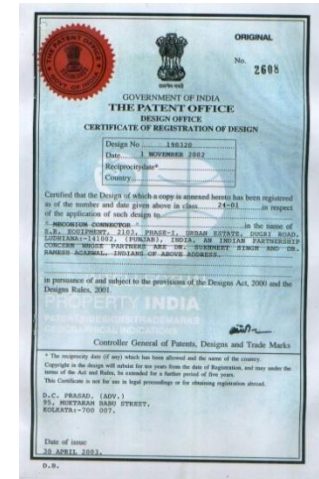


# Patents Basics



*Necessity is the mother of invention.  
The father is unknown.*

חפש ביר ערך או מוד

טכנות

חפש כתבה

# כלכליסט

ראשי | 24/7 | באזז | השוק | מניות | תעודות סל | קרנות | נדל"ן | טכנולוגי | משפט | פורש | בארץ | ע

טכנולוגיה וסלולר | PLAY | סמארט-אפ | הייטק וזמן סיכון | אייפונים | המדריכים | TV Zone

טכנולוגי

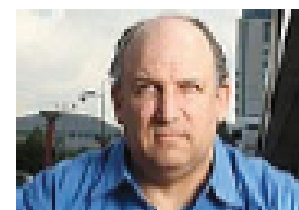
## בלעדי: שיא במכירת קניין רוחני - 20 מיליון דולר לפטנט ישראלי

שנה אחרי שהביס ה-WiFi את סרקונט, מוכר המנכ"ל יהודה בינדר את הקניין הרוחני, כ-300 פטנטים, למסאיד הקנדית. הרווח יחזור למשקיעים: פיטנגו, פלאטינום, שרם-פודים, אליס ונצ'רס ו-TP, שבראשות דן קורן

אסף גלעד

07:03, 19.03.09

4 תגובות



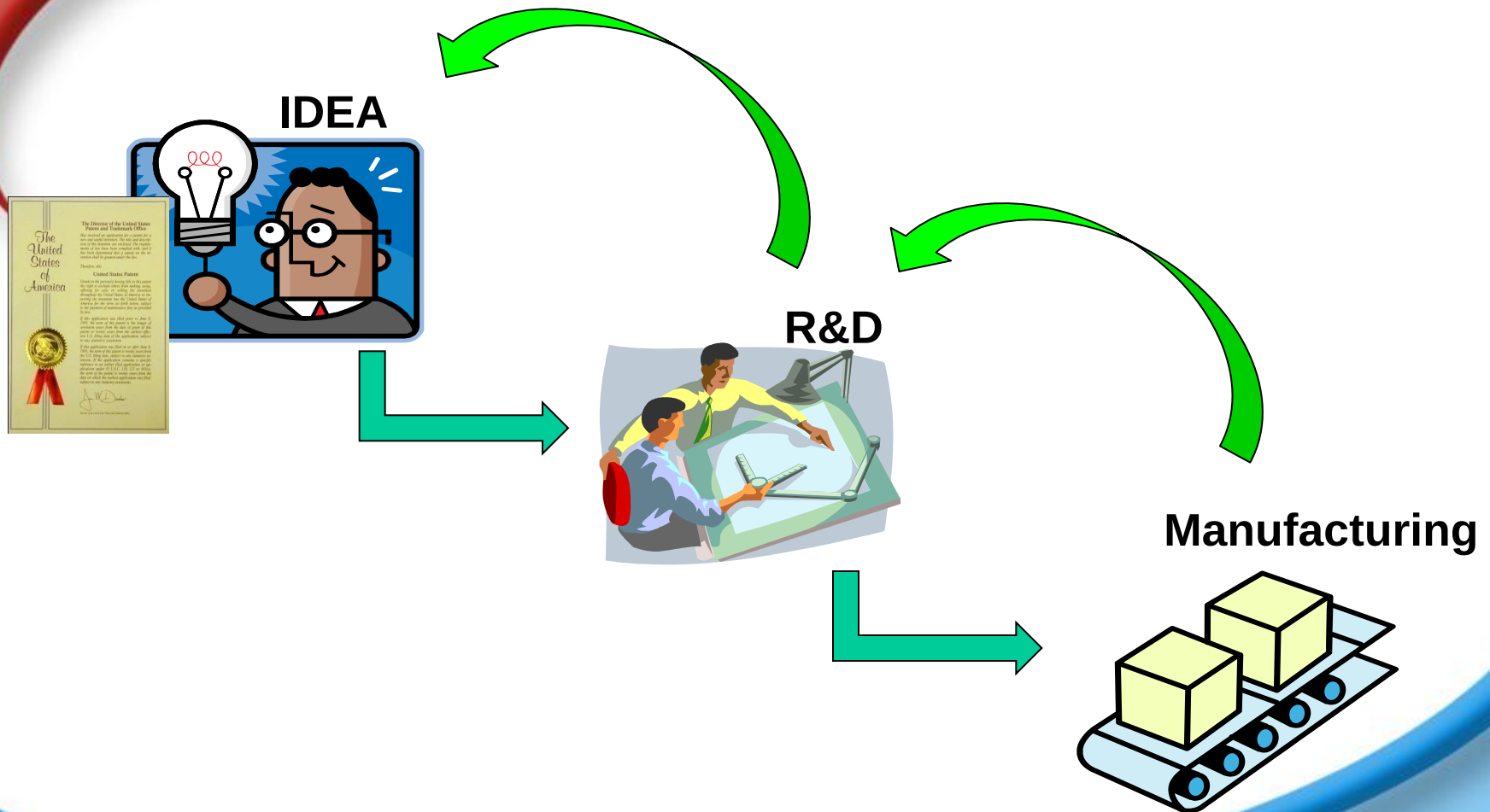
יהודה בינדר, תאמונה  
השתלמה  
צילום: אוראל כהן

מסי לעיתון | אפליקציות דור 3 | מבזקי SMS | מיזלטר

תגיות קשורות לכתבה

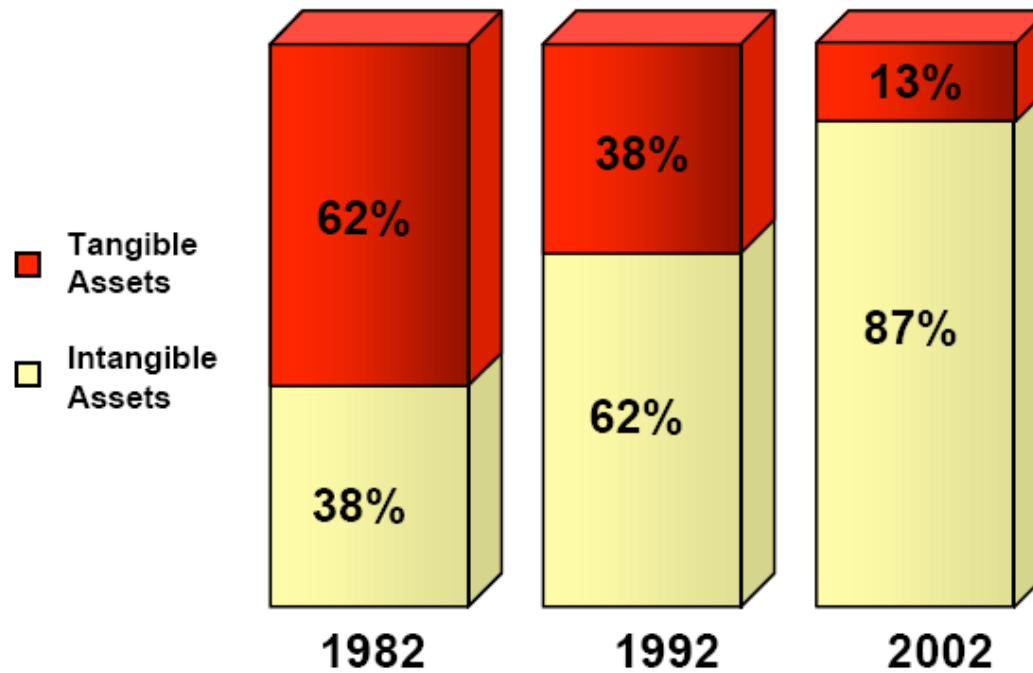
קניין רוחני

# Innovation Flow



# Intellectual Property Value

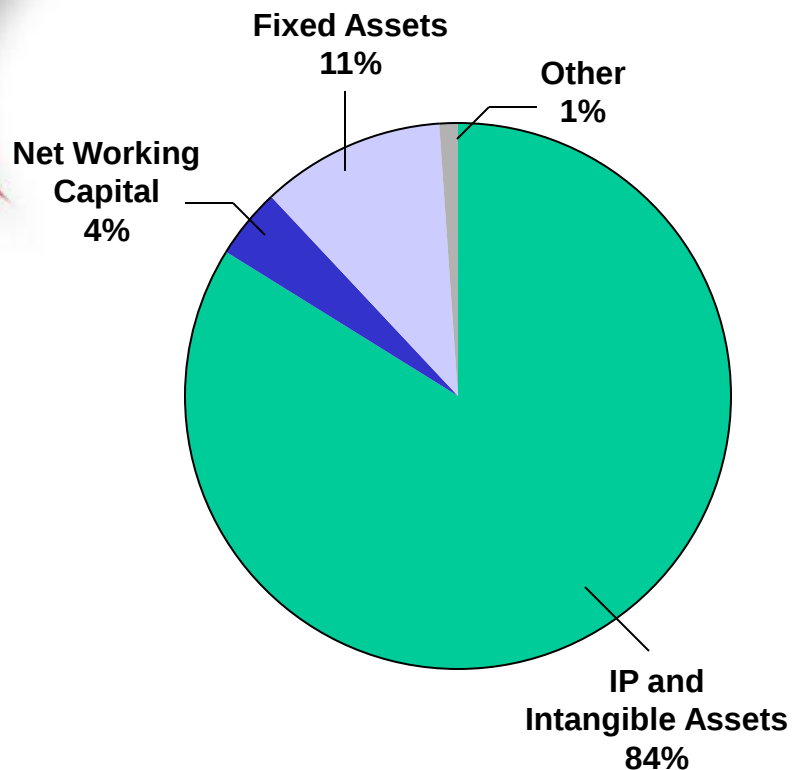
Intangible Assets as a % of S&P 500  
Market Capitalization



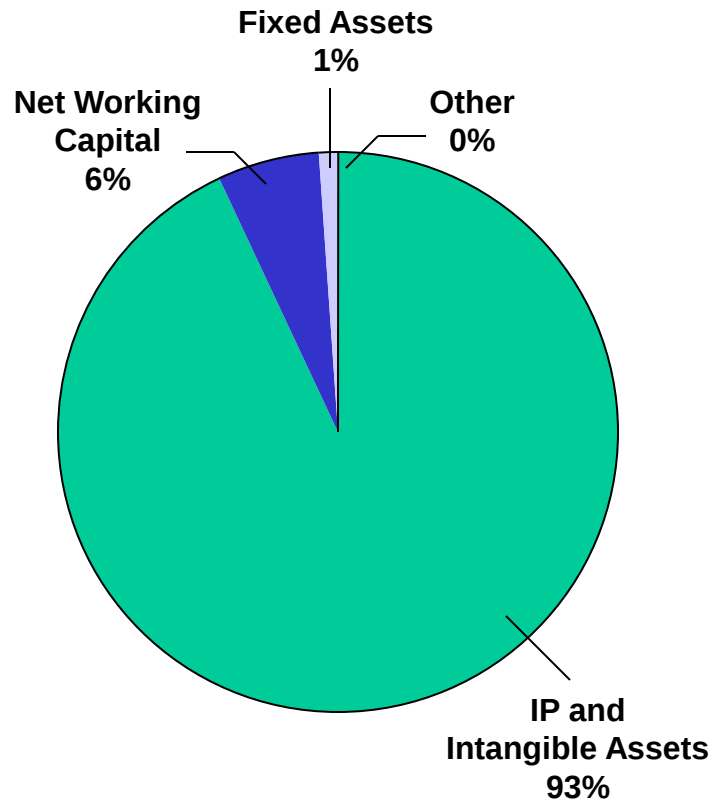
Source: Brookings Institute

# Intangible Value

**Procter and Gamble**



**Amazon.com**



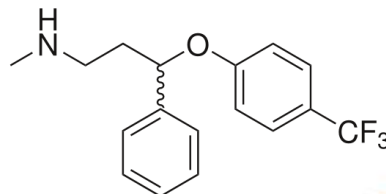
Source: W. Anson, "How Intangible Assets Drive Capitalization" les Nouvelles, September 19999

# The \$35B Patent...

- Aug. 8, 2000: Federal Appeals Court invalidates Prozac patent
- Eli Lilly market cap dropped from \$110B to \$75B

