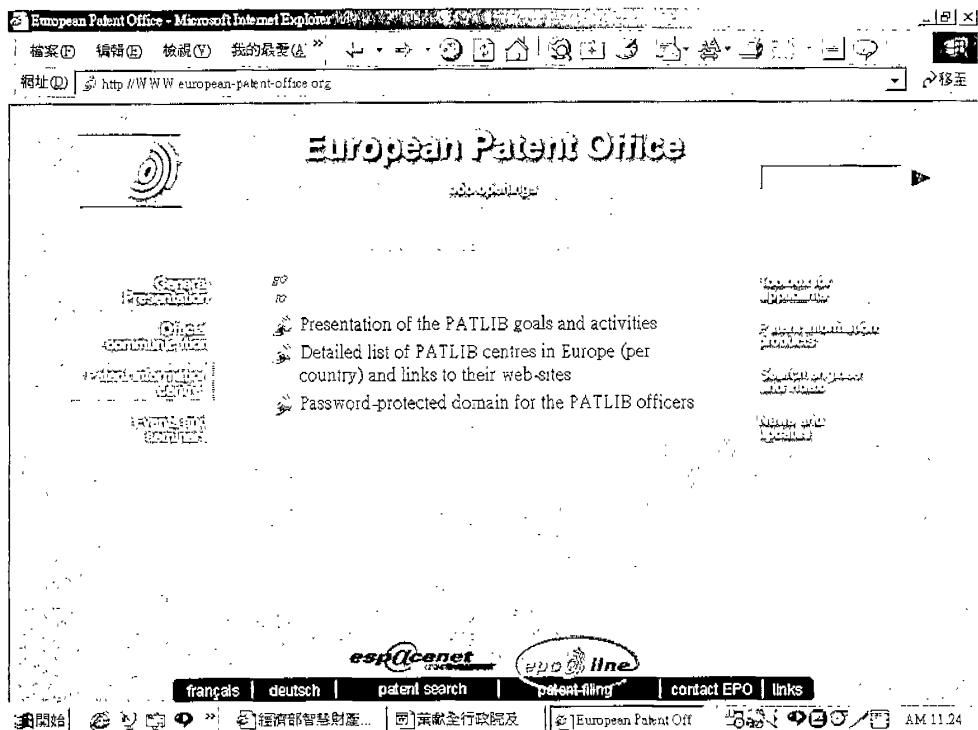
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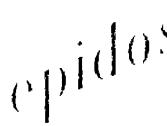
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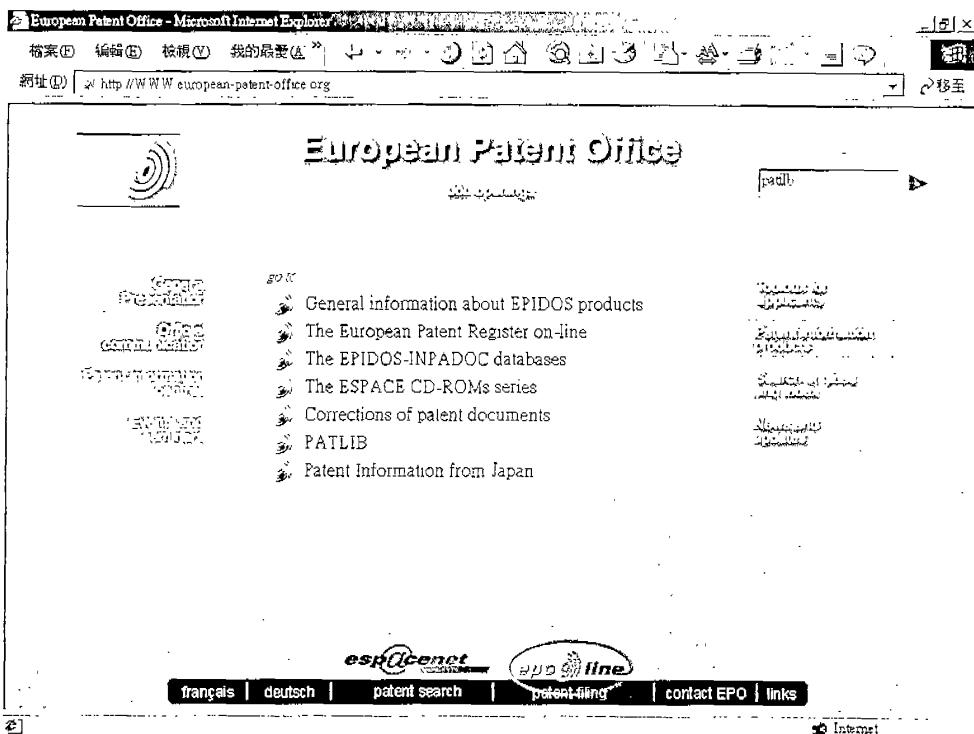
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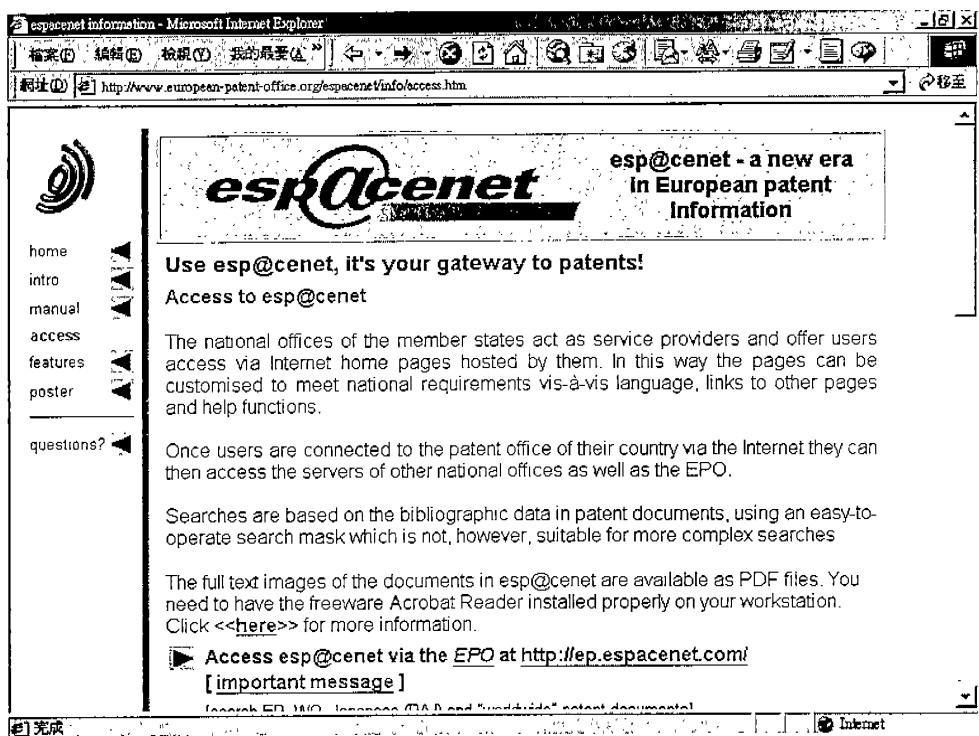
