

Intellectual Property Rights (IPR)

By
DR. PRAMOD KUMAR MAHISH
Asst. Professor & Head (Biotechnology)

Govt. Digvijay PG College Rajnandgaon (C.G.)
pramod.mahish@rediffmail.com

Introduction

- ▶ IPR are legal rights, which result from intellectual activity in industrial, scientific and artistic fields.
- ▶ This right provide certain time limit to control their use.



Patent

- ▶ A patent is an exclusive right granted for an invention, which is a product or process that provides a new way for doing something.
- ▶ Patent protection mean that the inventions can not be commercially made, use, distributed or sold without the permission of owner's.



Patent . . .

- ▶ The patent owners may give permission or license to use invention with agreed them.
- ▶ Once a patent expire, the protection ends and an invention enters the public domain.



United States Patent [19]

Volesky et al.

[11] Patent Number: 4,769,223

[45] Date of Patent: Sep. 6, 1988

[54] BIOSORBENT FOR GOLD

[76] Inventors: Bohumil Volesky, 471 Berkley Avenue, St. Lambert, Quebec, Canada, J4P 3E7; Nural Kuyucak, 2105 Chomedey, Apt. 11, Montreal, Quebec, Canada, H3H 2A8

[21] Appl. No.: 41,326

[22] Filed: Apr. 22, 1987

[51] Int. Cl.⁴ C22B 11/00

[52] U.S. Cl. 423/27; 75/118 R;
423/DIG. 17

[58] Field of Search 423/27, DIG. 17;
75/118 R; 210/601, 620

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Sloan et al, "Removal of Metal Ions from Wastewater by Algae", 1984, Proc. Industrial Waste Conference, Sec. 9, Metal Wastes, pp. 423-429.

Parkinson, Gerald, "Metals Recovery Makes Big Splash in Canada", Sep. 30, 1985, Chemical Engineering, pp. 19-25.

Primary Examiner—John Doll

Assistant Examiner—Wayne A. Langel

Attorney, Agent, or Firm—Mason, Fenwick & Lawrence

[57] ABSTRACT

Gold ions are removed from aqueous solution or suspension by treatment of aqueous material with biomass derived from the genus *Sargassum* (e.g.: *Sargassum natans*), a brown sea-water alga. The process can be utilized to remove gold from industrial or natural waters.

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|--|------|--|
| <u>Volesky, B.</u> | 2007 | Biosorption and me. <i>Water Research</i> , 41: 4017-4029. |
| <u>Volesky, B.</u> and <u>Kuyucak, N.</u> | 1988 | Biosorbent for Gold. US Patent, 4,769,223. |
| <u>Volesky, B.</u> and <u>Holan, Z. R.</u> | 1995 | Biosorption of heavy metals. <i>Biotechnol. Prog.</i> , 11: 235-250. |

Trademark

- ▶ Trademark is a distinctive sign that identifies certain goods or services provided by specific person or enterprises.
- ▶ It may be certain combination of words, letters, numbers.
- ▶ They may be drawing, symbol, 3D sign, audible sign, color etc.



Trademark . . .

- ▶ It provides protection to the owners to ensuring the exclusive right to use and identify goods or services.
- ▶ It helps customers to identify and purchase a product or service because its nature, quality, indicates etc.