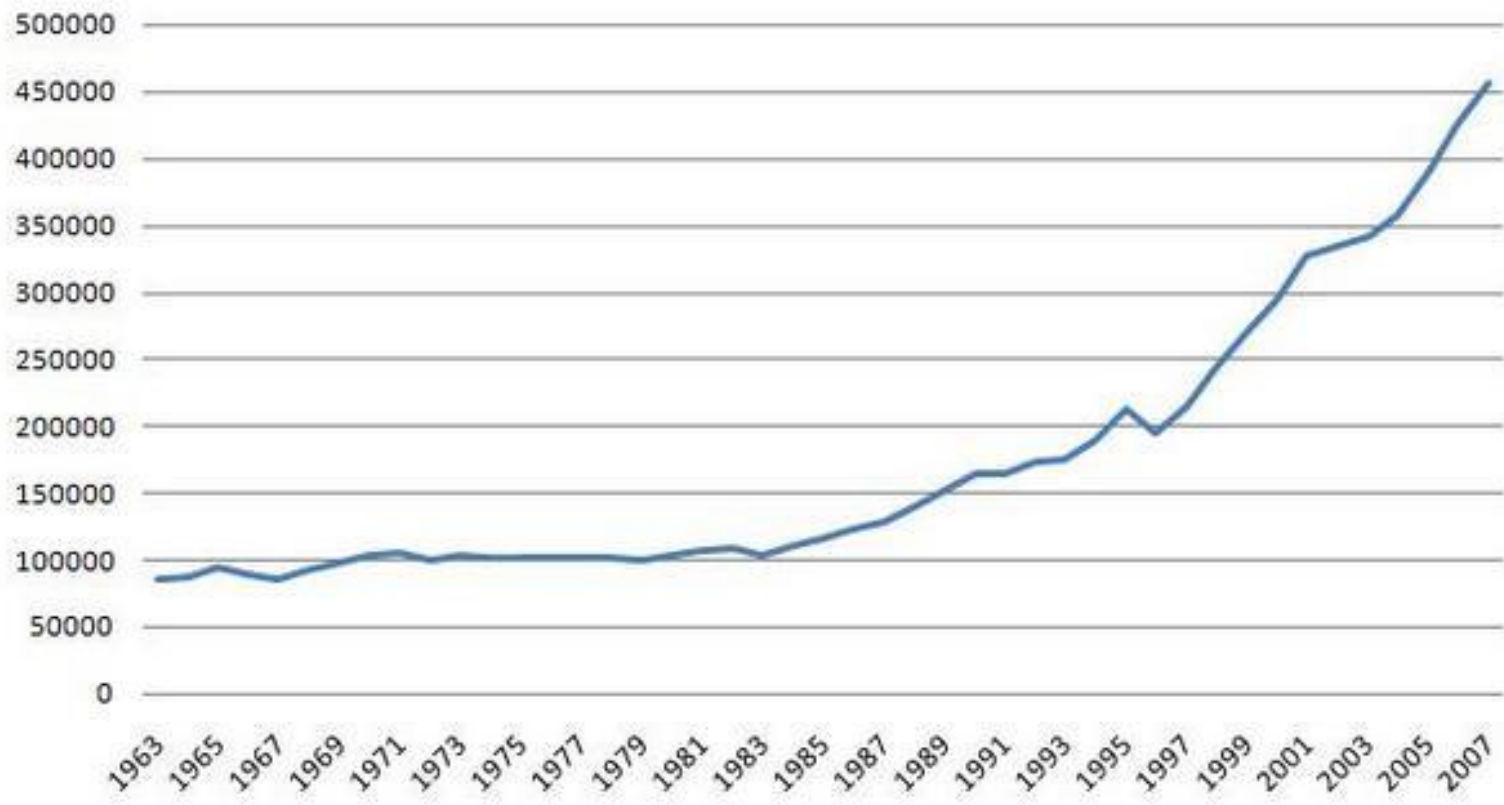


*Lilly*



# USA Patent Filing

US Utility Patent Applications



# Israeli Patent Filing in the U.S.

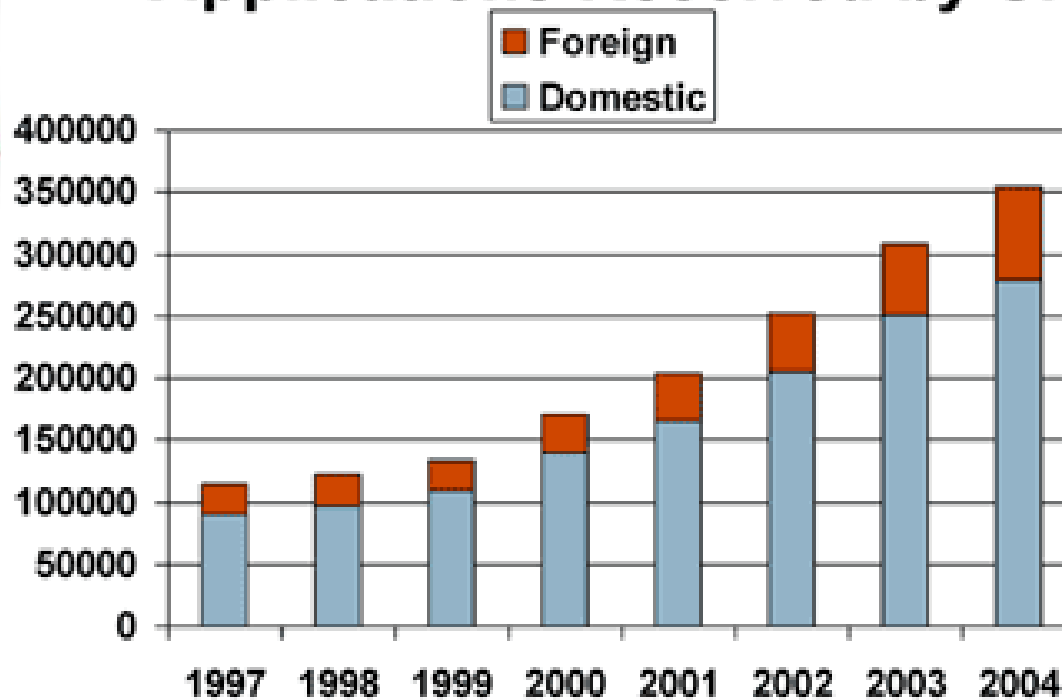
| Absolute Ranking | Country of Origin | No. of US Applications (2008) | Population    | Filings per million | Relative Ranking |
|------------------|-------------------|-------------------------------|---------------|---------------------|------------------|
| 1                | US                | 77501                         | 307,212,123   | 252                 | 3                |
| 2                | Japan             | 33682                         | 127,078,679   | 265                 | 2                |
| 3                | Germany           | 8915                          | 82,329,758    | 108                 | 9                |
| 4                | Rep. of Korea     | 7549                          | 48,508,972    | 156                 | 6                |
| 5                | Taiwan            | 6339                          | 22,974,347    | 276                 | 1                |
| 6                | Canada            | 3393                          | 33,487,208    | 101                 | 10               |
| 7                | France            | 3163                          | 64,057,792    | 49                  | 14               |
| 8                | UK                | 3094                          | 61,113,205    | 51                  | 13               |
| 9                | Italy             | 1357                          | 58,126,212    | 23                  | 15               |
| 10               | Netherlands       | 1329                          | 16,715,999    | 80                  | 11               |
| 11               | Australia         | 1292                          | 21,262,641    | 61                  | 12               |
| 12               | China             | 1225                          | 1,338,612,968 | 1                   | 16               |
| 13               | Israel            | 1166                          | 7,233,701     | 161                 | 4                |
| 14               | Switzerland       | 1112                          | 7,604,467     | 146                 | 7                |
| 15               | Sweden            | 1060                          | 9,059,651     | 117                 | 8                |
| 16               | Finland           | 824                           | 5,250,275     | 157                 | 5                |

|            |        |
|------------|--------|
| All others | 4771   |
| Total      | 157772 |

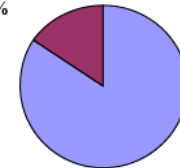
# Also China



## Applications Received by SIPO



Overseas Applications  
107,419-15%



Domestic Applications  
586,734-85%

Design applications  
267,668-39%

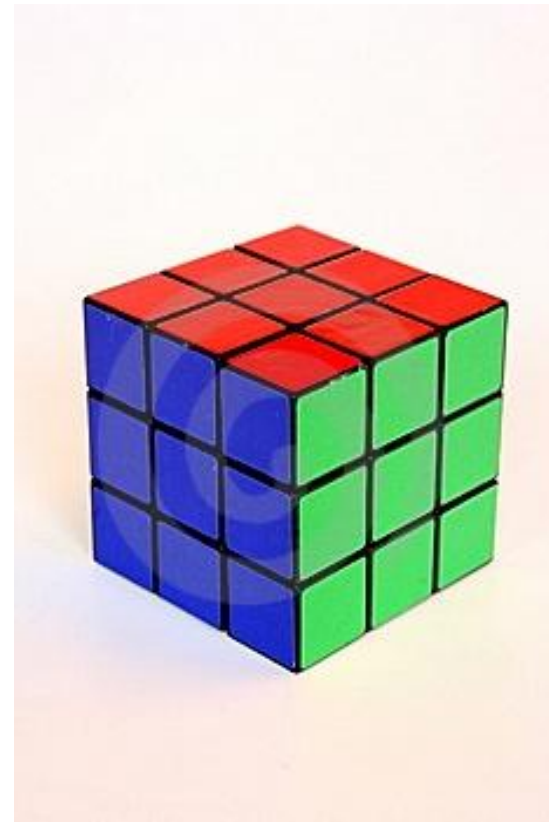


Invention applications  
245,161-35%

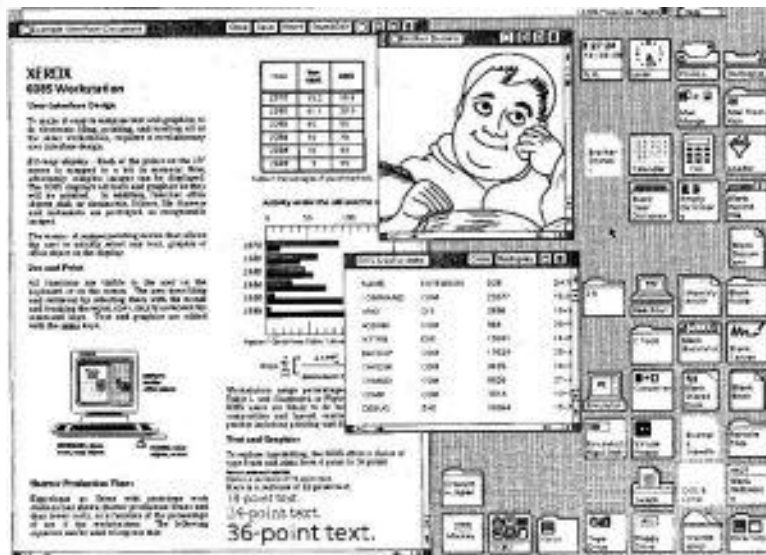
Utility model applications  
181,324-26%

— Five-fold increase in Chinese patent filings, 1991-2001

# What not to do....



# What not to do....



**parc**  
Palo Alto Research Center



# What to do....



**\$10-12B per year...**

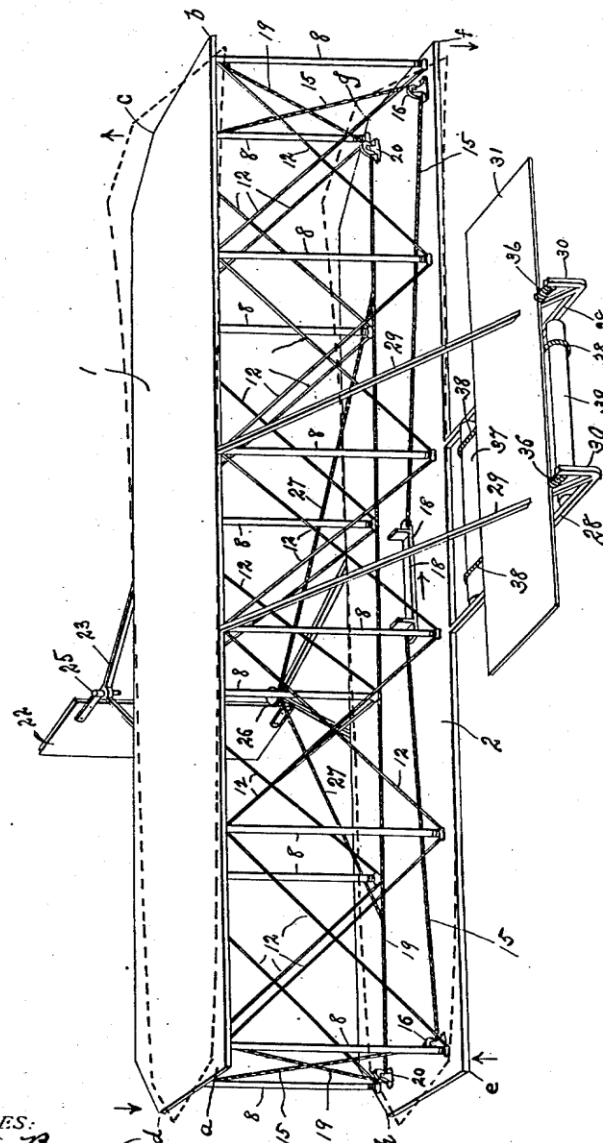


**\$3B per year, 50-100% growth**

O. & W. WRIGHT.  
FLYING MACHINE.  
APPLICATION FILED MAR. 23, 1903.

3 SHEETS—SHEET 1.

FIG. 1.



WITNESSES:  
William F. Bauer.  
Irvine Miller.

INVENTORS.  
Orville Wright.  
Wilbur Wright.  
BY  
H. A. Pauline,  
ATTORNEY.

Dec. 31, 1935.

C. B. DARROW

2,026,082

BOARD GAME APPARATUS

Filed Aug. 31, 1935

7 Sheets-Sheet 1

Fig. 1.



Fig. 2.

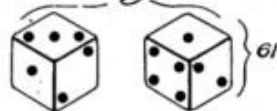


Fig. 3.

Fig. 4.



Fig. 5.



Inventor:

Charles B. Darrow.

