

B.Sc(H), Botany, IIIrd semester

SEC Ethnobotany

Practical 1

AIM: To carry out a search of international patent databases to identify cases of misappropriation of codified India's traditional knowledge.

Requirements: Computer systems, Internet access, TK information, Prior art

Case 1: Turmeric and wound healing properties

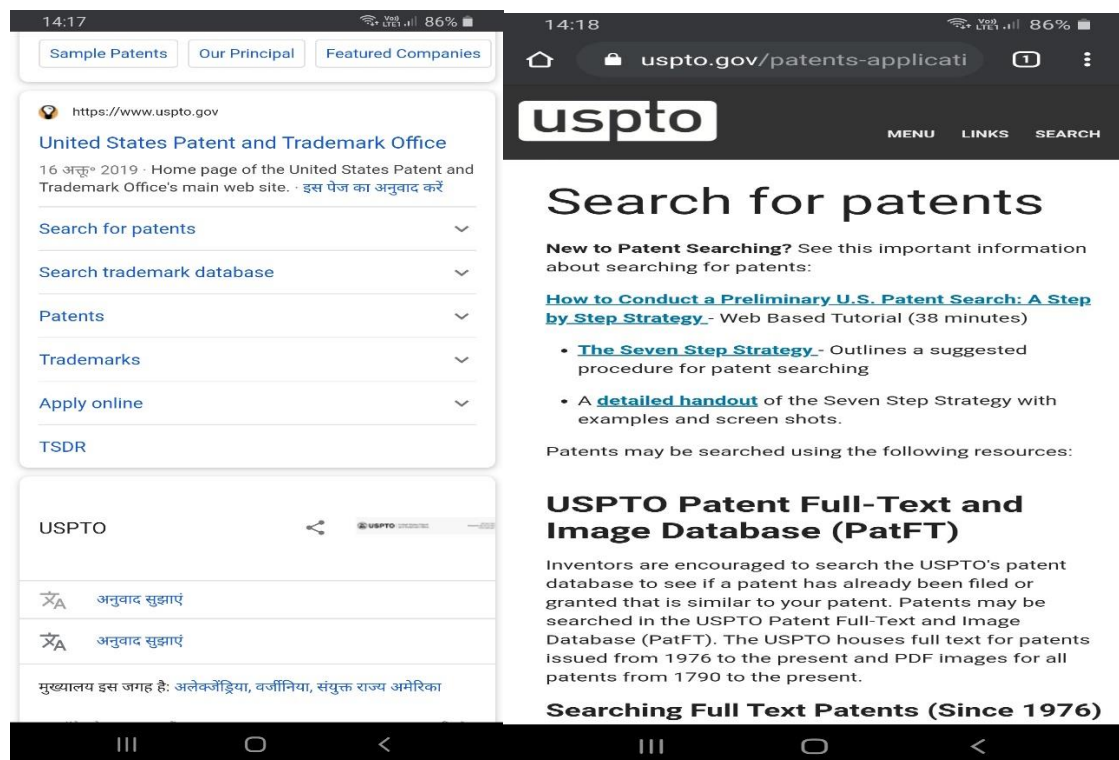
Case 2: Herbal Composition and their use as hypoglycemic agents

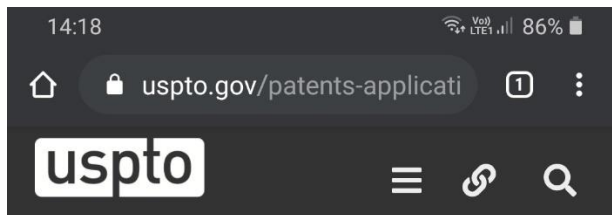
Steps:

Type in Google search USPTO or in browser type www.uspto.gov.

Check on Patents search since 1976 (Quick search) and type in term 1 and term 2 box turmeric & wound healing respectively for case 1. For case 2 type Jamun and diabeted respectively in term 1 and 2. Following screenshots will guide the process.

Following screenshots will guide towards patent search.





issued from 1976 to the present and PDF images for all patents from 1790 to the present.

Searching Full Text Patents (Since 1976)

Customize a search on all or a selected group of elements (fields) of a patent.

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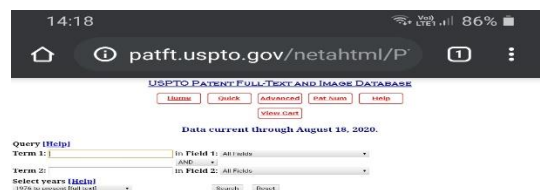
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Search for Full-Text and Image versions of patent applications. Customize searches on all fields of a patent application in the AppFT for Full-Text searches.

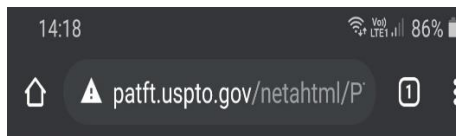
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Patents from 1790 through 1975 are searchable only by Issue Date, Patent Number, and Current US Classification. When searching for specific numbers in the Patent Number field, utility patent numbers are entered as one to eight numbers in length, excluding commas (which are optional, as are leading zeroes).





