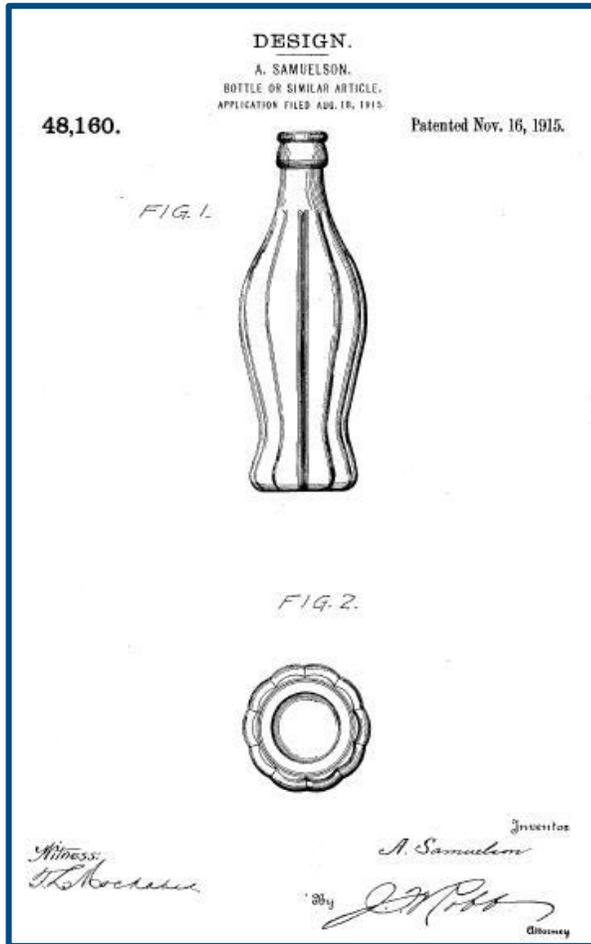




Careers in Intellectual Property Law

Niamh Crabtree | 30 October 2025

What is intellectual property?



United States Patent [19] Patent Number: **4,575,330**
Hull [45] Date of Patent: **Mar. 11, 1986**

[54] **APPARATUS FOR PRODUCTION OF THREE-DIMENSIONAL OBJECTS BY STEREO LITHOGRAPHY** 4,252,514 2/1981 Gates 425/162
 4,288,861 9/1981 Swainson et al. 365/127
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 4,333,165 6/1982 Swainson et al. 365/127 X
 4,374,077 2/1983 Kerfeld 264/22
 4,466,080 8/1984 Swainson et al. 365/127 X
 4,471,470 9/1984 Swainson et al. 365/127

[75] Inventor: **Charles W. Hull**, Arcadia, Calif.
 [73] Assignee: **UVP, Inc.**, San Gabriel, Calif.
 [21] Appl. No.: **638,905**
 [22] Filed: **Aug. 8, 1984**
 [51] Int. Cl.⁴ **B29D 11/00; G03C 00/00**
 [52] U.S. Cl. **425/174.4; 425/174; 425/162; 264/22; 430/269; 156/58; 365/119; 365/120**
 [58] Field of Search **425/162, 174, 174.4, 425/425; 264/22, 183, 40.1; 430/269; 156/38, 58, 275.5; 365/107, 119, 127**
 [56] **References Cited**
U.S. PATENT DOCUMENTS
 2,708,617 5/1955 Magat et al. 264/183 X
 2,908,545 10/1959 Teja 264/22 X
 3,306,835 2/1967 Magnus 425/174.4 X
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ABSTRACT
 A system for generating three-dimensional objects by creating a cross-sectional pattern of the object to be formed at a selected surface of a fluid medium capable of altering its physical state in response to appropriate synergistic stimulation by impinging radiation, particle bombardment or chemical reaction, successive adjacent laminae, representing corresponding successive adjacent cross-sections of the object, being automatically formed and integrated together to provide a step-wise laminar buildup of the desired object, whereby a three-dimensional object is formed and drawn from a substantially planar surface of the fluid medium during the forming process.

47 Claims, 8 Drawing Figures

Cadbury



CHAPTER ONE
 THE BOY WHO LIVED

Mr. and Mrs. Dursley, of number four, Privet Drive, were proud to say that they were perfectly normal, thank you very much. They were the last people you'd expect to be involved in anything strange or mysterious, because they just didn't hold with such nonsense.