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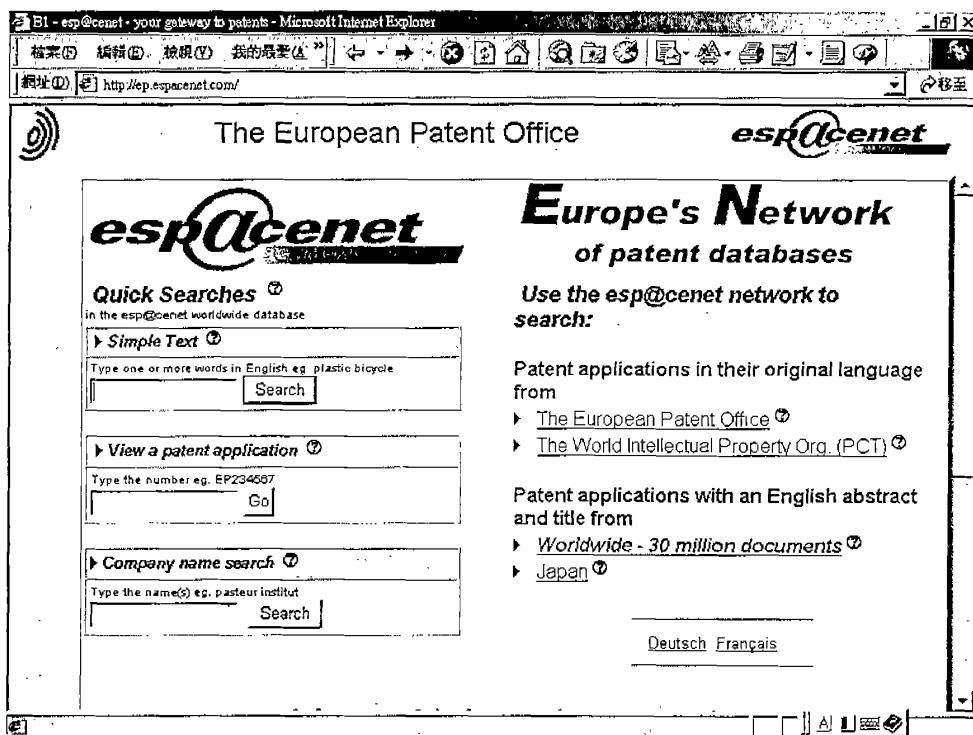
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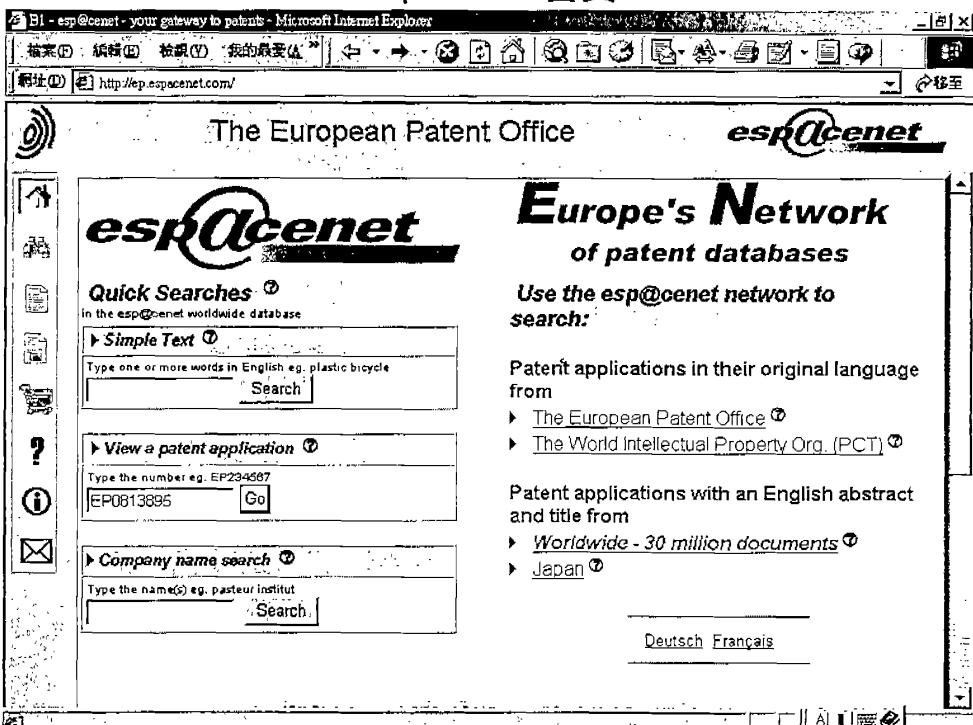
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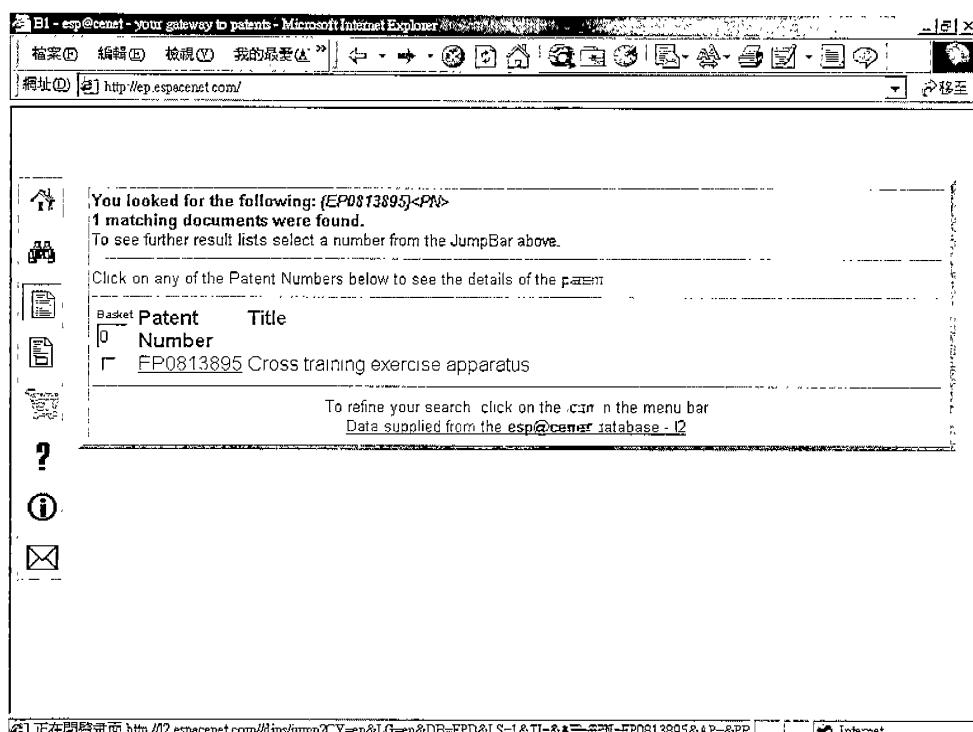
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**Cross training exercise apparatus**

