IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yang et al.

Application No.: 10/856,176

Filed: May 28, 2004

For: POLYETHYLENE OXIDE-BASED FILMS AND DRUG DELIVERY SYSTEMS MADE THEREFROM

Examiner: Lee, Edmund H.

Group Art Unit: 1791

Docket: 1199-26

Dated: January 14, 2008

Certificate of EFS-Web Transmission
I hereby certify that this correspondence is being transmitted to the U.S. Patent and Trademark Office via the Office's electronic filing system.

Dated: January 14, 2008

Signature: /Barbara Thomas/

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Requirement for Restriction, mailed December 14, 2007, a response to which is due January 14, 2008, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-27. (Canceled)

28. (Original) A process for making a film having a substantially uniform distribution of components, comprising the steps of:

(a) combining at least one water-soluble polymer comprising polyethylene oxide alone or in combination with a hydrophilic cellulosic polymer, a solvent, and an active component to form a matrix with a uniform distribution of said components;

(b) forming a film from said matrix; and

(c) drying said film,

wherein said film is free of added plasticizers.

29. (Original) The process according to Claim 28, wherein the step of forming a film from said matrix further comprises casting said matrix onto a surface having top and bottom sides.

30. (Original) The process according to Claim 28, wherein the step of drying said film further comprises applying heat to said bottom side of said surface.

31. (Original) A process for making a film having a substantially uniform distribution of components, comprising the steps of:

(a) combining at least one water-soluble polymer comprising polyethylene oxide alone or in combination with a hydrophilic cellulosic polymer, and an active component to form a matrix with a uniform distribution of said components; and

(b) extruding said matrix to form a film,

wherein said film is free of added plasticizers.

32. (Original) The process according to Claim 31, further comprising the step of cooling said extruded film.

33-36. (Canceled)

37. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises at least about 20% by weight polyethylene oxide.

38. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises up to about 100% by weight polyethylene oxide.

39. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises up to about 80% by weight polyethylene oxide.

40. (New) The process according to Claim 28, wherein said hydrophilic cellulosic polymer comprises about 0% to about 80% hydroxypropylmethyl cellulose.

41. (New) The process according to Claim 28, wherein said hydrophilic cellulosic polymer comprises about 0% to about 80% hydroxypropyl cellulose.

42. (New) The process according to Claim 28, wherein said water-soluble polymer comprises said hydrophilic cellulosic polymer in a ratio of up to about 4:1 with polyethylene oxide.

43. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises polyethylene oxide having a molecular weight of about 100,000 to about 900,000.

44. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises polyethylene oxide having a molecular weight of about 100,000 to about 4 million.

45. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises polyethylene oxide having a molecular weight of about 100,000 to about 300,000 in combination with polyethylene oxide having a molecular weight of about 600,000 to about 900,000.

46. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises at least 1mg polyethylene oxide.

47. (New) The process according to Claim 28, wherein said at least one water-soluble polymer comprises no greater than about 200mg polyethylene oxide.

48. (New) The process according to Claim 28, wherein said active component is selected from the group consisting of cosmetic agents, pharmaceutical agents, bioactive agents, and combinations thereof.

49. (New) The process according to Claim 28, wherein said matrix of step (a) further comprises a densifying agent.

50. (New) The process according to Claim 49, wherein said densifying agent is simethicone.

51. (New) The process according to Claim 28, wherein said matrix of step (a) further comprises a solubility enhancing agent.

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.