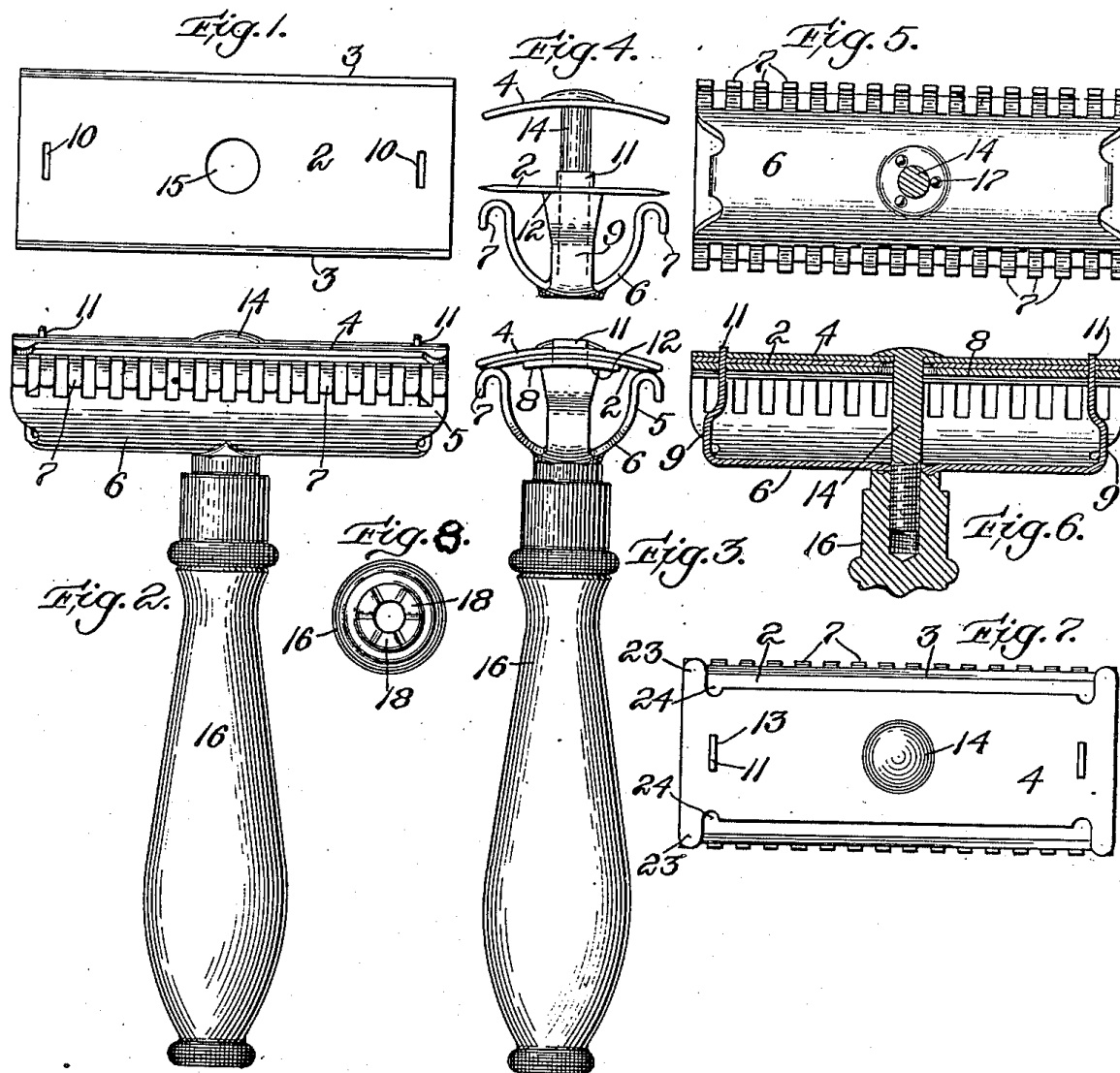
by Emory, Darrow, Townsend, and Friedman  
Attys.

K. C. GILLETTE.

RAZOR.

APPLICATION FILED DEC. 3, 1901.

NO MODEL.



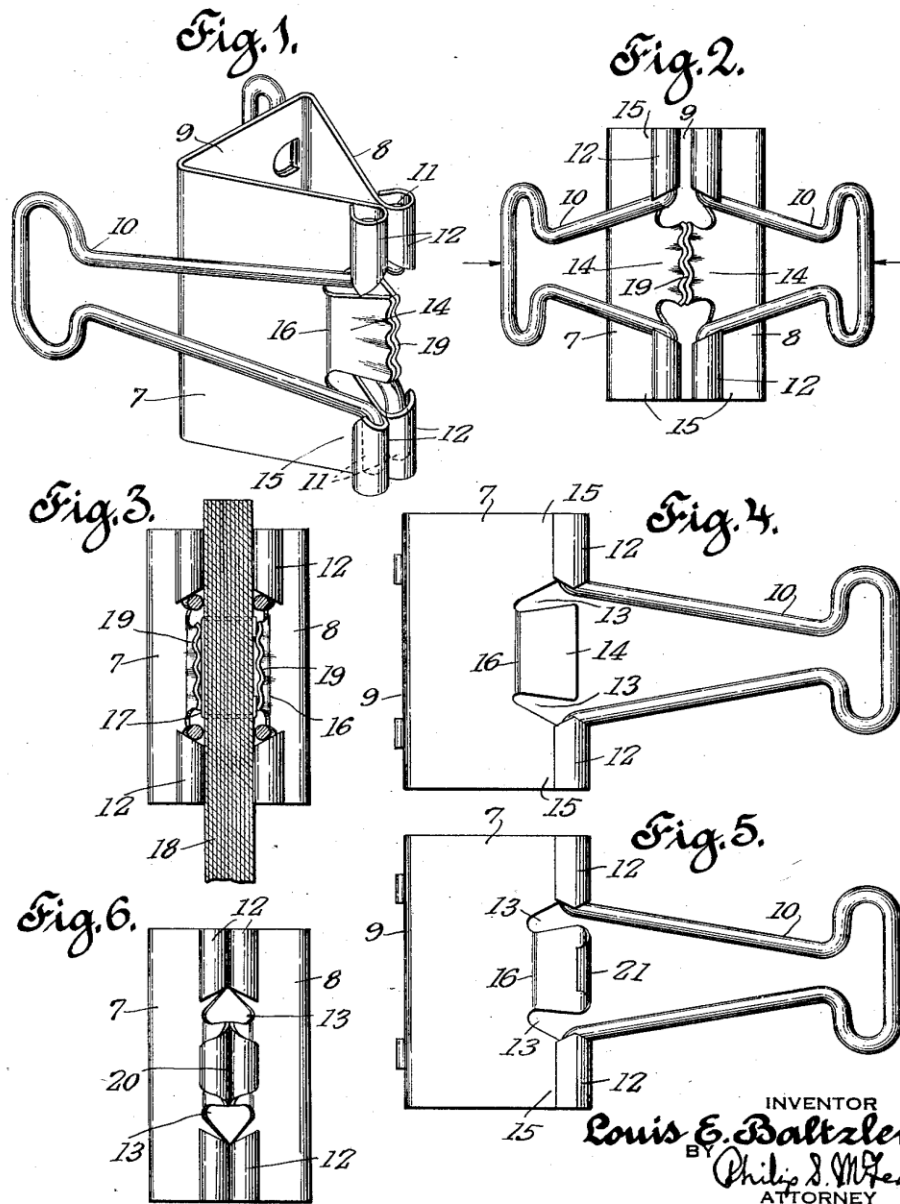
July 5, 1932.

L. E. BALTZLEY

1,865,453

BINDER CLIP

Filed Feb. 27, 1930



INVENTOR  
**Louis E. Baltzley**  
 BY *Philip S. McLean*  
 ATTORNEY

# United States Patent

Jivoin

[15] 3,641,884

[45] Feb. 15, 1972

## [54] MANUFACTURING FLEXIBLE DRINKING STRAWS

[72] Inventor: Anton Jivoin, 4307 N. Hamlin St., Chicago, Ill. 60625

[22] Filed: July 7, 1969

[21] Appl. No.: 839,299

|           |         |                 |          |
|-----------|---------|-----------------|----------|
| 2,391,915 | 1/1946  | McLaughlin..... | 93/94 X  |
| 2,508,798 | 5/1950  | Polson.....     | 93/84 TW |
| 2,631,645 | 3/1953  | Friedman.....   | 93/84 TW |
| 2,837,980 | 6/1958  | Brewer.....     | 93/59 ES |
| 3,242,828 | 3/1966  | Larkin.....     | 93/77    |
| 3,291,009 | 12/1966 | Davis.....      | 93/80    |
| 3,339,004 | 8/1967  | Nardone.....    | 264/293  |
| 3,409,224 | 11/1968 | Harp.....       | 93/94 X  |
| 3,530,556 | 9/1970  | Hole.....       | 93/94 X  |

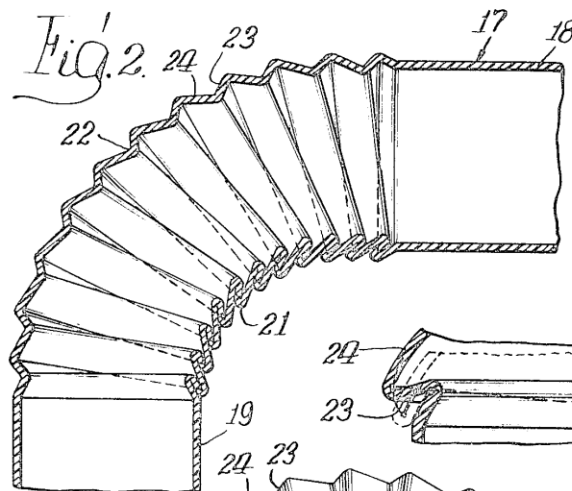


Fig. 5.

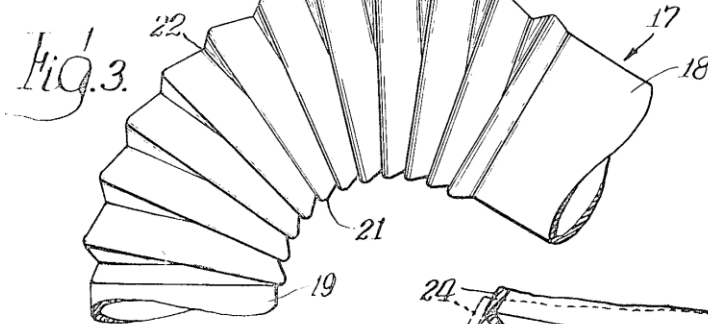
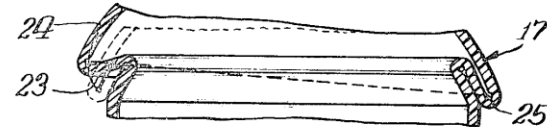


Fig. 6.

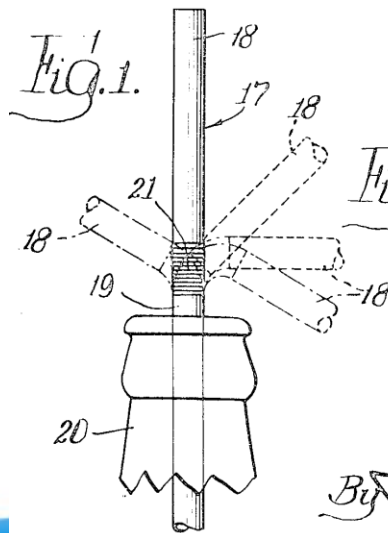
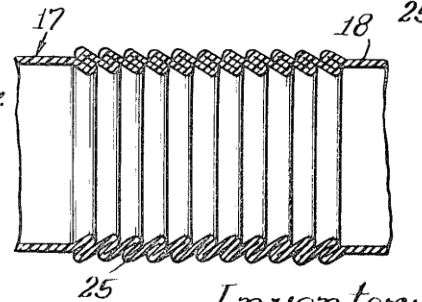


Fig. 4.



Inventor:  
Anton Jivoin.

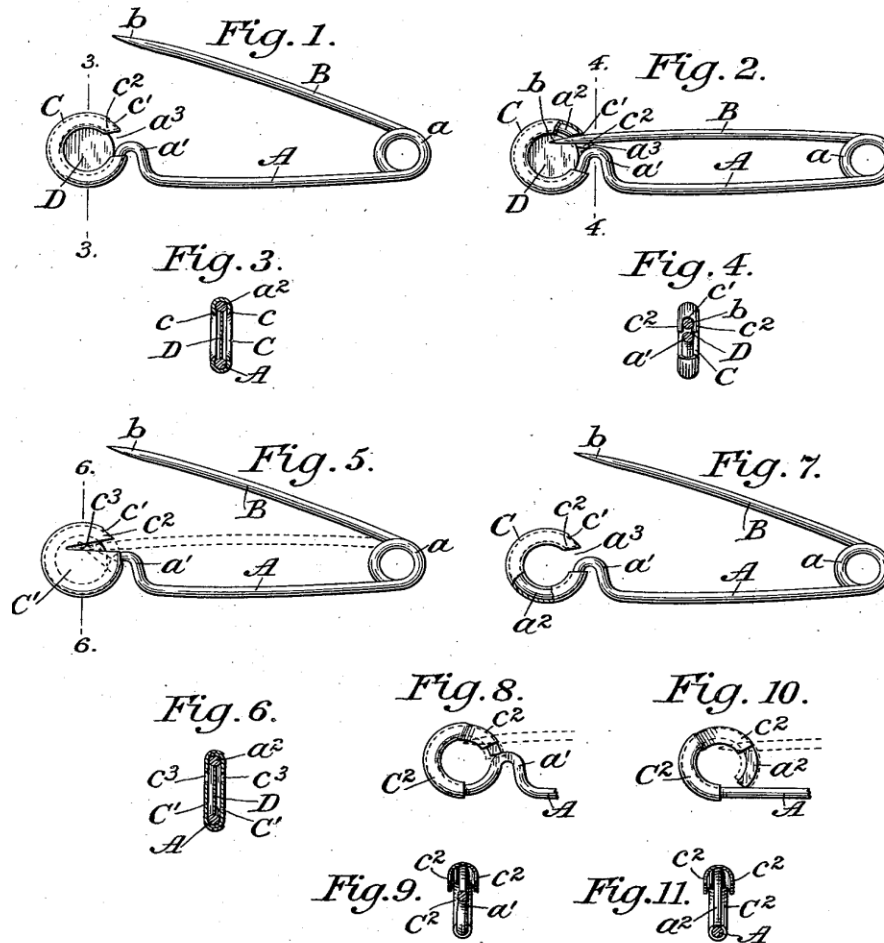
By Andrew F. (Wintercorn) City.

(No Model.)

C. A. BRYANT.  
SAFETY PIN.

No. 561,199.

Patented June 2, 1896.



*Attest:*

A. N. Jesbera.

Chas. E. Epworth.