Patent Number EP0813895  
Publication date 1997-12-29  
Inventor(s): ESCHENBACH PAUL W (US), ROSENOW CHARLES J (US), LENZ STEVEN M (US), OGLESBY GARY E (US), RYAN ALLEN L (US), TERMION MARK C (US), MUELLER CLIFFORD F (US)  
Applicant(s) LIFE FITNESS (US)  
Requested Patent EP0813895, A3  
Application Number EP19970109833 19970617  
Priority Number (s) US19960864854 19960617, US19970314487 19970310  
IPC Classification A63B23/04R3  
EC Classification A63B23/04R3  
Equivalents USS947872

Abstract

All exercise apparatus includes a frame that is adapted for placement on the floor, a pivot axis supported by the frame.

該筆檢索結果之專利案相關資料

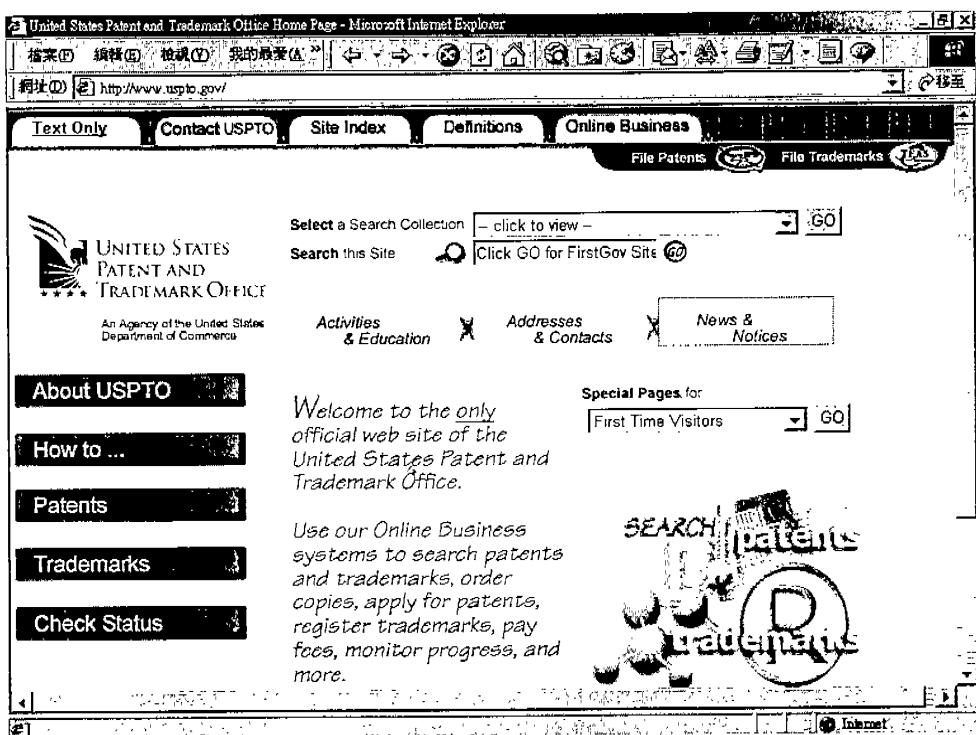
A screenshot of a Microsoft Internet Explorer browser window. The title bar reads "E2 esp@cenet - Document Viewer Navigation - Microsoft Internet Explorer". The address bar shows the URL "http://e2.espacenet.com/dipsViewer?PN=EP0813895&C=Y=&LG=en&DB=EPD". The main content area displays the patent document. At the top left is a circular icon with a question mark and the text "EP0813895". To its right are tabs for "Biblio", "Desc", "Claims", "Page 1", and "Drawing". On the right side of the header is the "esp@cenet" logo. Below the header, the word "Claims" is centered. To the left of the claims text are several small icons: a house, a magnifying glass, a document, a question mark, and an info symbol. The claims text is as follows:

**Claims**

1. An exercise apparatus, comprising:  
 a frame (32),  
 a pivot axis (44) supported by said frame,  
 a pedal lever (46),  
 a coupler (48) for pivotally coupling a first end of said pedal lever (46) to said pivot axis (44) at a predetermined distance from said pivot axis such that said first end moves in an arcuate pathway around said pivot axis.  
 a guide member (52) supported by said frame (32) and engaging a second end of said pedal lever (46) such that said second end of said pedal lever moves in a reciprocating pathway as said first end of said pedal lever moves in said arcuate pathway,  
 a pedal (56) having a toe portion and a heel portion, and  
 characterized by coupling means (52) for coupling said pedal (56) with said second end of said pedal lever (46) such that said toe portion is intermediate said heel portion and said pivot axis (44) and said heel portion is raised above said toe portion when said second end moves in said reciprocating pathway (52) in a direction away from said pivot axis (44)
2. The apparatus of Claim 1 wherein said coupling means (52) includes linkage means having at least two links (138,144,146,150) for coupling said pedal (56) to said pedal lever (46) such that said pedal travels in a substantially elliptical pathway as said first end of said pedal lever moves in said arcuate pathway