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Infiniti



Mercedes-Benz



Mitsubishi



Buick



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Copyright

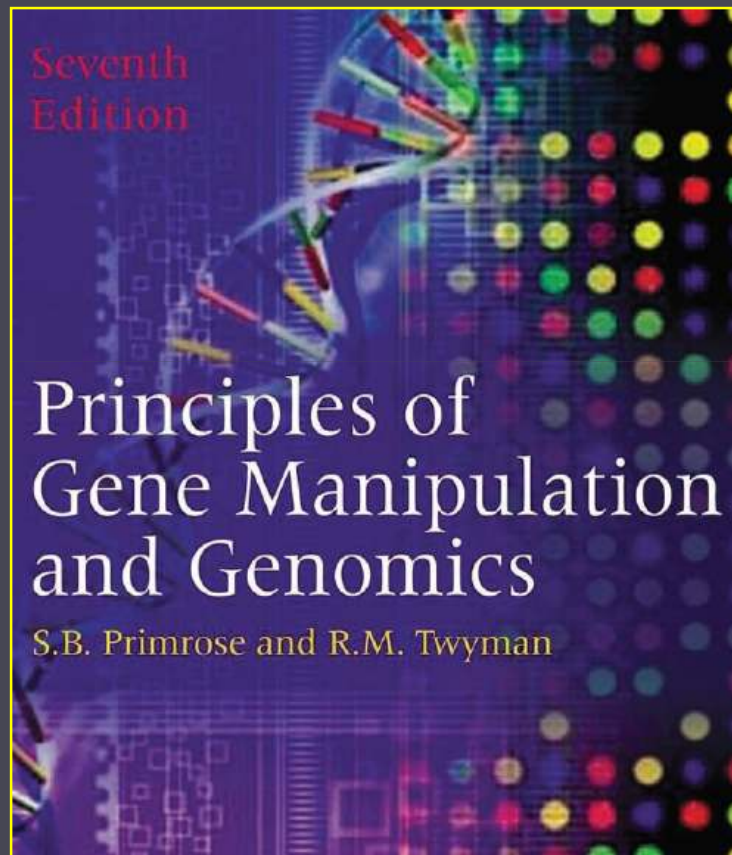
- ▶ Copyright is a legal term a right given to creators for their literary and artist work.
- ▶ The kind of work covered by copyright include literary work such as novel, poem, newspaper, films, music.
- ▶ Artistic work such as painting, drawing, photograph.



Copyright . . .

- ▶ Creators often sell the rights to their work to individual or companies in return for payment.





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This material was originally published in two separate volumes: *Principles of Gene Manipulation*, 6th edition (2001) and *Principles of Genetic Analysis and Genomics*, 3rd edition (2003).

First published 1980

Second edition published 1981

Third edition published 1985

Fourth edition published 1989

Fifth edition published 1994

Sixth edition published 2001

Seventh edition published 2006

नकली सीडी का कारखाना पकड़ा

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Trade Secrets

- ▶ These include sales methods, distribution methods, customers profile, advertisement strategies, list of suppliers and clients and manufacturing process.



Geographical Indication (GI)

- ▶ GI are sign used on goods that have a specific geographical origin.
- ▶ GI of Chanderi Sarees and
- ▶ Kullu Shawls have been registered.



Geographical Indications in India [\[edit \]](#)

No. [hide] ⇅	Geographical Indication ⇅	Type ⇅	State ⇅
1	Darjeeling Tea (word & logo)	Agricultural	West Bengal
2	Aranmula Kannadi	Handicraft	Kerala
3	Pochampally Ikat	Handicraft	Telangana
4	Salem Fabric	Handicraft	Tamil Nadu
5	Chanderi Fabric	Handicraft	Madhya Pradesh
6	Solapuri Chaddar	Handicraft	Maharashtra
7	Solapur Terry Towel	Handicraft	Maharashtra
8	Kotpad Handloom fabric	Handicraft	Orissa
9	Mysore silk	Handicraft	Karnataka
10	Kota Doria	Handicraft	Rajasthan
11	Mysore Agarbathi	Manufactured	Karnataka
12	Kancheepuram Silk	Handicraft	Tamil Nadu
13	Bhavani Jamakkalam	Handicraft	Tamil Nadu
14	Kullu Shawl	Handicraft	Himachal Pradesh
15	Bidriware	Handicraft	Karnataka
16	Madurai Sungudi	Handicraft	Tamil Nadu
17	Orissa Ikat	Handicraft	Orissa
18	Channapatna Toys & Dolls	Handicraft	Karnataka
19	Mysore Rosewood Inlay	Handicraft	Karnataka
20	Kangra Tea	Agricultural	Himachal Pradesh



Thankyou