*Inventor:*

Charles A. Bryant  
by Redding & Kiddle

*Attys.*

Fig. 1,

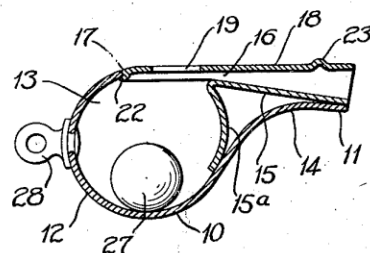


Fig. 2,

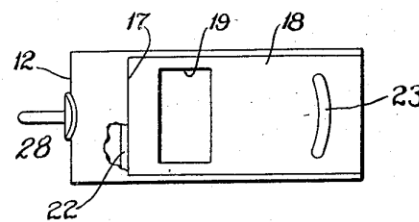


Fig. 3,

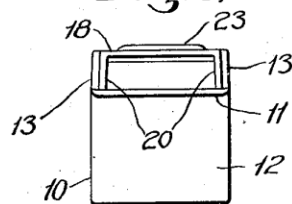


Fig. 4,

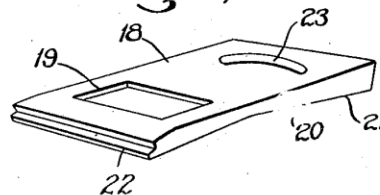


Fig. 5,

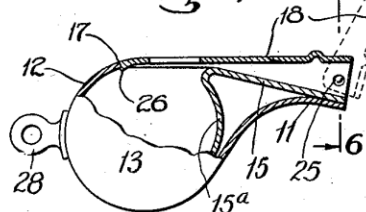


Fig. 7,

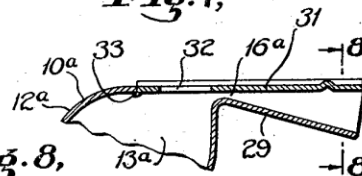


Fig. 8,

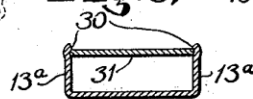


Fig. 6,

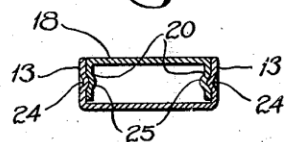
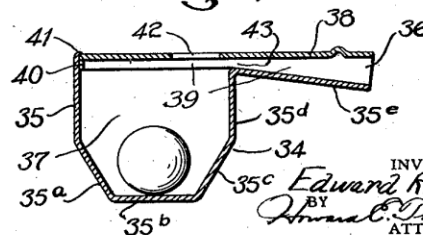


Fig. 9,



INVENTOR  
Edward R. Petrie  
BY  
Attorney

Jan. 28, 1947.

R. T. JAMES  
TOY AND PROCESS OF USE

2,415,012

Filed Aug. 21, 1946

3 Sheets-Sheet 1

Fig. 1.

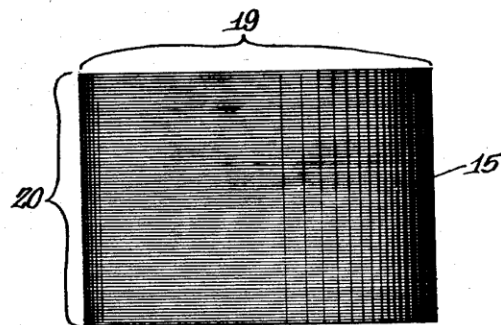


Fig. 2.

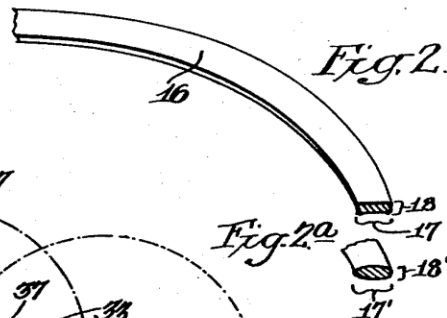


Fig. 6.

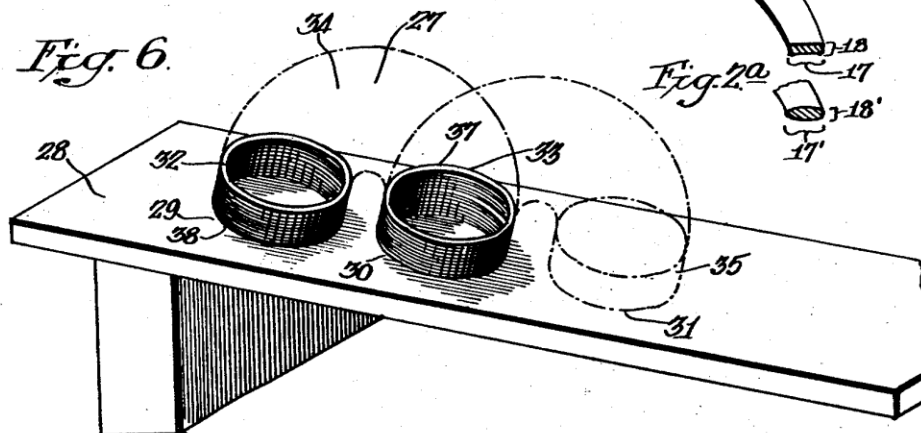


Fig. 8.

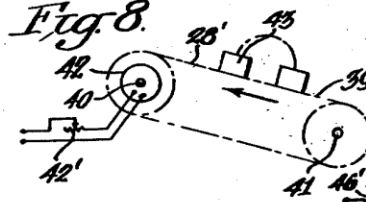
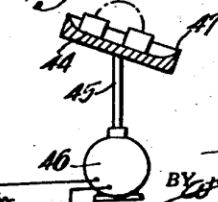


Fig. 9.



INVENTOR:  
Richard T. James,  
BY *W. Stallfichman and Son*  
ATTORNEYS.



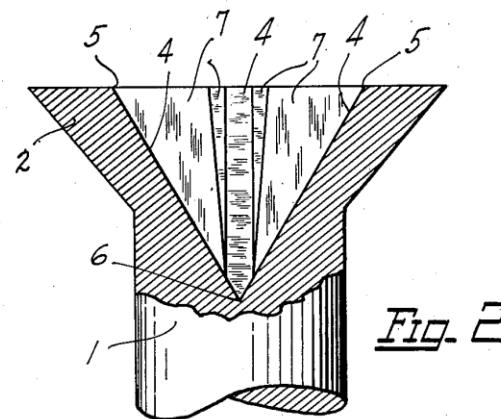
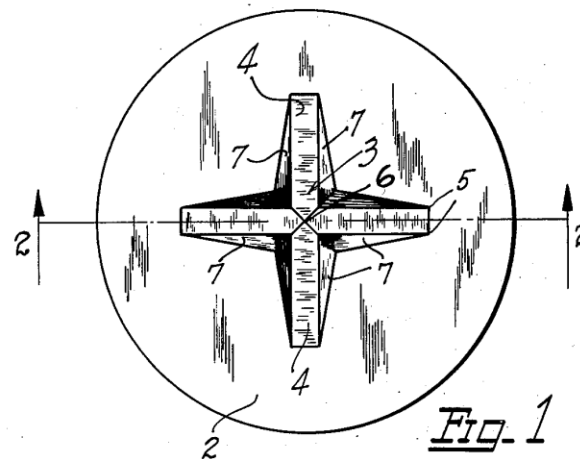
July 7, 1936.

H. F. PHILLIPS

2,046,343

SCREW

Filed July 3, 1934



HENRY F. PHILLIPS

INVENTOR.

BY *James D. Givran*  
ATTORNEYS.

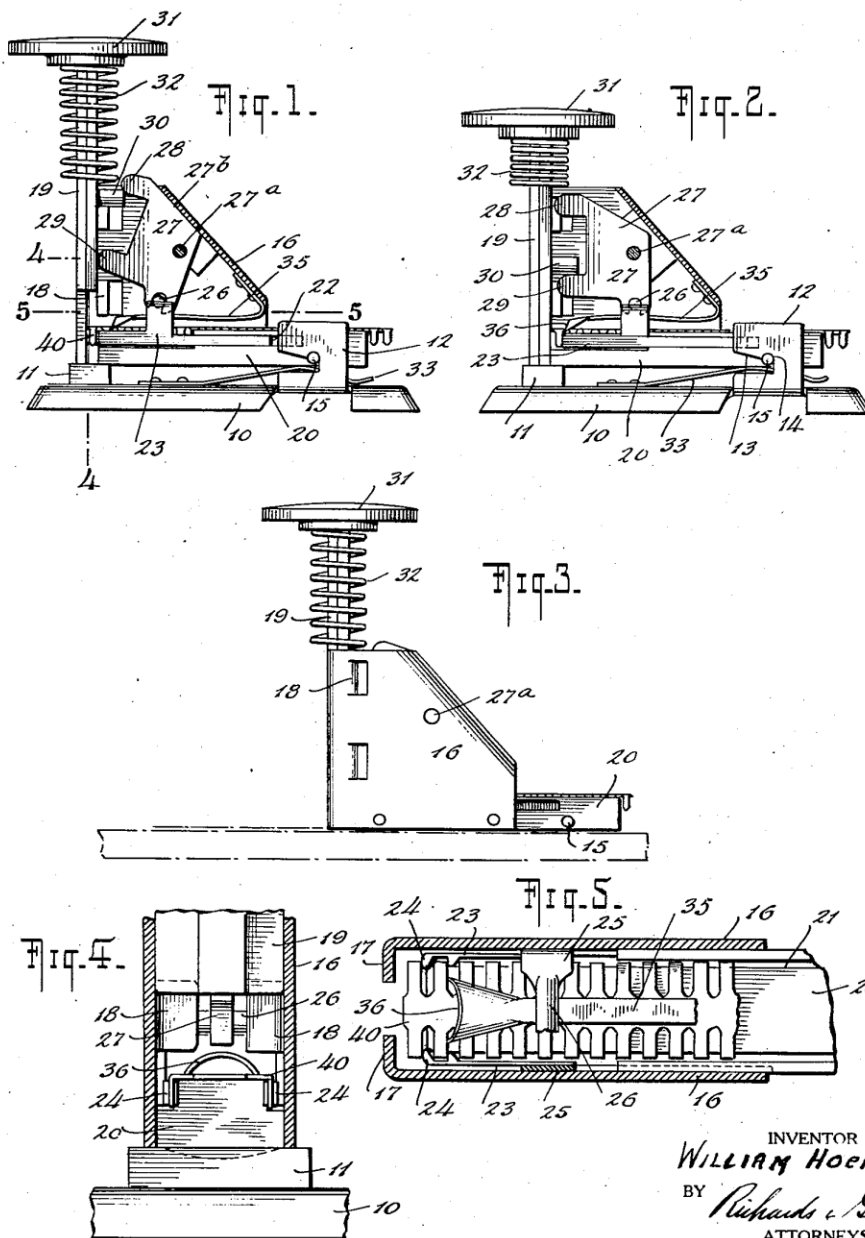
Sept. 9, 1924.

W. HOEHN

1,507,775

STAPLING MACHINE

Filed July 11, 1923



INVENTOR  
**WILLIAM HOEHN**  
 BY *Richards & Seier*  
 ATTORNEYS

No. 808,897.

PATENTED JAN. 2, 1906.

W. H. CARRIER.  
APPARATUS FOR TREATING AIR.  
APPLICATION FILED SEPT. 16, 1904.

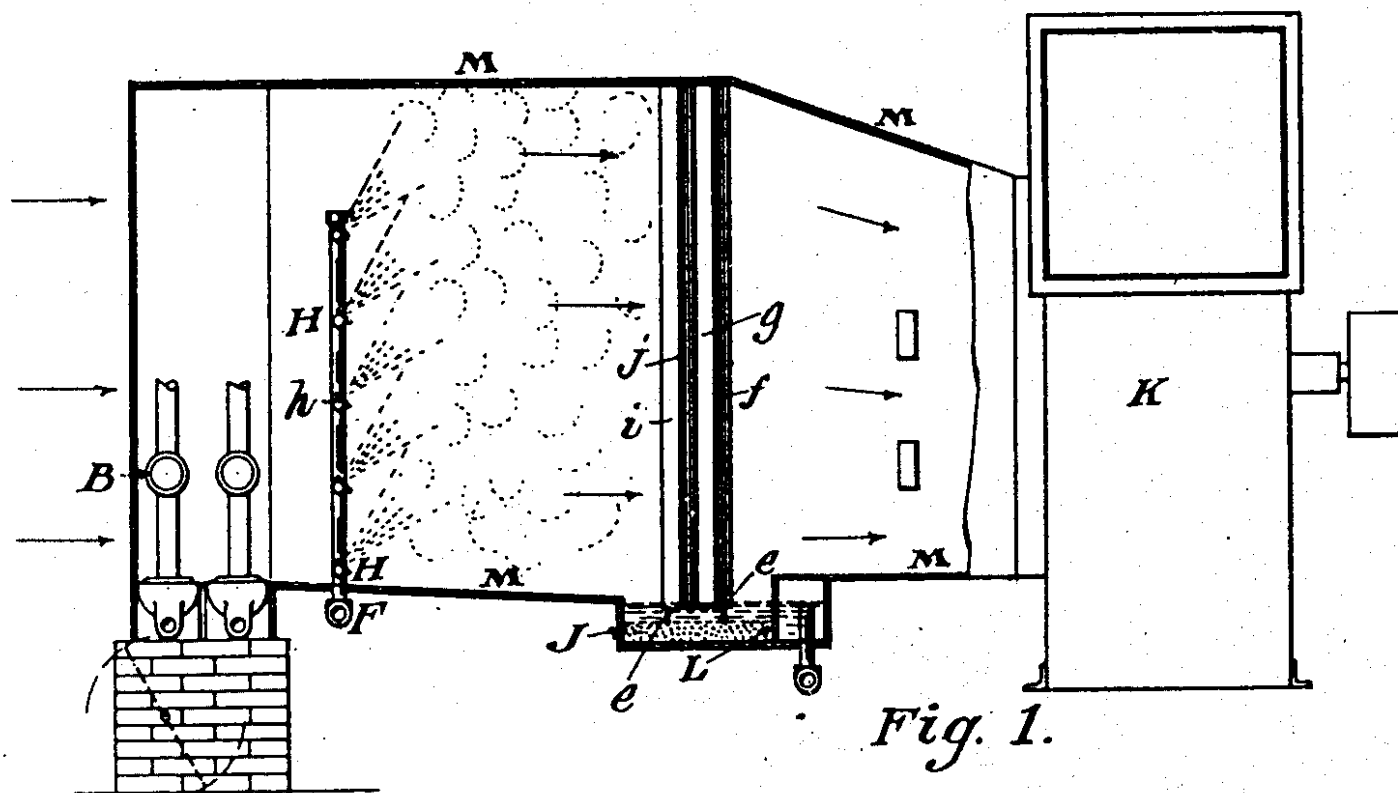


Fig. 1.

[54] **CRYPTOGRAPHIC COMMUNICATIONS SYSTEM AND METHOD**

[75] Inventors: **Ronald L. Rivest**, Belmont; **Adi Shamir**, Cambridge; **Leonard M. Adleman**, Arlington, all of Mass.

[73] Assignee: **Massachusetts Institute of Technology**, Cambridge, Mass.