該筆檢索結果專利案之申請專利範圍

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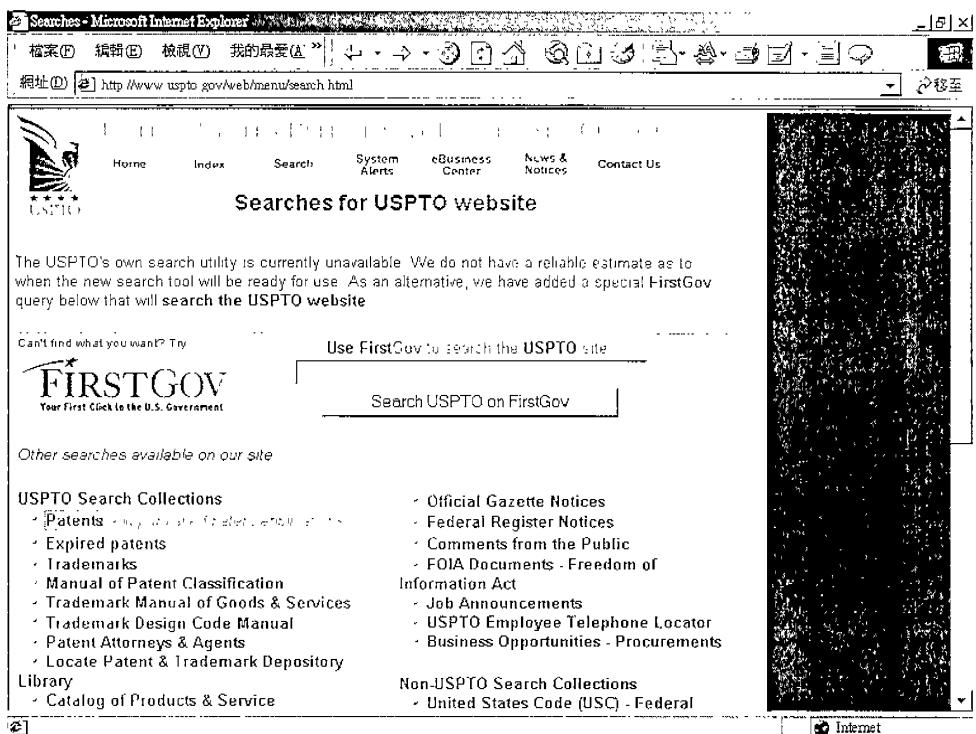
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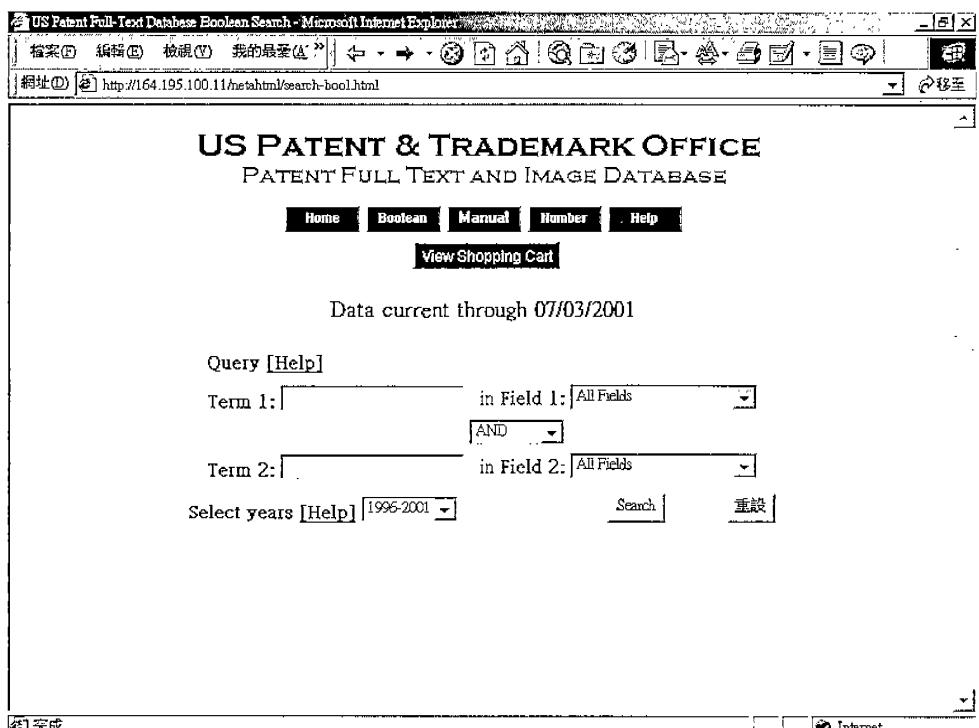
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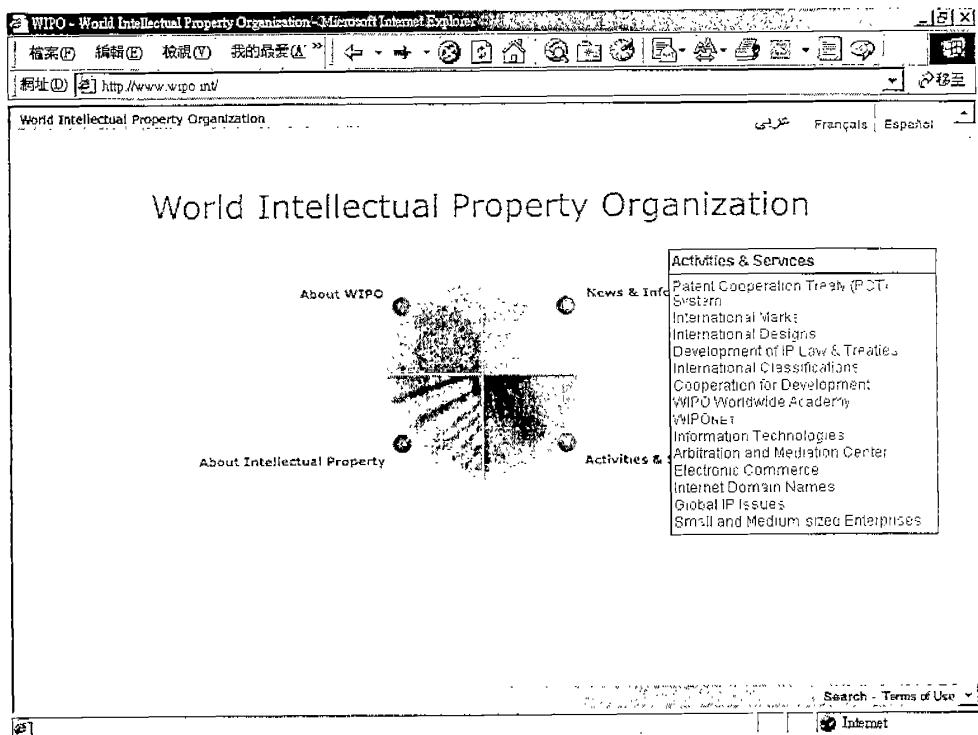
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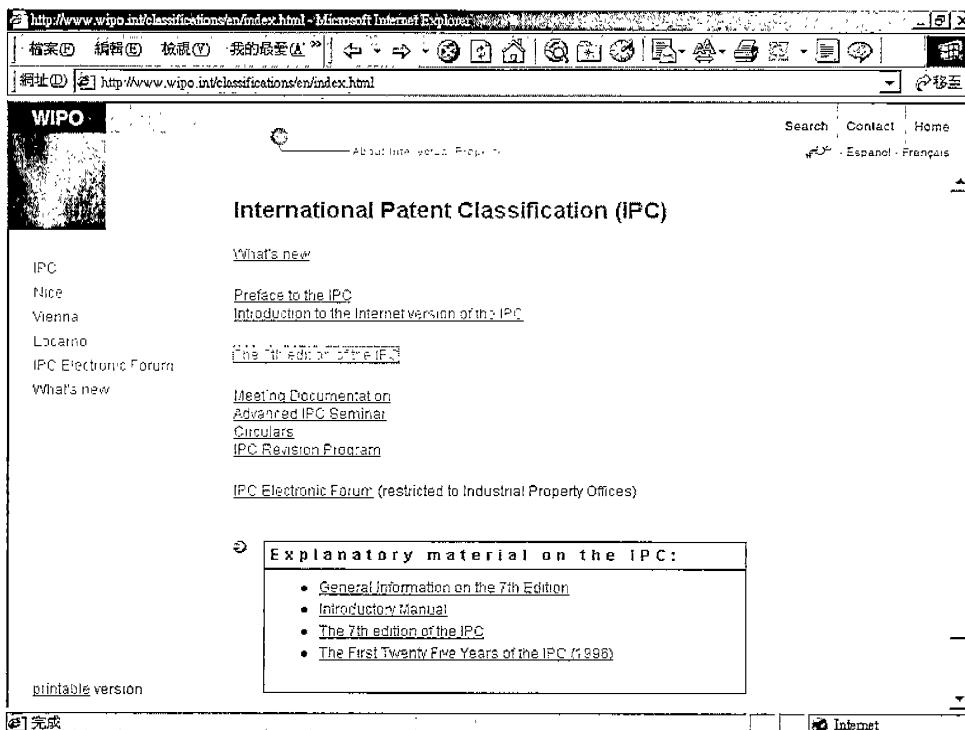
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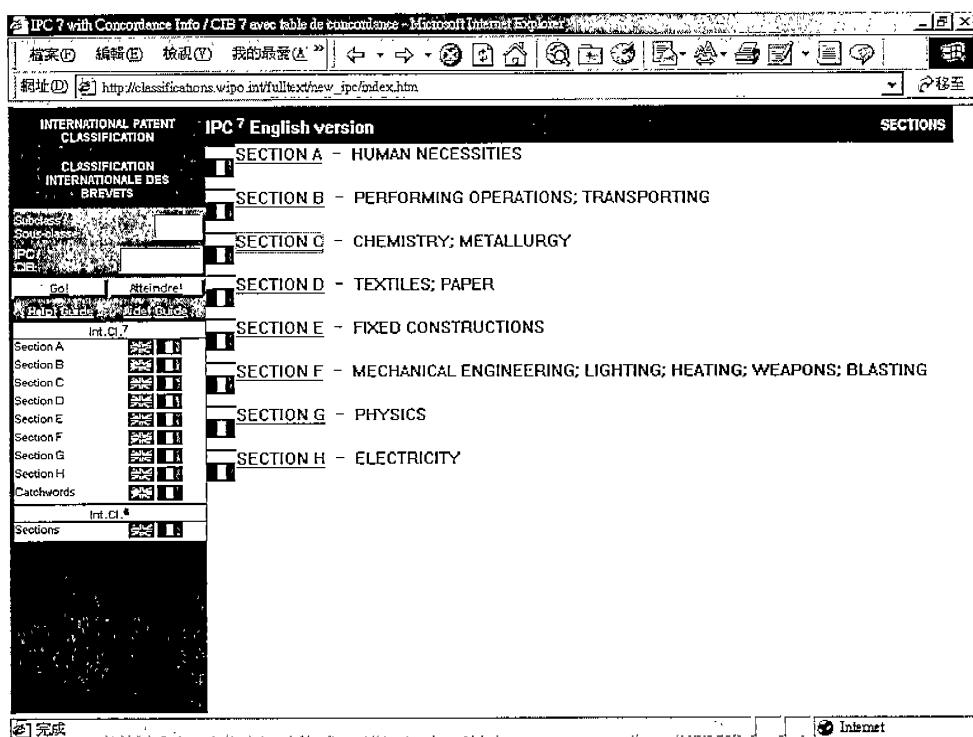
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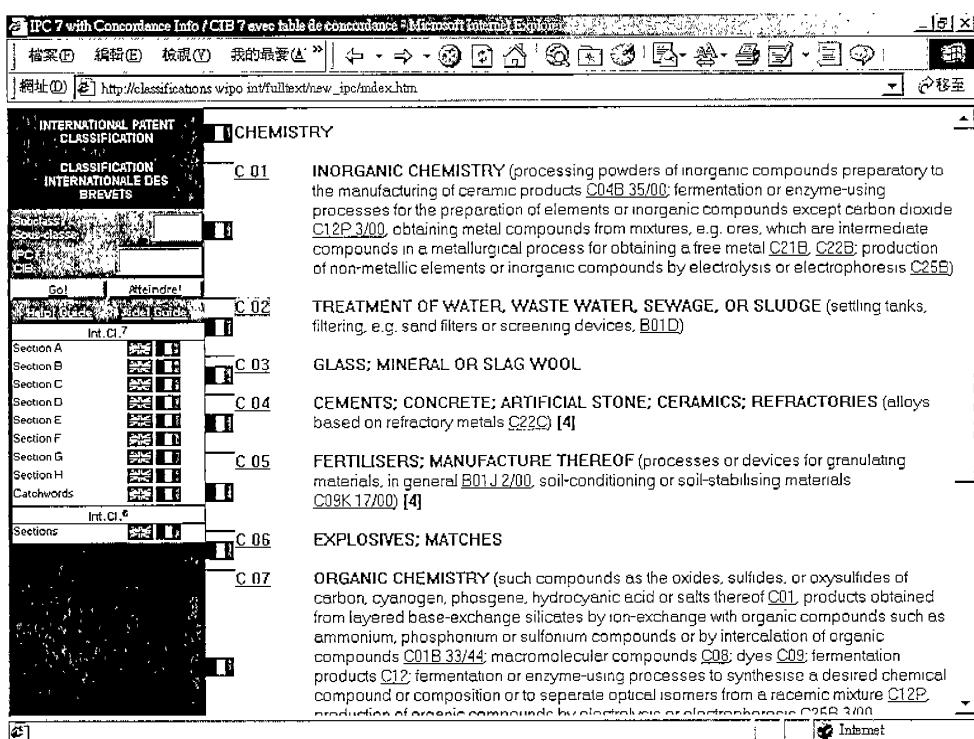
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八部 (SECTION)



