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(54) Title of the invention : A Method for Formulation of Carbopol Based Mucoadhesive Thermo Reversible Gel of Sucralfate

<p>(51) International classification :A61K 090000, A61K 090600, A61K 092000, A61K 317000, A61K 473200</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Dr. Shaik Firoz</b> Address of Applicant :Associate Professor, Department of Pharmaceutics, Sri Venkateswara College of Pharmacy, Chittoor - 517127, Andhra Pradesh, India. Chittoor -----</p> <p><b>2)Dr. Ram Kumar Choudhary</b> <b>3)Dr. Surya Prabha Matangi</b> <b>4)Dr. C. Madhavi Latha</b> <b>5)Dr. M. Prashanthi Evangelin</b> <b>6)S. K. Nafees</b> <b>7)Yanamadala Leela Pavani</b> <b>8)Dr. Guru Prasad Muppala</b> <b>9)Dr. R. Radha</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. Shaik Firoz</b> Address of Applicant :Associate Professor, Department of Pharmaceutics, Sri Venkateswara College of Pharmacy, Chittoor - 517127, Andhra Pradesh, India. Chittoor -----</p> <p><b>2)Dr. Ram Kumar Choudhary</b> Address of Applicant :Principal, Government Pharmacy Institute, Patna - 800007, Bihar, India. Patna -----</p> <p><b>3)Dr. Surya Prabha Matangi</b> Address of Applicant :Assistant Professor, Department of Pharmaceutical Sciences, School of Biotechnology and Pharmaceutical Sciences, Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur - 522213, Andhra Pradesh, India. Guntur -----</p> <p><b>4)Dr. C. Madhavi Latha</b> Address of Applicant :Professor and Head, Department of Pharmacology, Ratnam institute of pharmacy, Nellore - 524346, Andhra Pradesh, India. Nellore -----</p> <p><b>5)Dr. M. Prashanthi Evangelin</b> Address of Applicant :Associate professor, Department of Pharmaceutical Chemistry, Southern Institute of Medical Sciences, Guntur - 522001, Andhra Pradesh, India. Guntur -----</p> <p><b>6)S. K. Nafees</b> Address of Applicant :Bachelor of Pharmacy, Southern Institute of Medical Sciences, Guntur - 522001, Andhra Pradesh, India. Guntur -----</p> <p><b>7)Yanamadala Leela Pavani</b> Address of Applicant :Assistant Professor, Department of Pharmacology, St. Xavier College of Pharmacy, Guntur - 522001, Andhra Pradesh, India. Guntur -----</p> <p><b>8)Dr. Guru Prasad Muppala</b> Address of Applicant :Assistant General Manager (R&amp;D), Vaishnavi Microbial Pvt. Ltd., Hyderabad - 500033, Telangana, India. Hyderabad -----</p> <p><b>9)Dr. R. Radha</b> Address of Applicant :Professor and Head, Krishna Teja Pharmacy College, Chadawalawada Nagar, Renigunta road, Tirupati - 517506, Andhra Pradesh, India. Tirupati -----</p>
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(57) Abstract :

Disclosed is a method for formulation of carbopol based mucoadhesive thermo reversible gel of sucralfate, the gel composition includes sucralfate ranging from 0.5-1.5% weight/volume (w/v) of the gel composition, Poloxomer 188 ranging from 4-20% w/v of the gel composition, Hydroxypropyl methylcellulose ranging from 5-15 milligrams(mg), Methyl Cellulose ranging from 5-15mg, Hydroxy Ethyl cellulose ranging from 5-15mg, and Distilled water 10-90ml.

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(54) Title of the invention : IMAGE REGISTRATION TECHNIQUES FOR ACCURATE DIAGNOSIS OF BREAST CANCER BY UTILISING RADIOLOGY

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(57) Abstract :  
IMAGE REGISTRATION TECHNIQUES FOR ACCURATE DIAGNOSIS OF BREAST CANCER BY UTILISING RADIOLOGY Activating an external image-acquisition device to measure the shortest distance between the anatomic feature and at least a portion of the external image-acquisition device during the treatment sequence. The first registration device, the second registration device, and the plane registration device are single registration devices. The aligned first image includes the first set of annotations, replicating the first set of annotations to generate a second set of annotations for the aligned second image. Physically securing the breast and maintaining the breast in a repeatable position and a repeatable shape to a chest wall of the patient by securing the breast to a frame suspended from a table supporting the patient. A locator for positioning a patient's breast within a predetermined frame of reference having a predetermined axis extending away from a boundary plane of the predetermined frame of reference. Removing the breast specimen from the patient and in real-time placing it on the specimen platform.

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