[21] Appl. No.: **860,586**

[22] Filed: **Dec. 14, 1977**

[51] Int. Cl.<sup>3</sup> ..... **H04K 1/00; H04I 9/00**

[52] U.S. Cl. .... **178/22.1; 178/22.1**

[58] Field of Search ..... **178/22, 22.1, 22.11  
178/22.14, 22.1**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

3,657,476 4/1972 Aiken ..... 178/2

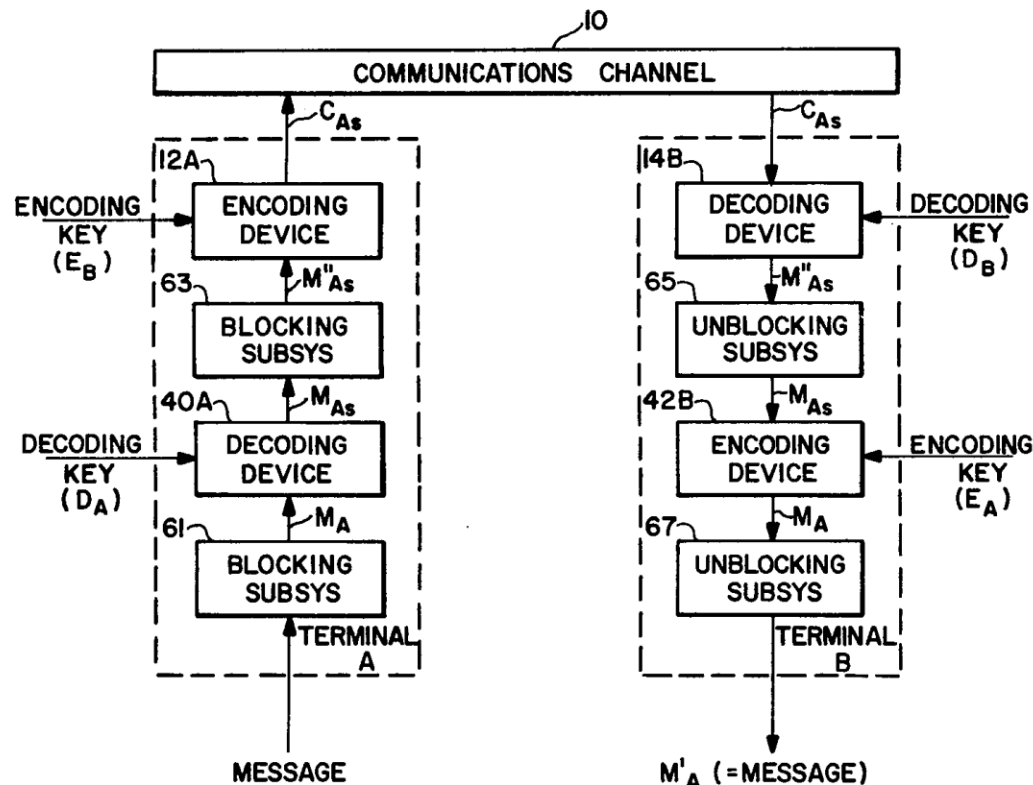
**OTHER PUBLICATIONS**

*Primary Examiner*—Sal Cangialosi

*Attorney, Agent, or Firm*—Arthur A. Smith, Jr.; Robert J. Horn, Jr.

[57] **ABSTRACT**

A cryptographic communications system and method. The system includes a communications channel coupled to at least one terminal having an encoding device and to at least one terminal having a decoding device. A message to be transferred is enciphered to ciphertext at



[54] **APPARATUS AND METHOD FOR  
COMPRESSING DATA SIGNALS AND  
RESTORING THE COMPRESSED DATA  
SIGNALS**

[75] Inventors: Willard L. Eastman, Lexington,  
Mass.; Abraham Lempel; Jacob Ziv,  
both of Haifa, Israel; Martin Cohn,  
Arlington, Mass.

[73] Assignee: Sperry Corporation, New York, N.Y.

[21] Appl. No.: 291,870

[22] Filed: Aug. 10, 1981

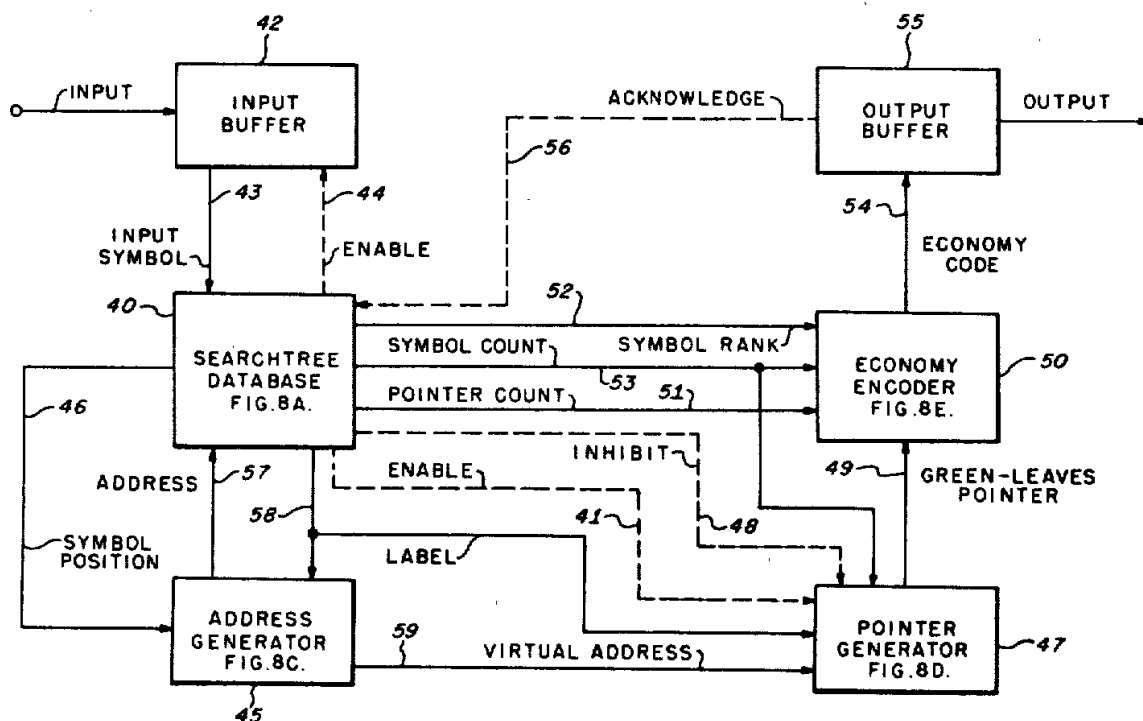
[51] Int. Cl.<sup>3</sup> .....

[52] U.S. Cl. .... 340/347 I

[58] Field of Search ..... 340/347 D

[57] **ABSTRACT**

A compressor parses the input data stream into segments where each segment comprises a prefix and the next symbol in the data stream following the prefix. The prefix of a segment is the longest match with a previously parsed segment of the data stream. The compressor constructs a search tree data base to effect the parsing and to generate a pointer for each segment pointing to the previous segment matching the prefix. The search tree comprises internal nodes including a root and exter-



May 15, 1962

G. K. CHRISTIANSEN

3,034,254

TOY BUILDING SETS AND BUILDING BLOCKS

Filed March 2, 1959

2 Sheets-Sheet 1

FIG. 1.

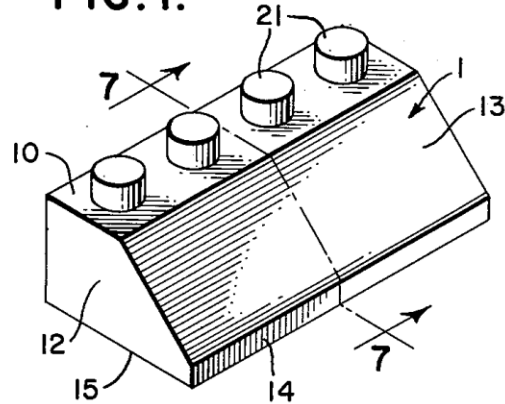


FIG. 2.

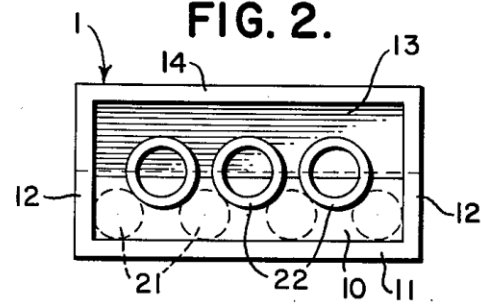


FIG. 4.

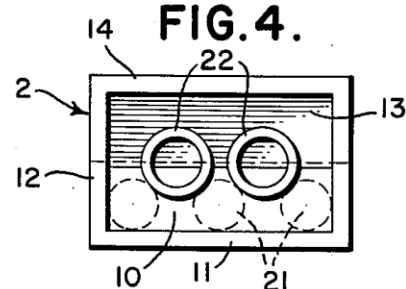


FIG. 3.

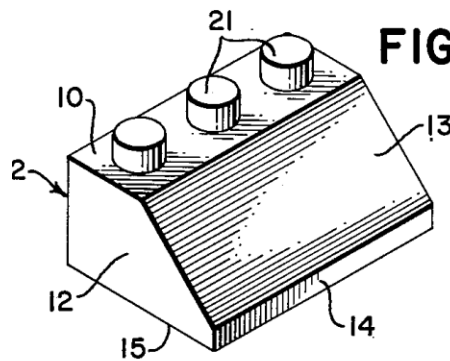


FIG. 6.

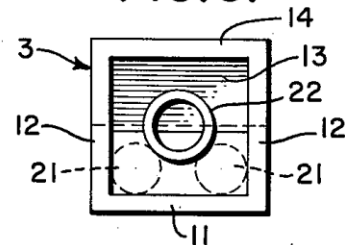


FIG. 5.

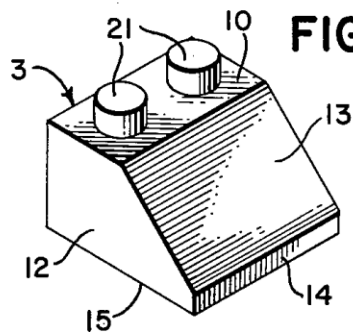


FIG. 7.

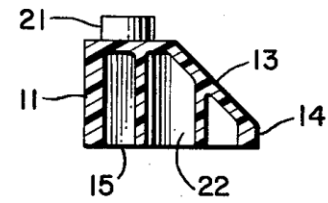


FIG. 9.



(12) **United States Patent**  
**Fadell et al.**

(10) **Patent No.:** **US 7,627,343 B2**  
(45) **Date of Patent:** **\*Dec. 1, 2009**

(54) **MEDIA PLAYER SYSTEM**

(75) Inventors: **Anthony M. Fadell**, Portola Valley, CA (US); **Stephen Paul Zadesky**, San Carlos, CA (US); **John Benjamin Filson**, Los Altos, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 427 days.

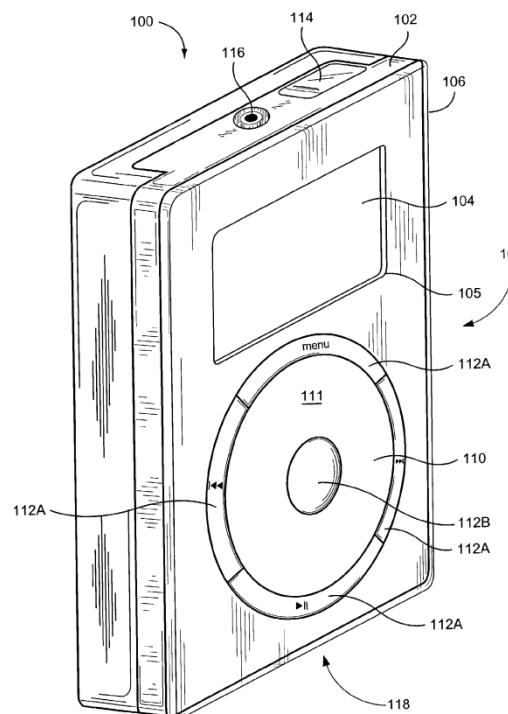
This patent is subject to a terminal disclaimer.

(21) Appl. No.: **10/423,490**

(22) Filed: **Apr. 25, 2003**

OTHER PUBLICATIONS

Co-Pending U.S. Appl. No. 11/875,661; Co-Pending U.S. Appl. No. 12/238,278; Co-Pending U.S. Appl. No. 12/394,459; Co-Pending U.S. Appl. No. 12/418,439; Co-Pending U.S. Appl. No. 11/875,638.\*



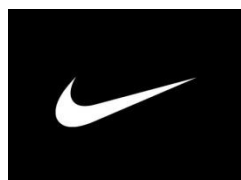
# Intellectual Property Rights

- **Trademarks**
- **Copyrights**
- **Trade Secrets**
- **Patents**



# Trademarks

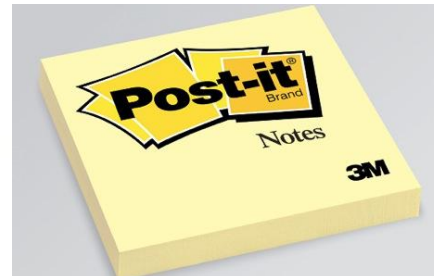
- Identify a source of goods or services
- Even if the source is not known



# Trademarks

- Any identification used to distinguish goods or services:

- Word
- Slogan
- Design
- Picture
- Product / Packaging shape
- Sound
- Color
- Smell



## ™ vs. ®

- ™ is used in the US to show knowledge of common law rights (Lanham Act)
- ® is used in the US once a trademark has been federally registered (USPTO)

# Trademarks

Word Mark: **Mickey Mouse**

Walt Disney Productions, LTD

Registration date: June 5, 1934

Goods and services: Books and newspaper cartoon strips

First Use: Jan. 27, 1930

Design search code: 030926030906

Serial Number: 71347272

Registration Number: 0313765

Recorded Assignment

Type of Mark: Trademark

Renewal: 14 July 3, 1994

Dead / live Indicator: LIVE.



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# COPYRIGHTS

All Rights Reserved

# Protected Works

1. Literary works
2. Musical works, including any accompanying words
3. Dramatic works, including any accompanying music
4. Pantomimes and choreographic works
5. Pictorial, graphic, and sculptural works
6. Motion pictures and other audiovisual works
7. Sound recordings
8. Architectural works
9. Software (code copying ONLY !!!)