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CIB (1)

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Ninth Edition, International Patent Classification

Int.Cl. 7

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Section C (1) (2)  
Section D (1) (2)  
Section E (1) (2)  
Section F (1) (2)  
Section G (1) (2)  
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Sections (1) (2)

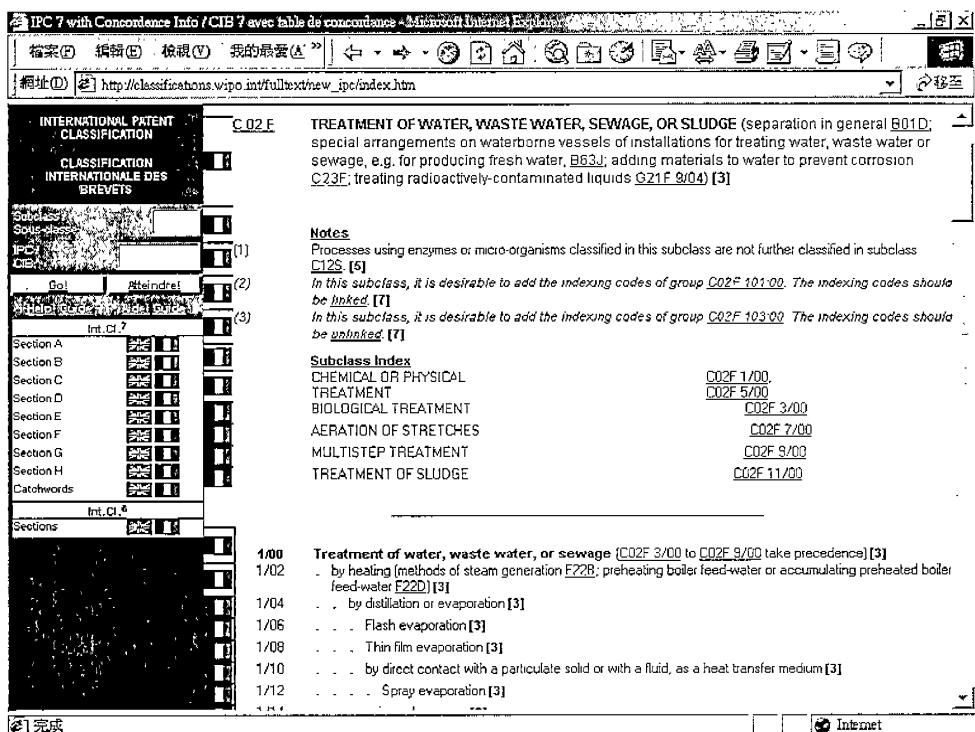
C02F TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE (separation in general B01D; special arrangements on waterborne vessels of installations for treating water, waste water or sewage, e.g. for producing fresh water, B63J; adding materials to water to prevent corrosion C23E; treating radioactively-contaminated liquids G21F 9/04) [3]

Notes  
Processes using enzymes or micro-organisms classified in this subclass are not further classified in subclass C12S. [5]  
In this subclass, it is desirable to add the indexing codes of group C02F 101/00. The indexing codes should be linked. [7]  
In this subclass, it is desirable to add the indexing codes of group C02F 103/00. The indexing codes should be unlinked. [7]

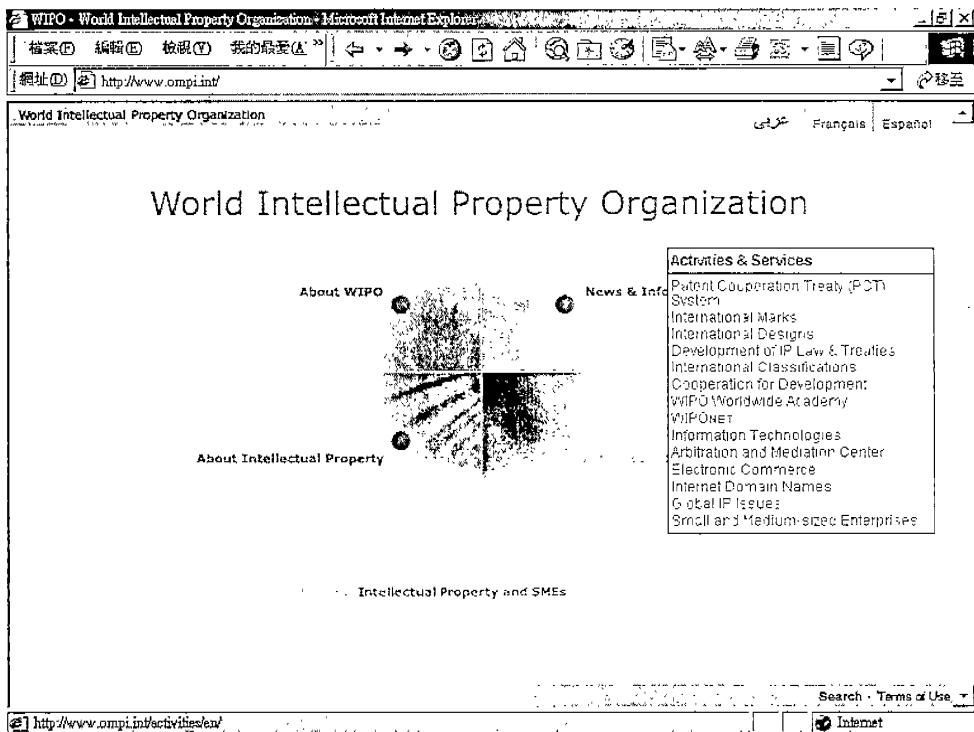
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BIOLOGICAL TREATMENT C02F 5/00  
AERATION OF STRETCHES C02F 3/00  
MULTISTEP TREATMENT C02F 7/00  
TREATMENT OF SLUDGE C02F 9/00  
C02F 11/00

