



6th 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: "**Bio-Compostable Multi-Layered Composite and Methods of Manufacturing the Same**" in the territory of India under the provisions of the Indian Patent Act, bearing **Patent No. 497320** with effect from the 10th of January 2024. A note and a certificate on the same are attached.

The invention will help preserve mother earth, as the packaging filmic material will replace the present single use plastic films, which is being banned by various countries, as we go towards a greener earth.

Thanking you,

Yours faithfully,

For Arrow Greentech Limited

Poonam Bansal
Company Secretary
FCS - 9965



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 “Bio-Compostable Multi-Layered Composite and Methods of Manufacturing the Same” in India

Arrow Greentech Limited (AGTL) has received a grant for patent titled “**Bio-Compostable Multi-Layered Composite and Methods of Manufacturing the Same**” Patent No. **497320** dated on 10th of January 2024 from Indian Patent Office. Certificate is attached.

IP Cell has informed, “A bio-compostable sustainable multi-layered composite comprising: a bio degradable substrate layer and a bio-compostable material that uniformly coated and adhered to at least one side of the said bio degradable substrate with or without using any bio compostable adhesive; Characterized in that, said bio compostable sustainable multi-layered composite shows better mechanical and barrier properties and also when it degrades/decomposes it acts as a compost without leaving any residual waste. The present invention relates to multi-layered composite that shows better mechanical properties, is biodegradable or bio-compostable in nature and methods of manufacturing the same.

APPLICATIONS OF THE PATENT:

- The bio-compostable multi-layered composite so manufactured as per this patent can be used
- in the food industry as disposable crockery, cutlery, trays, boxes, etc.
 - in packaging as Shampoo/cosmetics bottles, Creams or yogurt Jars, agrochemical containers, etc.
 - in pharma industry for medical grade boxes & containers, etc.
 - in wrapping films, etc.
 - in shopping bags, fruit and vegetable bags, refuse bags, wrappings, etc.
 - in labels, agricultural or horticultural products, etc.
 - in injection molded products, thermoformed products, etc.
 - in advertisements/notices such as banners, hoardings, billboards, wrappings, packaging, etc.
 - in composite systems used in various fields.

Arrow Greentech Limited is a pioneer in manufacturing eco-friendly products, by a unique method using our experience in chemistry, coating and casting. Arrow’s R&D department has many years’ experience in different fields e.g. Coatings, Security Printing and Casting Films.

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.



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पेटेंट कार्यालय, भारत सरकार **The Patent Office, Government Of India**
पेटेंट प्रमाण पत्र **Patent Certificate**

(पेटेंट नियमावली का नियम 74) (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. 497320

आवेदन सं. / Application No. 201921033761

फाइल करने की तारीख / Date of Filing 22/08/2019

पेटेंटी / Patentee ARROW GREENTECH LTD.

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **BIO-COMPOSTABLE MULTI-LAYERED COMPOSITE AND METHODS OF MANUFACTURING THE SAME**. नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अगस्त 2019 के बाईसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **BIO-COMPOSTABLE MULTI-LAYERED COMPOSITE AND METHODS OF MANUFACTURING THE SAME**, as disclosed in the above mentioned application for the term of 20 years from the 22nd day of August 2019 in accordance with the provisions of the Patents Act, 1970.



[Signature]

पेटेंट नियंत्रक
Controller of Patents

अनुदान की तारीख : 10/01/2024
Date of Grant :

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अगस्त 2021 के बाईसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 22nd day of August 2021 and on the same day in every year thereafter.