- [illegible]

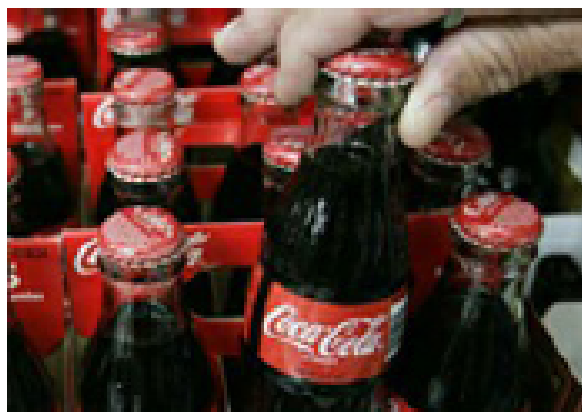
[illegible]

| FinStats Annual   |  | 2013-2024 |      |      |      |      |      |      |      |      |      |
|-------------------|--|-----------|------|------|------|------|------|------|------|------|------|
|                   |  | 2013      |      | 2014 |      | 2015 |      | 2016 |      | 2017 |      |
|                   |  | 2013      | 2014 | 2013 | 2014 | 2013 | 2014 | 2013 | 2014 | 2013 | 2014 |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  | 128       | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  |
| Services          |  | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total             |  | 138       | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| Product Sales     |  | 138       |      |      |      |      |      |      |      |      |      |
| Computer Hardware |  | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Software          |  |           |      |      |      |      |      |      |      |      |      |

## לאחר 125 שנה: המתכון הסודי לקוקה קולה נחשף

09:10 | 15.2.2011 סוכנויות הידיעות

מאז המצאת קוקה קולה ב-1886, נשמרו מרכיביו של המשקה התוסס תחת מעטה כבד של סודיות. ובכן, לא עוד - אתר האינטרנט [thisamericanlife.org](http://thisamericanlife.org) טוען כי בידיו נמצאת הנסחה להכנת המשקה הפופולרי בעולם.



האתר טוען כי חשף רשימה של המרכיבים והכמויות המשמשים להכנת קוקה קולה, אשר לדבריו פורסמה כבר ב-1979 בעיתון מקומי באטלנטה, ג'ורג'יה, העיר שממנה מגיע המשקה. לפי [thisamericanlife.org](http://thisamericanlife.org), במאמר, שאיש לא הבחין בו משום שהיה קבור בעמוד 28 של העיתון, הוצגה תמונת העתק מדויק של המתכון כפי שכתב אותו ממציא הקוקה קולה, ג'ון פמברטון.

המתכון מתייחס לקוקה קולה כ"משקה בעל מרכיבים טבעיים הכולל קפאין", לצד מים, סוכר, חומצה זרחתית וצבע מאכל (קרמל E150d). "אני חושב שזו בהחלט עשויה להיות גרסה של הנסחה", ציטט האתר את ההיסטוריון מארק פנדרגרסט.

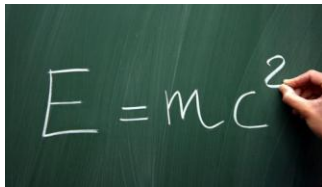
בקוקה קולה חששו מאז ומתמיד מהעתקת המתכון, ושמרו את העותק היחיד בכספת במק. במסך, לחלק עיקרי במתכון ניתן השם המסתורי "7X", אשר רק שני עובדים של החברה יודעים את הנסחה המלאה למרכיב זה.

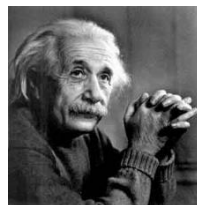
# Intellectual Property Rights

- Trademarks
- Copyrights
- Trade Secrets
- **Patents**

# Patentable Subject Matter

- Anything under the sun (that can be) made by man
- Process, machine, product or composition of matter
- NOT natural phenomenon or physical laws


$$E = mc^2$$



# Types of Patents

- Plant Patent
- Design Patent
- Utility Patent



# Design Patent

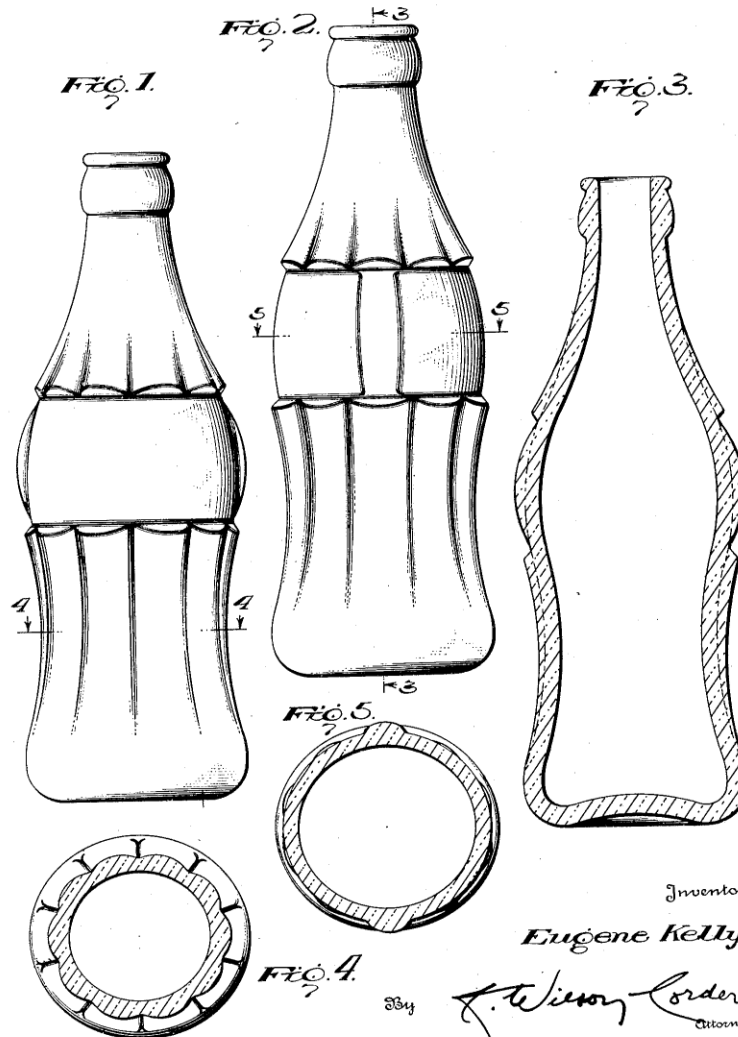
Aug. 3, 1937.

E. KELLY

Des. 105,529

BOTTLE

Filed March 24, 1937



# Design Patent



US00D372834S

**United States Patent** [19]

**Wagner**

[11] **Patent Number:** **Des. 372,834**

[45] **Date of Patent:** **\*\*Aug. 20, 1996**

[54] **PIZZA PAN**

[76] Inventor: **James M. Wagner**, 12236 SE. Huron,  
Clackamas, Oreg. 97015

[\*\*] Term: **14 Years**

[21] Appl. No.: **27,529**

[22] Filed: **Aug. 23, 1994**

[52] U.S. Cl. .... **D7/354**

[58] Field of Search ..... D7/550-554, 354;  
99/325, 326, 339, 425, 426; 220/912

Williams-Sonoma Catalog; Heart Baskets & Heart Baking Dish.

*Primary Examiner*—Alan P. Douglas

*Assistant Examiner*—Caron D. Veynar

*Attorney, Agent, or Firm*—Chernoff, Vilhauer et al.

[57] **CLAIM**

The ornamental design for a pizza pan, as shown and described.

**DESCRIPTION**



# Design Patent

**United States Patent** [19]  
**O'Sullivan**

[11] **Patent Number:** **Des. 412,349**  
[45] **Date of Patent:** **\*\* Jul. 27, 1999**

[54] **YO-YO**

[76] **Inventor:** **Brendon M. O'Sullivan**, 18 Belson St.,  
East Malvern, Victoria, Australia, 3145

[\*\*] **Term:** **14 Years**

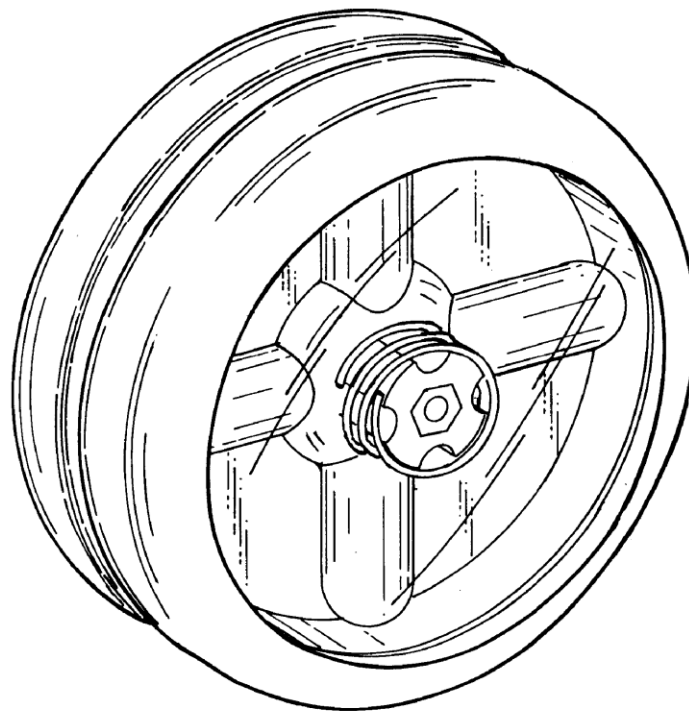
[21] **Appl. No.:** **29/095,633**

[22] **Filed:** **Oct. 27, 1998**

## Related U.S. Application Data

[60] Division of application No. 09/114,791, Jul. 13, 1998, which  
is a continuation-in-part of application No. 08/950,947, Oct.  
15, 1997.

[30] **Foreign Application Priority Data**



446/221 X

LP

dying my

left side

FIG. 1

# Design Patent

United States Patent [19]  
Keefe



USPD3329975

[11] Patent Number: Des. 332,997  
[45] Date of Patent: Feb. 2, 1993

[54] HEATED TOILET SEAT

[76] Inventor: Michael Keefe, 5936 S. Spaulding Ave., Chicago, Ill. 60629

[\*\*] Term: 14 Years

[21] Appl. No: 565,749

[22] Filed: Aug. 13, 1990

[52] U.S. Cl. D23/311

[56] Field of Search D23/309-312

## References Cited

### U.S. PATENT DOCUMENTS

1,055,270 4/1913 Stephens ..... 219/217 X  
1,412,436 4/1922 Wilks ..... 219/217  
1,489,386 10/1928 Hawkins ..... 4/237  
2,087,112 7/1937 Nishimura ..... 4/237 X  
2,287,371 6/1942 Blakeley et al. .... 219/217  
2,447,738 8/1948 Conner ..... 4/234 X

2,593,087 4/1952 Buggen .....  
2,872,034 2/1961 Easley ..... 219/217  
3,045,076 7/1962 Clayton ..... 219/217  
3,073,937 1/1963 Easley ..... 219/217 X  
3,247,524 4/1966 Umami ..... 219/217 X  
3,493,721 2/1970 Kanisaki et al. .... 219/217  
4,446,584 5/1984 Suzuki

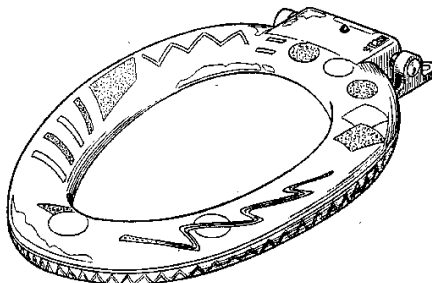
Primary Examiner—James R. Largen  
Attorney, Agent, or Firm—Terry M. Gernstein

## CLAIM

[57] The ornamental design for a heated toilet seat, as shown and described.

## DESCRIPTION

FIG. 1 is a top perspective view of a heated toilet seat showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof; and,  
FIG. 5 is a bottom view thereof.



Ω  
OMEGA



(12) **United States Design Patent**  
**Guillaume et al.**

(10) **Patent No.:** **US D444,102 S**  
(45) **Date of Patent:** **\*\* Jun. 26, 2001**

(54) **CAR**

(75) **Inventors:** **Gregory Guillaume, Sitges; Oliver Stefani, Sitges-Levantina, both of (ES); Odysseus Andronis, Braunschweig (DE)**

(73) **Assignee:** **Volkswagen AG, Wolfsburg (DE)**

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

(21) **Appl. No.:** **29/124,786**

(22) **Filed:** **Jun. 12, 2000**

D. 380,420 \* 7/1997 Croteau ..... D12/91  
D. 380,421 \* 7/1997 Hoard ..... D12/91  
D. 385,828 \* 11/1997 Mays ..... D12/91  
D. 430,507 \* 9/2000 Warkuss ..... D12/92

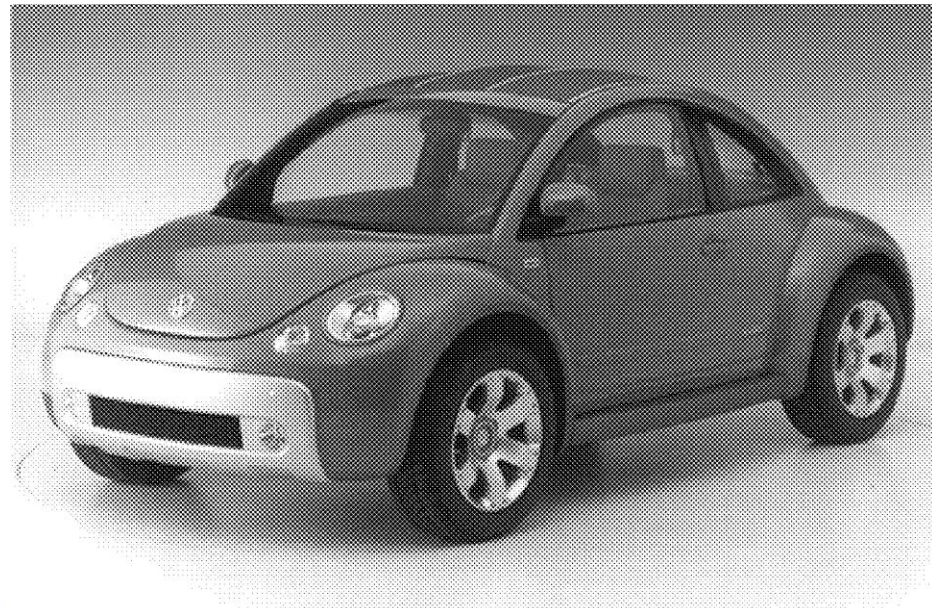
\* cited by examiner

*Primary Examiner*—Melody N. Brown

(74) *Attorney, Agent, or Firm*—Cohen, Pontani, Lieberman & Pavane

(57) **CLAIM**

The ornamental design for a car, as shown and described.