1/00 Treatment of water, waste water, or sewage (C02F 3/00 to C02F 9/00 take precedence) [3]  
1/02 - by heating (methods of steam generation F22B; preheating boiler feed-water or accumulating preheated boiler feed-water F22D) [3]  
1/04 - . by distillation or evaporation [3]  
1/06 - . . Flash evaporation [3]  
1/08 - . . . Thin film evaporation [3]  
1/10 - . . . by direct contact with a particulate solid or with a fluid, as a heat transfer medium [3]  
1/12 - . . . Spray evaporation [3]

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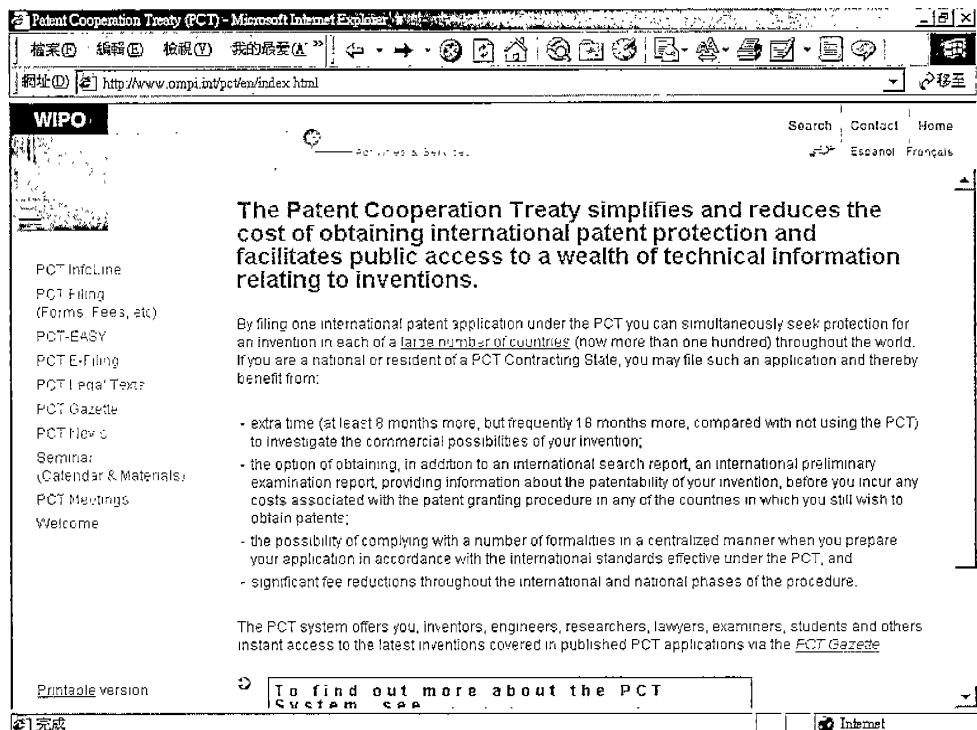
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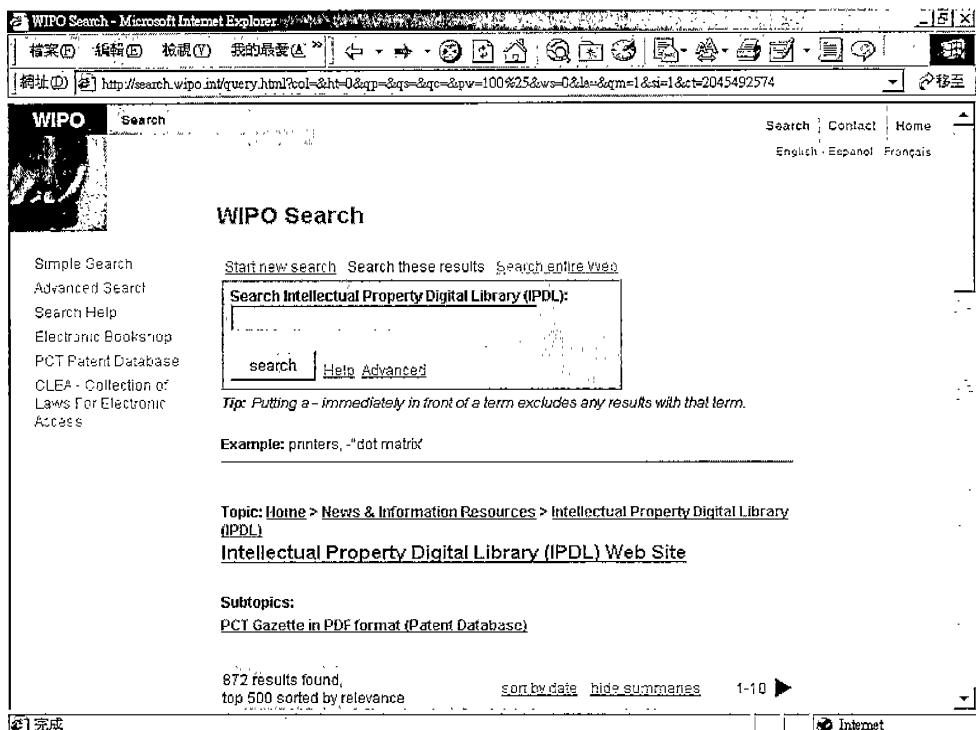
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(21) Int. PCT/US97/22695 Application Number: (22) Int. 16 December Filing Date: (16.12.1997) (30) Priority Data 08/768,951 18 US December 1996 (18.12.1996) (71)(72) Applicants and Inventors: MUSSO, Charles, S., Jr. 8553 Brigin Road, Hammondsport, NY 14840 ; (US). [US/US]. MUSSO, Tom 7153 Peach Street, Bath, NY 14810 ; (US). [US/US]. (74) Agent: LEINBERG, Gunnar, G. Nixon, Hargrave, Devans & Doyle LLP,	(51) International Patent Classification <sup>6</sup> : A01C 3/06, 7/00, 15/00, 19/00, E01C 19/20, B67D 5/64, A47G 19/24, B65D 47/00, F04B 17/06, B60P 1/00, 1/04, 1/56, B65G 67/24, B65F 1/00, 3/00 A1	(11) Int. Publication WO 98/26647 Number: (43) Int. Publication 25 June 1998 Date:
(54) DUMP TRUCK BODY WITH A REAR LATERAL Title: CONVEYOR (57) Abstract A truck (10) includes a dump body (12), a truck frame (24) with a rear axle (26), a lift system (30), and a conveying system (22). The dump body (12) is defined by a unitary		

