

# **LAWRENCE J. UDELL**

- **Has devoted almost a half-century to mentoring inventors/entrepreneurs to success and wealth**
- **Left his last employer in March of 1964**
- **Has created more than twenty corporations ( none of which, ever went bankrupt )**
- **Has taught accredited courses in New Ventures & Entrepreneurship at leading universities**
- **Lectures throughout the U. S. for the Patent and Trademark Office, and overseas for the World Intellectual Property Organization ( part of the United Nations )**
- **Consults to Fortune 500 corporations and new ventures throughout North America**

## **Clients have included : : :**

**Federal agencies : DOC, DOE, NSF, NIST, PTO  
A T & T  
Bank of America  
Avery-Dennison, Inc.  
Federal Laboratory Consortium  
Gillette and Duracell  
Mattel Toys, Inc.  
National Technology Transfer Center  
QVC Television Network  
State of Alaska**

# A Brief History of the PTO

Let's explore the past 312 years

- PTO established in 1790

- 3 patents issued
- By 1800 268 patents issued
- By 1820 1998 "
- By 1870 117,310 "
- In 1959 52,408 "
- In 1994 101,676 "
- In 2001 166,045 "

- Now approaching over 6.5 million patents issued

# American Inventors

Where do they come from?

- From every segment of society

- From the garages and basements across the US

- From all ages - children to senior citizens

- From all cultures, races and origins

- They all have a dream . . . .

\* FAME and FORTUNE

**Organizations Receiving the Most Utility Patents (Patents for Inventions)  
Calendar Years 1969 to 2001**

**Calendar Years 1969-1981**

<b>Organization</b>	<b>Number of Utility Patents</b>
GENERAL ELECTRIC COMPANY	11,819
AT&T CORP.	7,316
INTERNATIONAL BUSINESS MACHINES CORPORATION	6,971
WESTINGHOUSE ELECTRIC CORP.	6,590
E. I. DU PONT DE NEMOURS AND COMPANY	6,261
GENERAL MOTORS CORPORATION	5,703
BAYER AKTIENGESELLSCHAFT	5,134
RCA CORPORATION	4,972
U.S. PHILIPS CORPORATION	4,894
EASTMAN KODAK COMPANY	4,835
U.S. GOVERNMENT	21,103

**Calendar Years 1982-1991**

<b>Organization</b>	
GENERAL ELECTRIC COMPANY	6,874
HITACHI, LTD	6,842
TOSHIBA CORPORATION	6,209
CANON KABUSHIKI KAISHA	5,512
INTERNATIONAL BUSINESS MACHINES CORPORATION	5,168
U.S. PHILIPS CORPORATION	4,885
SIEMENS AKTIENGESELLSCHAFT	4,391
FUJI PHOTO FILM CO., LTD	4,348
MITSUBISHI DENKI KABUSHIKI KAISHA	4,141
AT&T CORP.	3,984
U.S. GOVERNMENT	10,209

**Calendar Years 1992-2001**

<b>Organization</b>	
INTERNATIONAL BUSINESS MACHINES CORPORATION	19,912
CANON KABUSHIKI KAISHA	14,731
NEC CORPORATION	12,530
TOSHIBA CORPORATION	10,526
HITACHI, LTD	10,030
MITSUBISHI DENKI KABUSHIKI KAISHA	9,984
MOTOROLA, INC.	9,932
SONY CORPORATION	9,600
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	9,196
EASTMAN KODAK COMPANY	8,715
U.S. GOVERNMENT	10,374

# **EXAMPLE**

## **THE RESULTS OF ONE INVENTION**

### **Liquid Crystal Display (LCD)**

- **Flat panel television**
- **Laptop computers**
- **Digital watches & calculators**
- **Palm pilots & other hand-held organizers**
- **Cell phones**
- **Medical diagnostic equipment**
- **Portable medical equipment & monitors**
- **Auto & aviation control panels**
- **Camera range finders & viewers**
- **Measuring instruments – digital levels, etc.**
- **Portable electronic equipment**  
**etc., etc., etc.,**  
**plus :::: almost 500,000 people employed  
in the LCD industry worldwide**

**Consider the following:::**

**Without a patent system:::**

- What is the incentive for invention/innovation?
- Where would the products of tomorrow come from?
- Where would the new companies come from?
- Where would millions of new jobs come from?
- Where would America be today, if our founding fathers had not seen the vision of the future?
- America set the standards for the whole world

**WORLDWIDE**

**THE LICENSING OF**

**INTELLECTUAL PROPERTY**

**IS A**

**\$140 BILLION**

**INDUSTRY**

**ANNUALLY**