# Design Patent

(12) **United States Design Patent**  
**Milstein et al.**

(10) **Patent No.:** **US D533,179 S**

(45) **Date of Patent:** **\*\* Dec. 5, 2006**

(54) **CROSS USB DRIVE**

(75) Inventors: **Scott Milstein**, New York, NY (US);  
**Jenny Wong**, New York, NY (US)

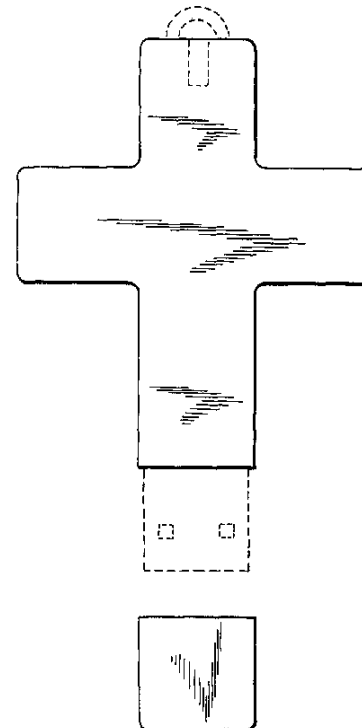
(73) Assignee: **Sourcery**, New York, NY (US)

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

(21) Appl. No.: **29/238,477**

(22) Filed: **Sep. 16, 2005**

D370,282 S \* 5/1996 Grether ..... D26/4  
5,693,380 A \* 12/1997 O'Connell ..... 428/3  
D410,401 S \* 6/1999 Fowler ..... D10/109  
D417,834 S \* 12/1999 Rompel ..... D8/348  
..... D26/25  
..... D14/403  
..... D99/23  
..... D6/597  
h ..... D11/96  
..... 52/648.1  
al.



# Design Patent

**United States Patent** [19]

**Betros, Jr.**

[11] **Des. 251,862**

[45] **\*\* May 15, 1979**

[54] **ROUND CHESSBOARD OR  
CHECKERBOARD**

[76] Inventor: **Norman Betros, Jr.**, Mill Rd., Cold  
Spring, N.Y. 10516

[\*\*] Term: **14 Years**

[21] Appl. No.: **759,023**

[22] Filed: **Jan. 13, 1977**

[51] Int. Cl. .... **D21—01**

[52] U.S. Cl. .... **D21/24**

[58] Field of Search ..... **D34/5 SS; 273/236—286**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 224,837 9/1972 La Goy ..... D34/5 SS  
D. 233,055 10/1974 Keller ..... D34/5 SS

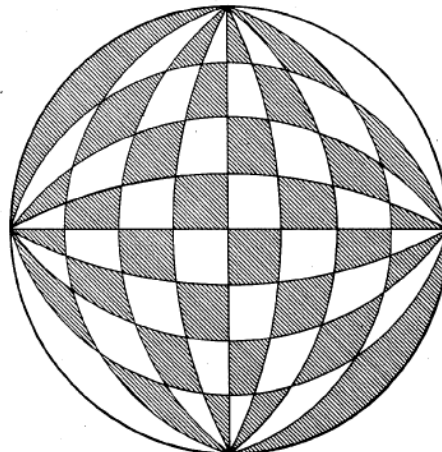
*Primary Examiner*—Melvin B. Feifer

[57] **CLAIM**

The ornamental design for a round chessboard or  
checkerboard, as shown and described.

**DESCRIPTION**

The FIGURE is a plan view of a round chessboard or  
checkerboard, showing my new design.  
The board is of conventional thickness.



# Design Patent

(12) **United States Design Patent** (10) **Patent No.:** **US D517,789 S**  
**Seamans** (45) **Date of Patent:** **\*\* Mar. 28, 2006**

(54) **FOOTWEAR**

(75) Inventor: **Scott Seamans**, Boulder, CO (US)

(73) Assignee: **Crocs, Inc.**, Niwot, CO (US)

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

(21) Appl. No.: **29/206,427**

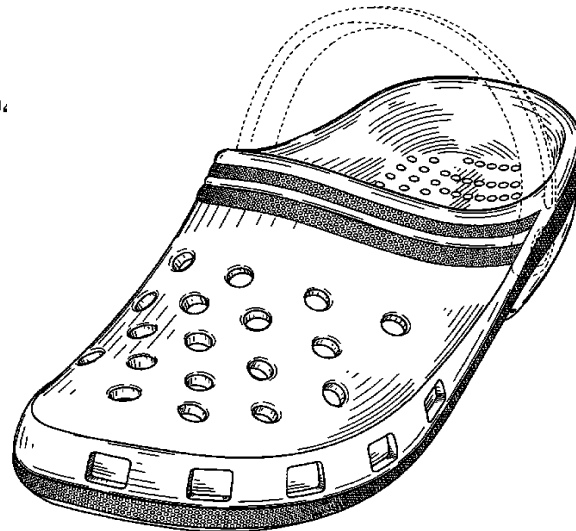
(22) Filed: **May 28, 2006**

## FOREIGN PATENT DOCUMENTS

|    |              |         |
|----|--------------|---------|
| CA | 2375957      | 9/2002  |
| EP | 0 802 039 A2 | 10/1997 |
| EP | 0 802 040 A2 | 10/1997 |
| EP | 0 802 041 A2 | 10/1997 |
| EP | 0 884 005 A1 | 12/1998 |
| GR | 2322286      | 8/1998  |

## OTHER PUBLICATIONS

[rchive.org/web/19980420230857/www.birken-  
 eatprof.htm](http://archive.org/web/19980420230857/www.birken-<br/>
  eatprof.htm) (3 pages).



# Design Patents

(12) **United States Design Patent**  
**Pelczarski et al.**

(10) **Patent No.:** **US D533,561 S**

(45) **Date of Patent:** **\*\* Dec. 12, 2006**

(54) **GRAPHICAL USER INTERFACE**

(75) Inventors: **Kerah Cottrell Pelczarski**, Mountain View, CA (US); **Nikhil Bhatla**, Sunnyvale, CA (US); **Adam Smith**, Mountain View, CA (US); **Bay-Wei Chang**, Foster City, CA (US); **Dylan Parker**, Palo Alto, CA (US); **Jennifer McGrath Fitzpatrick**, San Francisco, CA (US); **Uri Lerner**, Mountain View, CA (US); **Marissa Ann Mayer**, Palo Alto, CA (US); **Marcellus Paulus van Lohuizen**, Sunnyvale, CA (US); **Karen Anne White**, Campbell, CA (US)

(73) Assignee: **Google, Inc.**, Mountain View, CA (US)

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

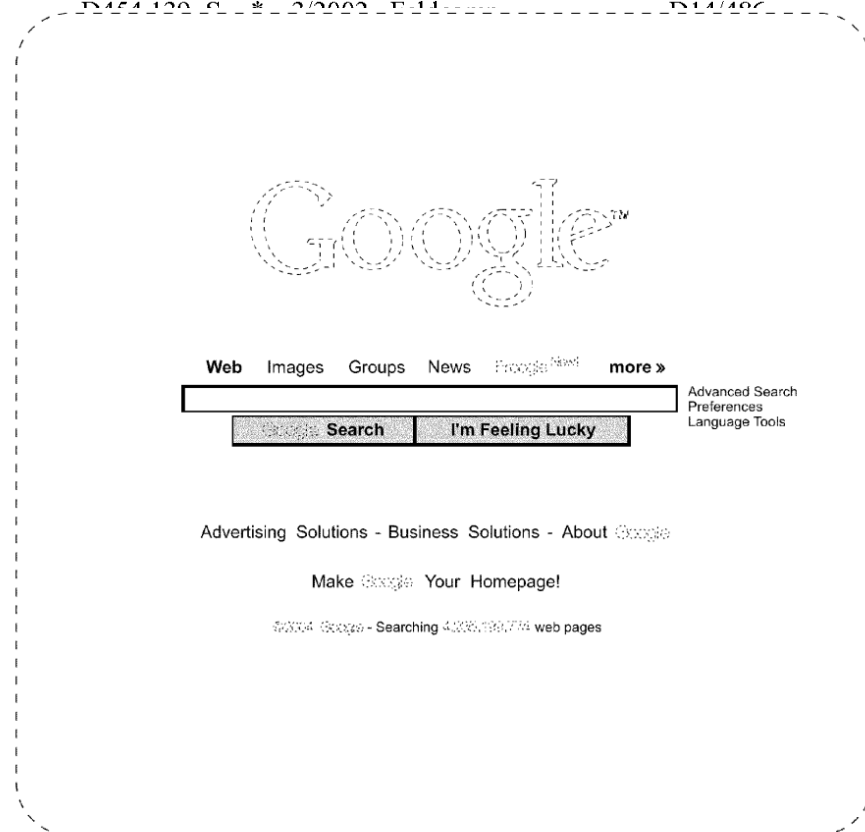
(21) Appl. No.: **29/202,251**

(22) Filed: **Mar. 26, 2004**

(51) **LOC (8) C1**

**14-04**

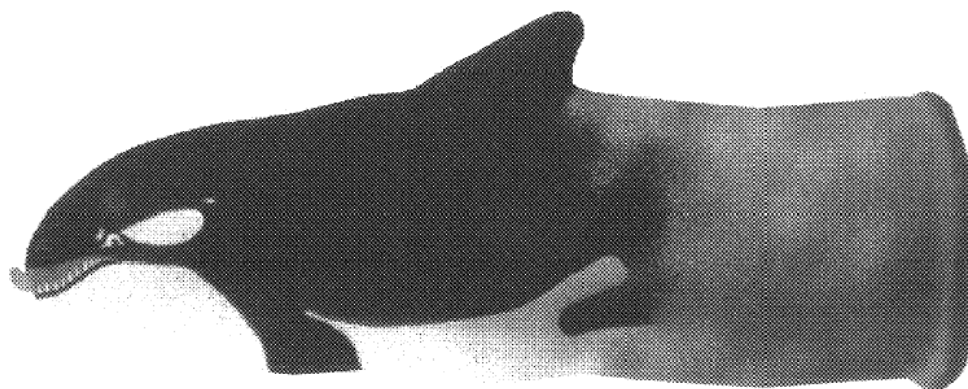
D419,972 S \* 2/2000 Johnson et al. .... D14/486  
D420,993 S \* 2/2000 Decker ..... D14/486  
D436,580 S \* 1/2001 Navano et al. .... D14/486  
D453,766 S \* 2/2002 Grandcolas et al. .... D14/486  
D454,122 S \* 2/2002 Feldman ..... D14/486



# Design Patent

) **United States Design Patent** (10) **Patent No.:** **US D448,471 S**  
**Johannsson** (45) **Date of Patent:** **\*\* Sep. 25, 2001**

) **CONDOM** 5,331,974 \* 7/1994 Sook ..... 128/842  
 ) **Inventor:** **Gudmundur Sigurdur Johannsson,** \* cited by examiner  
   **Saudarkrokur (IS)**  
 ) **Assignee:** **Jonas i. hvalnum, Keflavik (IS)** *Primary Examiner—Ian Simmons*  
   *(74) Attorney, Agent, or Firm—Venable; Michael A.*  
   *Sartori*  
 ) **Term:** **14 Years** (57) **CLAIM**



(54) **ELECTRONIC DEVICE**

(75) Inventors: **Bartley K. Andre**, Menlo Park, CA (US); **Daniel J. Coster**, San Francisco, CA (US); **Daniele De Iulius**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Shin Nishibori**, Portola Valley, CA (US); **Matthew Dean Rohrbach**, San Francisco, CA (US); **Peter Russell-Clarke**, San Francisco, CA (US); **Douglas B. Satzger**, Menlo Park, CA (US); **Calvin Q. Seid**, Palo Alto, CA (US); **Vincent Keane Seid**, legal representative, Los Gatos, CA (US); **Christopher J. Stringer**, Woodside, CA (US); **Eugene Antony Whang**, San Francisco, CA (US); **Rico Zorkendorfer**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/281,648**

(22) Filed: **Jun. 27, 2007**

(51) **LOC (9) Cl.** ..... **14-03**

(52) **U.S. Cl.** ..... **D14/203.7; D14/496; D14/203.3**

(53) **INT. Cl.** ..... **D14/496**

(56) **References Cited**

U.S. PATENT DOCUMENTS  
D289,873 S 5/1987 Gemmell et al.  
(Continued)

FOREIGN PATENT DOCUMENTS  
EM 000569157-0005 5/2006  
(Continued)

OTHER PUBLICATIONS  
Samsung F700, announced Feb. 2007, [online], retrieved on Feb. 8, 2007]. Retrieved from [http://www.samsung.com>](#)