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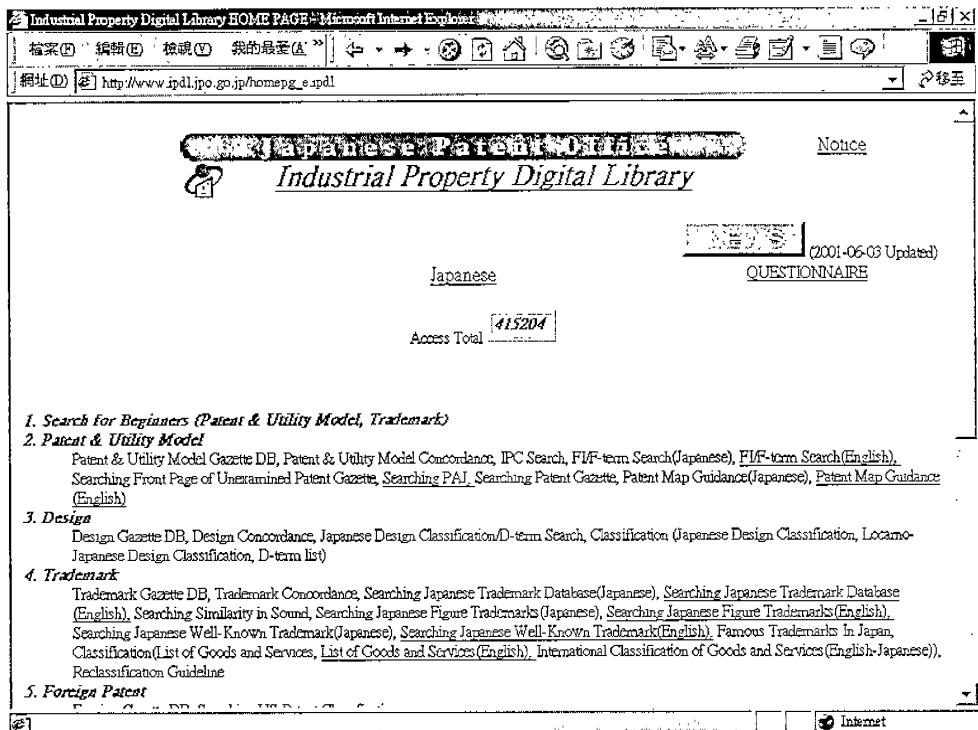
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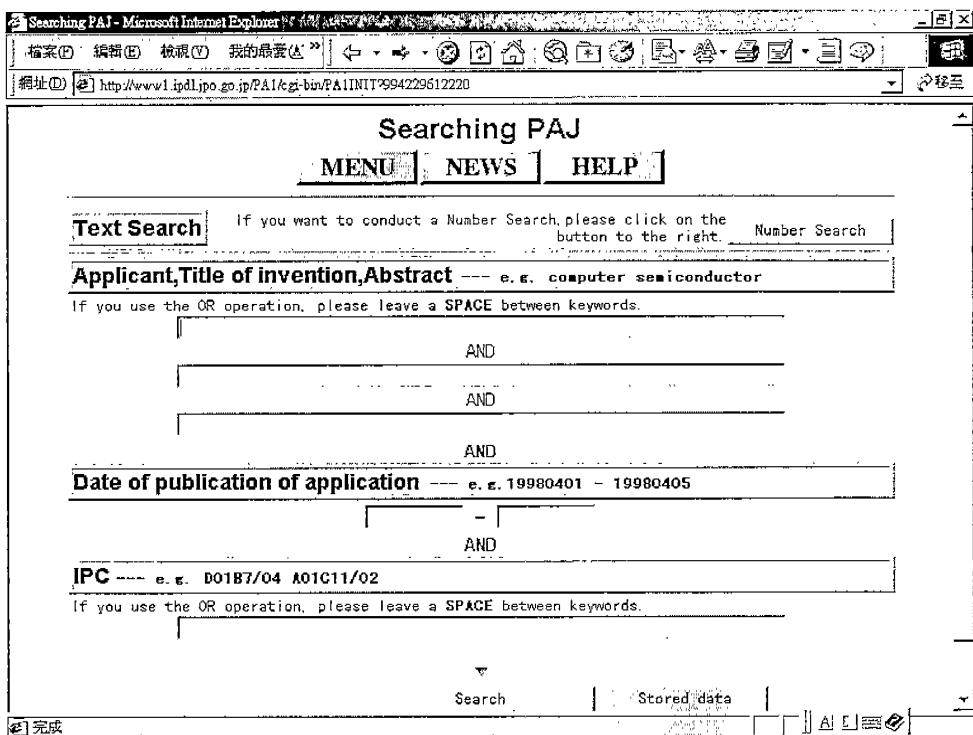


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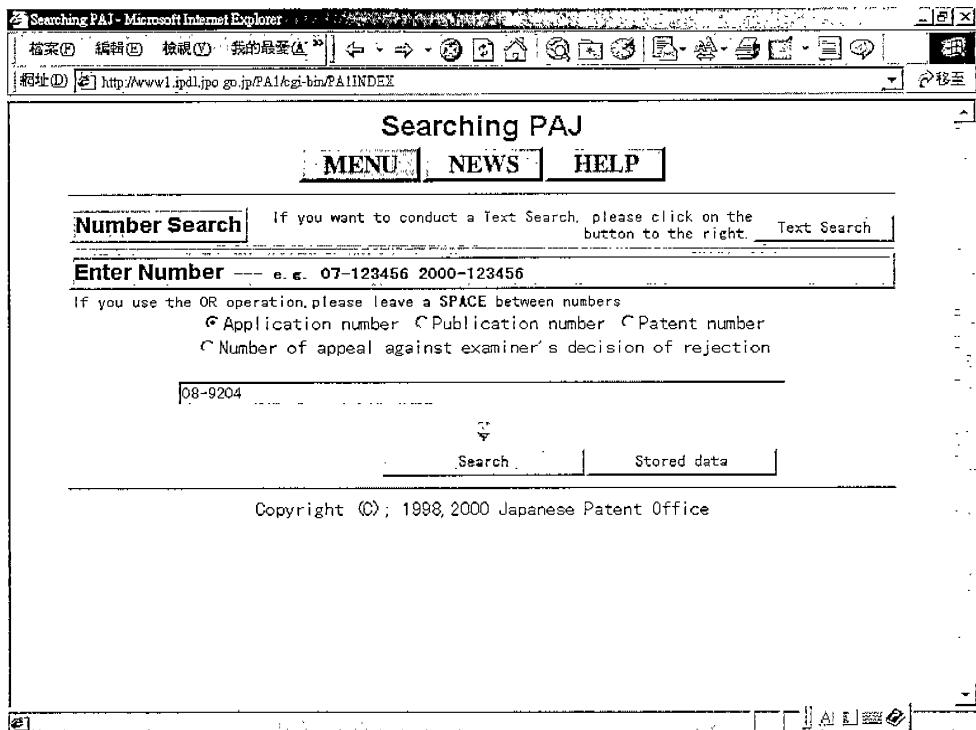
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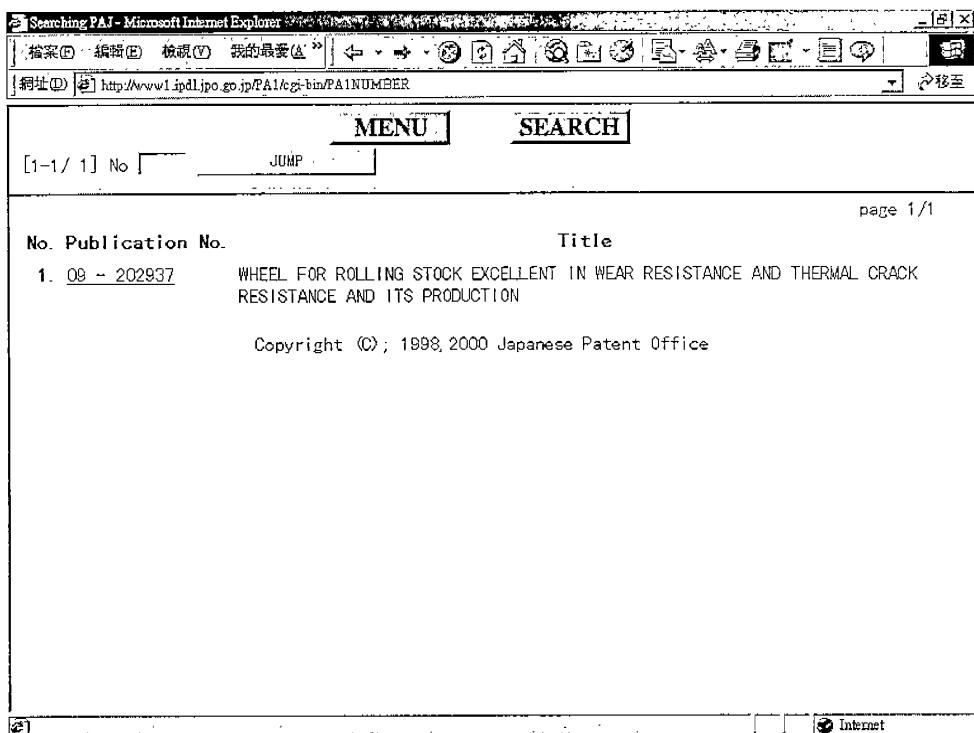
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PATENT ABSTRACTS OF JAPAN