Mr. Dursley was the director of a firm called Grunnings, which

Careers in Intellectual Property

PATENTS

- Inventor (industry or academia)
- Patent Attorney
- Patent Support Officer
- Patent Examiner

TRADEMARKS

- Trademark Attorney
- Trademark Support Officer
- Trademark Examiner

GENERAL

- IP Solicitor
- IP Manager
- IP Searcher or Analyst

What is a Patent?

An exclusive (negative right)...

...in a territory...

...for a limited period of time...

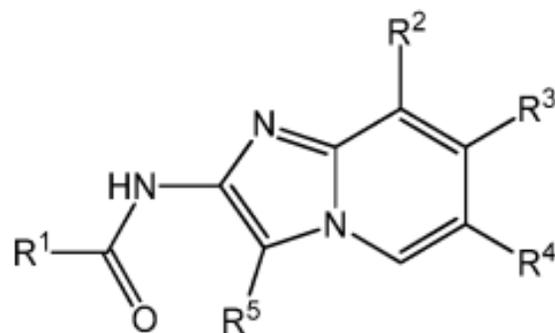
...in respect of an invention...

...in exchange for publication...

...of complete disclosure of the invention.

Real world example

A **compound of Formula (I)** or a pharmaceutically acceptable salt thereof:



Formula I

wherein

R^1 is a cyclopropyl substituted with one or more groups...

R^2 and R^3 are independently -H, halo, alkyl, alkoxy, -CF₃, -CHF₂, -CH₂F, or -OCF₃;

R^4 is selected from the group consisting of 6-membered aryl, 6-membered heteroaryl..., and

R^5 is H, halo, or alkyl.

What does a patent attorney do?

- Private practice or in house?
- Individual Patent Rights
- Drafting
 - Prosecution
 - Post-grant proceedings
 - Litigation
- Big Picture
- Commercial advice
 - IP strategy and portfolio management
 - Freedom to Operate

What does it take?

- STEM Degree
- Ability to quickly understand and communicate new concepts
- Interest in law
- Analytical and problem-solving skills
- Ability to structure a precise, coherent argument
- Time management skills

Qualifications

CHARTERED PATENT ATTORNEY (UK)

- Two stages:
 - Foundation exams or university course
 - Final exams
- Training provided by employers, the Chartered Institute of Patent Attorneys (CIPA) or third-party courses
- Minimum 2 years, average 4-6 years to complete

EUROPEAN PATENT ATTORNEY

- Three stages:
 - Foundation exam (after 1 year+)
 - M1 & M2 exams (after 2 years+)
 - M3 & M4 exams (after 3 years+)
- Required to train under supervision of a professional representative
- Minimum 3 years, average 4-5 years to complete

How to learn more



- Chartered Institute of Patent Attorneys
www.cipa.org.uk



- IP Careers
www.ipcareers.co.uk



- Chartered Institute of Trade Mark Attorneys
<https://www.citma.org.uk/>



Taster days,
Open days,
Career days...

We offer all of the above to help you decide if this industry is for you and if you want to join Secerna when you make the jump.

Having an insight into an industry before making a commitment can be invaluable, that's why we decided to make time once a year to invite a group of undergraduates to experience the industry and our firm.

www.secerna.com/careers/taster-days/



The Programme is designed to give you a better understanding of working as a patent attorney within a firm.

There is a range of presentations to give you an introduction into the industry and firm and then you will be given the opportunity to work on some actual work. The day will end with some informal chats with our staff so you can ask them about their experiences.

Format of the day

10am-3pm
a variety of presentations and informal chats

Timeline

- Submissions accepted – From September
- Offers confirmed – From February
- Open days – July, usually mid-week between 1-18 July

Entry requirements:

University year 1 and year 2, subjects preferably biosciences, engineering, electronics, physics, computer sciences. Places are limited so please email as soon as you can.

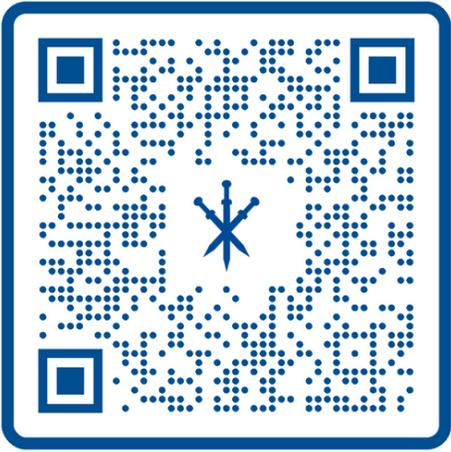
Other information:

Please visit www.secerna.com for further details

Entry process:

Please email your CV and covering letter to careers@secerna.com

<https://www.secerna.com/careers/join-our-team/>



Thank you for listening
Any Questions?

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