Primary Examiner—  
(74) Attorney, Agent  
Fox PLLC

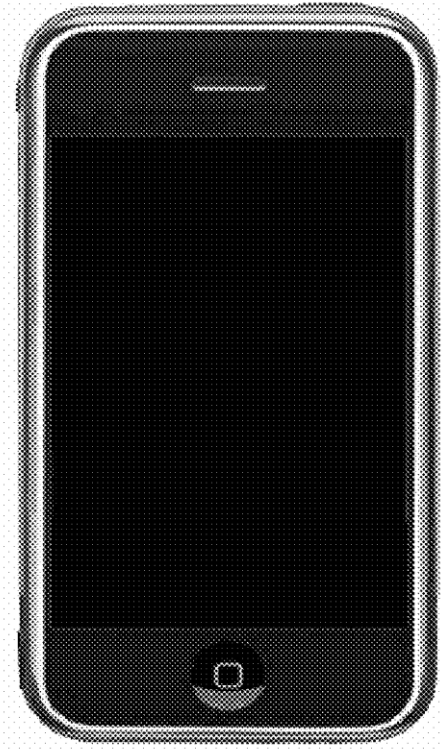
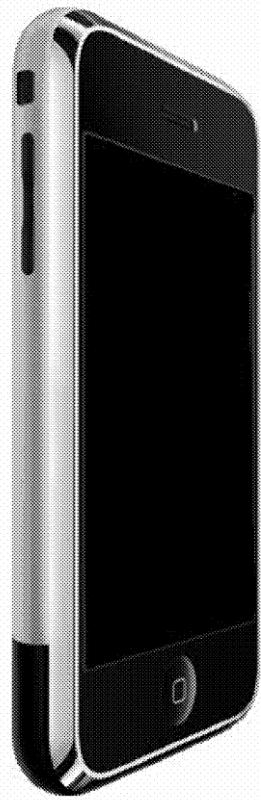
(57)  
The ornamental desi  
as shown and descri

The patent or applic  
executed in color. Co  
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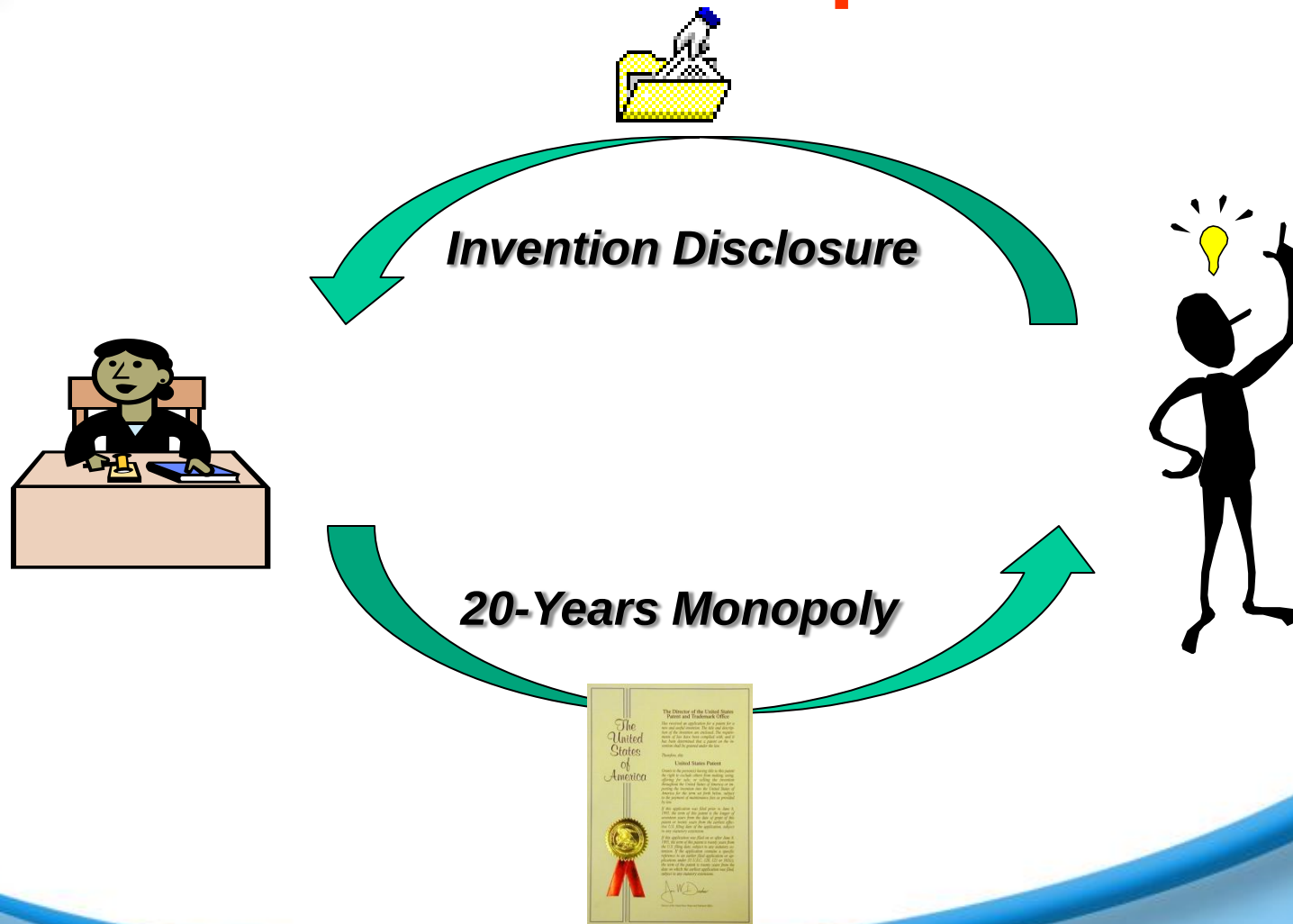
FIG. 1 is a front per  
accordance with the

FIG. 2 is a front view

FIG. 3 is a side perspective view



# Patent = Compromise



# Disclosure

- **Enablement:** A patent application must disclose the claimed invention in sufficient detail for **Person Having Ordinary Skill In The Art (PHOSITA)** to carry out that claimed invention.

(א) הפירוט יכלול שם שיש בו כדי לזהות את האמצאה, את תיאורה, עם שרטוטים לפי הצורך, וכן תיאור דרכי הביצוע של האמצאה שעל פיו יוכל בעל המקצוע לבצעה.

# Utility Patent

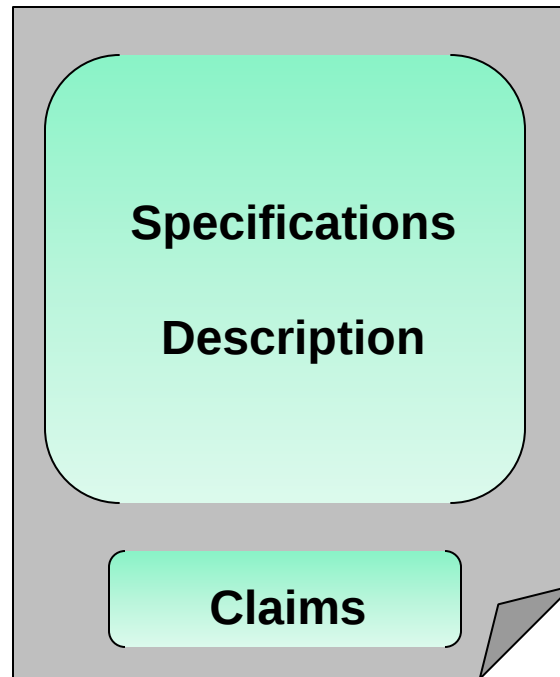
## Apparatus

- A device/system for XXX, comprising:
  - Item A
  - Item B
  - Item C
  - ....

## Method

- A method for XXX, comprising:
  - Step A
  - Step B
  - Step C
  - ....

# Utility Patent



**59.** A device for coupling digital data between first and second coaxial cables, each coaxial cable being connected for carrying an analog signal frequency multiplexed with a bi-directional digital data signal, wherein, the digital data signal carried in each coaxial cable is in a digital data frequency band and the analog signal carried in each coaxial cable is in an analog signal frequency band distinct from the digital data frequency band of the digital data signal carried in the same coaxial cable, said device comprising:

- a first coaxial connector for connecting to the first coaxial cable;
- a second coaxial connector for connecting to the second coaxial cable;
- a first filter coupled between said first and second coaxial connectors and operative for substantially passing only signals in the digital data frequency bands and for substantially stopping signals in the analog signal frequency bands, for passing digital data signals between the first and second coaxial cables; and
- a single enclosure housing said first high pass filter and said coaxial connectors.

14. A device for estimating the number of wire pairs connected to a single connection point, each wire pair has a similar nominal characteristic impedance  $Z_0$  and the wire pairs are all connected to the single connection point, said device comprising:

- a port for connecting to the connection point,
- a lumped impedance measuring unit coupled to said port for instantaneously measuring the connection point lumped impedance  $Z$ ,
- a  $Z_0/Z$  calculator coupled to the lump impedance measuring unit for estimating the connected wire pairs count to be  $Z_0/Z$ ; and
- an output for indicating the estimate of the number of wire pairs connected to the single connection point.

1. A method for estimating the number of wire pairs connected to a single connection point, where each wire pair has a similar nominal characteristic impedance  $Z_0$ , the method comprising:

connecting a characteristic impedance measuring device to the single connection point;

measuring, at the connection point, the lumped impedance  $Z$  presented by the wire pairs adjacent the connection point;

calculating  $Z_0/Z$  to provide an estimate of the number of wire pairs connected to the single connection point; and providing an output indicating the estimate of the number of wire pairs connected to the single connection point.

[54] METHOD AND SYSTEM FOR CALIBRATING  
A CRYSTAL OSCILLATOR

[76] Inventor: Yehuda Binder, 30 Yeshurun Street,  
Hod Hasharon 45200, Israel

[21] Appl. No.: 795,525

[22] Filed: Feb. 5, 1997

[51] Int. Cl.<sup>6</sup> ..... H03B 5/32

[57] ABSTRACT

A method and system are provided for calibrating a batch of devices each containing a circuit for producing a control signal for producing a desired output frequency, said control signal having a magnitude which varies as a predetermined function of ambient temperature in order to compensate for temperature variations in the ACO output frequency, said function being based on data stored in a memory of the TCO and which must be individually calibrated for each TCO, said method comprising the steps of:

24. A method for calibrating a batch of at least one temperature controlled oscillator (TCO) each containing an analog controlled oscillator (ACO) which is responsive to a control signal for producing a desired output frequency, said control signal having a magnitude which varies as a predetermined function of ambient temperature in order to compensate for temperature variations in the ACO output frequency, said function being based on data stored in a memory of the TCO and which must be individually calibrated for each TCO, said method comprising the steps of:

- (a) subjecting all of the TCOs in the batch to a controlled environment wherein said ambient temperature may be varied,
- (b) connecting a frequency source to the TCOs for producing an accurate frequency,
- (c) selecting a "calibration mode" of operation wherein said function is determined for a measured ambient temperature and the data corresponding thereto is stored in the memory and wherein there are performed the following steps for each TCO in the batch:
  - (i) determining the value of the required control signal for producing an output signal of the desired output frequency,
  - (ii) storing the respective value of the control signal or a function thereof in the memory of each device, and
  - (iii) repeating steps (i) and (ii) in respect of different temperatures until each value is stored in the memory; and
- (d) selecting a "compensation mode" of operation wherein data is extracted from the memory and used in conjunction with a measured ambient temperature for adjusting the control signal.

44. A temperature compensation oscillator (TCO) for generating a desired frequency which is stabilized over a predetermined temperature range, said TCO comprising:

- a compensation circuit for compensating for changes in temperature in accordance with a pre-stored compensation function,
- a dedicated aging calibration circuit for determining the storing at least one value for operating in conjunction with the compensation circuit so as to compensate for aging of the oscillator, and
- a selector means coupled to the compensation circuit and to the dedicated aging calibration circuit for selecting a corresponding compensation mode or aging calibration mode of operation;

the compensation circuit comprising:

- a signal controlled oscillator (ACO) having an output frequency controllable by an analog control signal  $V_c$ ,
  - a temperature sensor for sensing the ambient temperature of the ACO and producing a corresponding analog temperature signal, and
  - a transducer means responsive to the temperature signal for producing the control signal  $V_c$ ;
- the aging calibration circuit comprising:
- reference signal coupling means for coupling thereto an external signal having an accurate reference frequency,
  - control means coupled to the reference signal coupling means and to the ACO for determining an offset correction value or a function thereof which operates in conjunction with the compensation circuit so as to produce the control signal  $V_c$  corresponding to the measured ambient temperature of the ACO,
  - storage means for storing said offset correction value or said function thereof, and
  - offset correction means coupled to the storage means and to the compensation circuit and being responsive to said control signal  $V_c$  for operating the compensation circuit in accordance with said offset correction value or a function thereof.

# Definition of a Patent

- A patent is a grant by a government to a ‘first to file’ inventor to exclude others from making, importing, selling, offering to sell or using a single patented invention for a limited period.

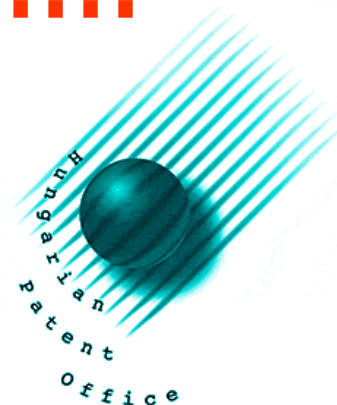


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patent varemärke design  
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**תביעה נגד ג'ילט בסכום של 2.5 מיליון שקל**  
**שני ישראלים טוענים כי החברה שיווקה מוצר כמעט זהה לפטנט**  
**ייחודי רשום שפיתחו למחזיק מכשיר גילוח**

שני תובעים ישראלים הגישו לבית המשפט המחוזי בתל אביב תביעה של 2.5 מיליון שקל נגד חברת ג'ילט וחברת פרוקטר אנד גמבל, בטענה להפרת פטנט רשום בסכיני הגילוח של החברה.

ומשווקים היום פטנט ייחודי רשום לטענת התובעים, אליהו וגבריאל ישראל באמצעות עו"ד יותם וירז'נסקי, הם פיתחו למחזיק מכשיר גילוח. לפי התביעה, הם פתחו במו"מ עם ג'ילט לבחינת אפשרות לשיתוף פעולה בין הצדדים בנוגע למוצר זהה, אלא שלא הגיעו להבנה, ולאחר מכן החלו הנתבעות לשווק מוצר כמעט זהה, העולה כדי הפרת פטנט.

התובעים טוענים כי פנו לג'ילט לשם פתיחת המו"מ כבר ב-1995, וצירפו לפנייה שרטוטים המתארים את ההמצאה. עם זאת, לאחר חמש שנים, **כשהתברר לנתבעות שלתובעים אין פטנט רשום בארה"ב**, הופסק המו"מ. לטענתם, ב-2009 חזרו שוב התובעים לג'ילט והציעו שיתוף פעולה, אולם החברה ענתה להם כי אין לה צורך לפתח מוצר דומה.