(11) Publication number : 09-202937  
(43) Date of publication of application : 05. 08. 1997

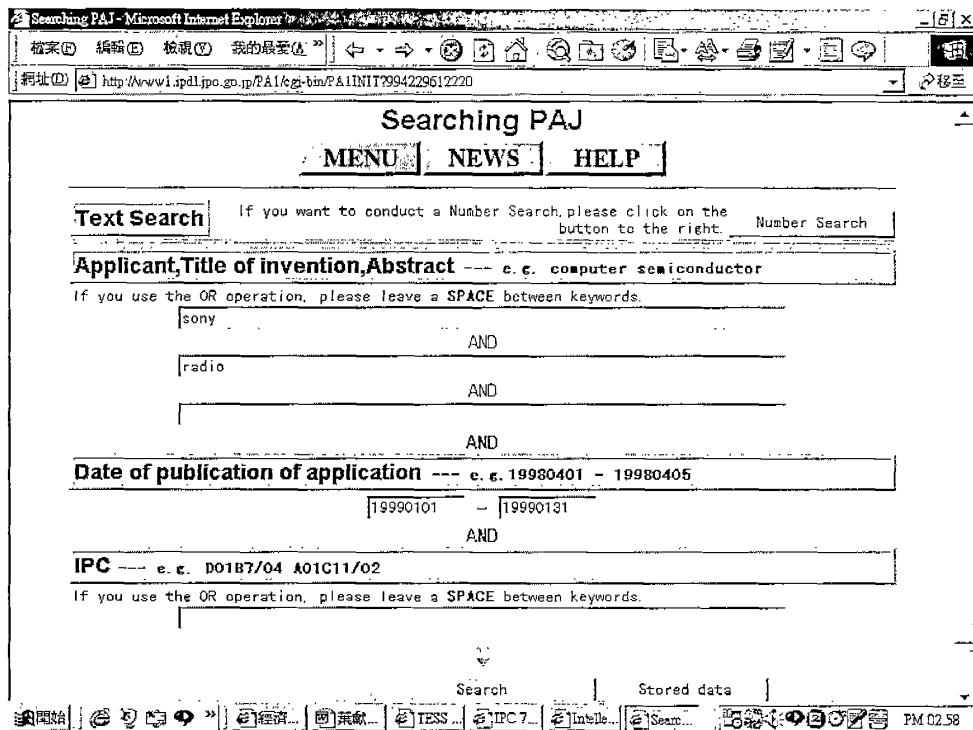
(51) Int. Cl. C22C 38/00  
C21D 9/34  
C22C 38/18  
// B60B 17/00

(21) Application number : 08-009204 (71) Applicant : SUMITOMO METAL IND LTD  
(22) Date of filing : 23. 01. 1996 (72) Inventor : FUJIMURA TAKASHI  
AJIKI MASAO  
MAKINO TAIZO  
OFUJI YOSHIHIRO

(54) WHEEL FOR ROLLING STOCK EXCELLENT IN WEAR RESISTANCE AND THERMAL CRACK RESISTANCE AND ITS PRODUCTION

(57) Abstract:  
PROBLEM TO BE SOLVED: To produce a wheel for integrated rolling stock simultaneously satisfying wear resistance and thermal crack resistance so as to withstand the speeding-up

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以 Applicant, Title of invention, Abstract 等檢索條件進行檢索

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4.	11 - 017440(1999)	ANTENNA DEVICE
5.	11 - 008893(1999)	RECEIVING DEVICE
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### PATENT ABSTRACTS OF JAPAN

(1) Publication number . 11-027101  
(43) Date of publication of application . 29. 01. 1999

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H04B 1/26

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(21) Application number : 09-181987 (71) Applicant . SONY CORP  
(22) Date of filing : 08. 07. 1997 (72) Inventor . MIYAZAKI YOSHIAKI

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(54) RADIO RECEIVER  
(57) Abstract.  
PROBLEM TO BE SOLVED: To display the name of a selected station immediately after channel selection by comparing a detected distribution of broadcast frequencies with a stored distribution of broadcast frequencies so as to specify the area to which a radio wave is tuned at present and to specify the name of the broadcast station  
SOLUTION: In the case that e.g. frequency 80.0 MHz of an FM broadcast wave is received at present, a central position

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The screenshot shows a Microsoft Internet Explorer window displaying the JPO website. The main content area is titled "Statistics". On the left, there is a sidebar with various links. The "Statistics" section is highlighted. At the bottom of the page, there are "Home" and "Menu" buttons.

## JPO 統計資料

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The Number of Applications and Registrations in 2000

Japan Patent Office

We hereby publish the numbers of applications and registrations for the period from January 1 to December 2000 (the data for the past ten years are also shown for reference purposes).

**[Applications]**

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Patents	369,396	371,894	366,486	353,301	369,215	376,615	391,572	401,932	405,655
(Ratio to the previous year)	100.7%	98.5%	96.4%	104.5%	102.0%	104.0%	102.6%	100.9%	
Utility Models	114,687	94,601	77,101	17,531	14,886	14,082	12,048	10,917	10,283
(Ratio to the previous year)	82.5%	81.5%	22.7%	84.9%	94.6%	85.6%	90.6%	94.2%	
Designs	40,134	39,170	40,759	40,534	40,067	40,192	39,865	39,352	37,368
(Ratio to the previous year)	97.6%	104.1%	99.4%	98.8%	100.3%	99.2%	98.7%	95.0%	
Trademarks	167,906	311,011	174,585	172,839	179,689	188,160	133,116	112,459	121,861
(Ratio to the previous year)	185.2%	56.1%	99.0%	104.0%	104.7%	70.7%	84.5%	108.4%	

**[Registrations]**

## 歷年 Patents、Utility、Designs 及 Trademarks 統計資料

由上述歐洲專利局（EPO）、美國專利商標局（USPTO）、世界智慧財產權組織（WIPO），日本專利局（JPO）各網站資料庫比較，歐洲專利局及世界智慧財產權組織之內容較多元化，且涵蓋範圍亦較為廣泛，而美國專利商標局及日本專利局則較為本土化，然其特色與歐洲專利局及世界智慧財產權組織相同，均為具有相當龐大之電子資料庫訊息，並可讓任何人非常輕易即可由網路上取得相關資訊，對於工業財產權、智慧財產權，及科技發展，實為一大貢獻。我國在這方面亦不斷努力跟進中，如專利商標之行政管理或檢索，亦均以電腦化進行。

## 第四章 建議

本研討會課程特別安排幾近二天有關工業財產權在 Internet 的應用，其內容可謂相當豐富，惟主辦單位在網路硬體上無法支援，故難以上線實地操演，實為美中不足。近年來我國在專利商標行政系統電腦化及光碟資料庫之擴建係有目共睹，如我國（智慧財產局）有關專利方面之光碟資料庫除本國專利之檢索系統外，至今已包括 US PatentSearch (1974~)、PCT PatentSearch (1992~)、Espace-Access (1978~)、Patent Abstracts of Japan (1976~)、日文日本專利光碟 (1994~)、Patent View 美國專利說明書 (1987~)、USAPAT 美國專利說明書 (1995~)、Espace-EP 歐洲專利說明書 (1995~)、Espace-World PCT 專利說明書 (1995~)、Espace-UK PCT 英國專利說明書 (1995~)、Espace-DK 丹麥專利說明書 (1990~)、DEPAROM 德國專利說明書 (1995~) 等龐大光碟資料庫，其內容亦可謂相當豐富。惟上述資料庫之檢索仍以光碟櫃進行，同時亦僅能在局內進行，對工業財產權或智慧財產權的發展而言，實有待加強改進。目前本局網站有關智慧財產權之內容與前述歐美日網站比較，無論軟體或硬體方面，均尚有一段不小的差距，希望我國能以上述先進國家之網站資訊作為借鏡，繼續努力，得以早日跟進，邁入國際化。