



26th February 2024

To
Manager (CRD)
Bombay Stock Exchange Ltd. (BSE)
P.J. Towers, Dalal Street,
Mumbai 400 001

Manager (CRD)
National Stock Exchange of India Ltd. (NSE)
Exchange Plaza, Bandra Kurla Complex
Bandra (E), Mumbai - 400051

Ref: Script Code- 516064
Sub. : Grant of Patent

Script Code- ARROWGREEN

Dear Sir,

We are pleased to inform you that the Company has been granted the Patent Titled: "**A System and Method of Preparing A Cold Water Soluble Film for Delivering Heat Sensitive Active Ingredients**" for the territory of the India under the provisions of the Indian Patent Act, bearing **Patent No. 512862** was granted on the 20th of February 2024. A note and a certificate on the same are attached.

Thanking you,

Yours faithfully,

For Arrow Greentech Limited

Poonam Bansal
Company Secretary



ARROW GREENTECH LTD

CIN No.: L21010MH1992PLC069281

Registered Office: 1/F Laxmi Industrial Estate, New Link Road, Andheri (West), Mumbai 400 053, Maharashtra,

Phone: +91 22-4974 3758, Email : contact@arrowgreentech.com Website: www.arrowgreentech.com

Works: Plot No 531 0,5311, GIDC, Ankleshwar 392002, Gujarat, INDIA Phone : +912646-224743/224744 E-mail : ank@arrowgreentech.com



Announcement of Grant of “A System and Method of Preparing A Cold Water Soluble Film for Delivering Heat Sensitive Active Ingredients ” Patent in India

Arrow Greentech Limited (AGTL) has received a grant for patent titled “**A System and Method of Preparing A Cold Water Soluble Film for Delivering Heat Sensitive Active Ingredients**” Patent No. **512862** dated on 20th of February 2024, for the territory of the India under the provisions of the Indian Patent Act, Certificate is attached.

IP Cell has informed, ‘The present invention, relates to, a water soluble film, more particularly a it relates to a cold water soluble film and the process of preparing such cold water soluble film for the purpose of and having the capacity of delivery of heat sensitive active ingredients. The present patented invention also relates to a method and system for preparing batches of the above mentioned cold water soluble film. The invention uses a novel way of producing heat sensitive actives, like, but not limited to Pharma and health ingredients, for eventual delivery to desired location, like tongue or a wound, as an example.

APPLICATIONS OF THE PATENT:

Water-soluble films have a diverse range of applications, including use in pharmaceutical films, packaging, edible films, formulation, and food product strips. The cold-water-soluble film formed can be applied in various ways, such as pharmaceutical films like mouth dissolving strips, mouth-melting strips, oral disintegrating films (ODS), and packaging. Its ability to preserve heat-sensitive actives without degrading its active potency, makes it particularly suitable for the pharmaceutical, health and hygiene, including cosmetic industry.

The present invention aims to provide a cold-water-soluble film for diverse applications. This includes embedding substances like detergents, enzymes (which are otherwise sensitive to harsh chemical environments and/or are temperature sensitive; softeners, perfumes, agrochemicals (pesticides, fungicides, herbicides, weedicides, insecticides), agro nutrients (urea, fertilizers), dyes, pigments, hazardous chemicals, fluff, pulp, and absorbents used in diapers. The film allows for precise and desired dosages when delivering these substances, making it versatile for unit dose packaging of detergents, agrochemicals, water treatment chemicals, food ingredients, formulations, pharmaceutical drugs, and dyes.

It shall be Arrow Greentech Limited’s on-going endeavor to commercialize these patents appropriately. Arrow firmly believes in protecting it’s Intellectual Property and respects IP grants of other inventors.

Safe Harbor Statement

This announcement contains forward-looking statements. Arrow may also make forward-looking statements in our periodic reports to the Stock Exchanges as per prevalent rules and in its annual report to shareholders, in its proxy statements, in its offering circulars and prospectuses, in press releases and other written materials and in oral statements made by its officers, directors or employees, to third parties. Arrow assumes no obligation to update the forward-looking statements in this release and elsewhere. Statements that are not historical facts, including statements about our beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties. A number of important factors could cause actual results to differ materially from those contained in any forward-looking statement.



ARROW GREENTECH LTD

CIN No.: L21010MH1992PLC069281

Registered Office: 1/F Laxmi Industrial Estate, New Link Road, Andheri (West), Mumbai 400 053, Maharashtra,

Phone: +91 22-4974 3758, Email : contact@arrowgreentech.com Website: www.arrowgreentech.com

Works: Plot No 531 0,5311, GIDC, Ankleshwar 392002, Gujarat, INDIA Phone : +912646-224743/224744 E-mail : ank@arrowgreentech.com