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Term 1: in Field 1:

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Results of Search in US Patent Collection db for:
Turmeric AND "Wound healing": 400 patents.
Hits 351 through 400 out of 400

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[Refine Search](#) | [Turmeric AND "Wound healing"](#)

PAT. NO.	Title
351 7.674.488	External composition comprising an aqueous extract of red vine leaves and an anti-inflammatory agent
352 7.671.015	Aequorin-containing compositions and methods of using same
353 7.651.695	Medicated stents for the treatment of vascular disease
354 7.622.142	Methods for treating glioblastoma with herbal compositions
355 7.579.026	Methods for enhancing antioxidant enzyme activity and reducing c-reactive protein levels
356 7.547.454	Hydroxy acid complexes for antiaging and skin renovation
357 7.517.568	Packaging for dilute hypochlorite
358 7.507.750	Stabilized ascorbic acid derivative
359 7.485.158	Method of dyeing the textile article from medicinally rich herbs
360 7.468.060	Systems and methods for treating obesity and other gastrointestinal conditions
361 7.458.378	Systems methods for applying a selected treatment agent into contact with tissue to treat sphincter dysfunction
362 7.452.547	Product for treating the skin comprising a polyamine microcapsule wall and a skin lightening agent
363 7.435.725	Oral compositions and methods for prevention, reduction and treatment of radiation injury
364 7.429.619	Polyacrylic film forming compositions
365 7.429.397	Herbal formulation as memory enhancer in Alzheimer condition
366 7.384.655	Preparation of compositions to alleviate inflammation and oxidative stress in a mammal
367 7.326.775	Treatments for contaminant reduction in lactoferrin preparations and lactoferrin-containing compositions
368 7.293.563	Systems and methods for applying a selected treatment agent into contact with tissue to treat disorders of the gastrointestinal tract
369 7.241.736	Compositions and methods for treating diverticular disease
370 7.241.461	Compositions for alleviating inflammation and oxidative stress in a mammal
371 7.223.775	Stabilized ascorbic acid derivatives
372 7.208.460	Multi component controlled delivery system for soap bars
373 7.153.528	Process for preparation of hypoglycemic foods and formulations thereof
374 7.125.963	Treatments for contaminant reduction in lactoferrin preparations and lactoferrin containing compositions
375 6.991.814	Herbal medicaments for the treatment of neurocerebrovascular disorders
376 6.900.356	Polyhydroxy curcumin having antioxidant activity
377 6.841.544	Composition and method for treating the effects of diseases and maladies
378 6.833.408	Methods for tissue repair using adhesive materials
379 6.825.161	Multi component controlled delivery system for soap bars
380 6.802.841	Systems and methods for applying a selected treatment agent into contact with tissue to treat sphincter dysfunction
381 6.793.942	Composition and method for treating the effects of diseases and maladies
382 6.790.465	Composition and method for treating snoring
383 6.790.207	Systems and methods for applying a selected treatment agent into contact with tissue to treat disorders of the gastrointestinal tract
384 6.787.164	Composition and method for treating the effects of diseases and maladies
385 6.759.062	Composition and method for treating the effects of diseases and maladies
386 6.709.682	Product and method for treating joint disorders in vertebrates
387 6.673.843	Curcumin and curcuminoid inhibition of angiogenesis
388 6.579.543	Composition for topical application to skin
389 6.576.267	Composition and method for treating the effects of diseases and maladies
390 6.558.694	Zinc chloride unit dose packaging, applicator, and method of use in treating cancer and other skin diseases
391 6.521.271	Compositions and methods of treatment for skin conditions using extracts of turmeric
392 6.379.673	Herbal formulation useful as a therapeutic and cosmetic applications for the treatment of general skin disorders
393 6.365.198	Pharmaceutical preparation for the treatment of gastrointestinal ulcers and hemorrhoids
394 6.344.220	Product and method for treating joint disorders in vertebrates
395 6.248.343	Therapeutic antimicrobial compositions
396 6.200.570	Herbal formulation useful as a therapeutic and cosmetic applications for the treatment of general skin disorders
397 6.063.381	Therapeutic uses of pungent botanicals and their related compounds
398 5.965.137	Insect repellent composition and method for inhibiting the transmission and treatment of symptoms of vector-borne diseases
399 5.916.565	Product and method for treating joint disorders in vertebrates
400 5.401.504	Use of turmeric in wound healing

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United States Patent
Das , et al.

5,401,504
March 28, 1995

**Please see images for: (Reexamination Certificate) **

Use of *turmeric* in wound healing

Abstract

Method of promoting healing of a wound by administering *turmeric* to a patient afflicted with the wound.

Inventors:
Das; Suman K. (Jackson, MS), Cohly; Hari Har P. (Jackson, MS)
Assignee:
University of Mississippi Medical Center (Jackson, MS)
Family ID:
22635898
Appl. No.:
08/174,363
Filed:
December 28, 1993

Current U.S. Class:
424/756; 514/925; 514/926; 514/927; 514/928
Current CPC Class:
A61K 36/9066 (20130101); Y10S 514/926 (20130101); Y10S 514/927 (20130101); Y10S 514/928 (20130101); Y10S 514/925 (20130101)
Current International Class:
A61K 035/78 ()
Field of Search:
;424/195.1

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U.S. Patent Documents

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5120538
5252344

January 1988
June 1992
October 1993

Wilson
Oei
Shi

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Soma et al GA. 116: 221612S (1992) of JPN 4-49240 (Digestive Tract Ulcers Treated with Curcuma longa (*Turmeric*) Extract (Lipopolysaccharides)). .
Kumar et al GA.119: 871K (1993) of Ind. Vet. J. 70(1):42-4 (1993). .
Abstracts of Charles et al Trop. Geogr. Med: 44(1-2) 178-181 Jan. 1992; Rafatullah et al J. Ethnopharmacol. 29(1): 25-34 Apr. 1990; Kutton et al Tumori 73(1): 29-31 Feb. 28, 1987; Mehra et al. Tokai J Etpharm Med 9(1): 27-31 Mar. 1984..

Reference

Practical session by Dr. B Subramaniam, Retd. Chief Scientist G, CSIR-NISCAIR in Workshop of ethnobotany conducted by Department of Botany, Hansraj College and ILL, University of Delhi, Delhi, India on September 16-17, 2016.