NEWSLETTER
AUGUST 2022

Centre for Intellectual Asset Protection

R&D AND PATENT PROTECTION IN INDIA

Wiling GmbH, a German SME specialising in the construction of car breaking systems. Its most successful product is based on an invention which was patented with the European Patent Office and in the US in 2015. No patent application was filed in India for this invention. Since then, they entered into a business arrangement with an Indian partner to jointly conduct R&D projects in the field. While any result from this R&D activity was to be the property of Wiling GmBH as per the business arrangement, and formalised in the contract between the two parties, the bulk of the research activity was carried out in India. This was done due to the lower costs of implementing R&D projects in India; nevertheless at that point there was no specific plan to commercialise their products in India. This new R&D project led to the design of a mechanism which, when worked in conjunction with their original product, allowed for great breaking performance while allowing reduced stress. Wiling GmbH then wished to protect this new invention with a patent on the markets in which it was already commercially active. Their internal patent team started to work on the drafting of the patent application to be filed in the US and in Europe.

Furthermore, it decided to enter the Indian market by commercialising the two products together, and therefore wanted to make sure that both its products and its brand were duly protected in India. They decided to consult with an IP expert on the matter, and on which was the best way to go about it.

To read full article click here

Reference:

European Commission, Executive Agency for Small and Medium-sized Enterprises, India IP SME Helpdesk : case study : R&D and patent protection in India, Publications Office, 2021, https://data.europa.eu/doi/10.2826/533174

HIGHLIGHTS

INTELLECTUAL PROPERTY
Licensing
Copyright
Creation
Guidance
Novelty
Innovation
Authorship
Brands
Novelty
Patents
Counseling
idea
Trademarks
Trade Secret
Invention

Patent Statistics

In the month of August, 2022, we

- Filed 23 new patent applications
- Received 5 First Examination Report issuances on our patent applications.
- Filed 63 responses to First Examination Reports.
- Got 4 Indian Patents and 1 International Patent granted.

ACHIEVEMENTS – GRANTED PATENTS

This August month SRMIST received 4 Indian patents and 1 International Patent grants. The CIAP feels proud of our faculty members and students who made this achievement possible and we congratulate every inventor who has been a part of these patents. We look forward to working with them to commercialize the patents.

Mr. K. Sridharan from the **Department of Mechatronics Engineering** and his team got their patent granted where their invention is **“A HEIGHT ADJUSTABLE TABLE”**

Brief on Invention:

This invention is particularly related to height adjustable tables that play an increasingly important role in present market as they offer high level of flexibility and ergonomic performance. Height-adjustable tables tend to minimize operator fatigue and discomfort by allowing them to vary the height of the table as per requirement. Conventional height adjustable tables employ the use of telescopic legs to achieve 10 desired height. However, these conventional height adjustable tables are manually operated by a user wherein, the user is required to sequentially vary the height of all telescopic leg which is not automated. Therefore, there is felt a need to provide a height adjustable table that eliminates the drawbacks of the conventional height adjustable tables and also attains the desired height without disturbing objects placed on the table platform and is moreover automated. This invention addresses those drawbacks.

Mr. J Vijay Rathan Lingaa from **Centre for Intellectual Asset Protection** got his patent granted where his invention is **“A TWO-WHEELED SELF BALANCING VEHICLE”**

Brief on Invention:

The inventor has designed a two-wheeled self-balancing vehicle for the urban transportation. It is designed considering the safety factors that are not present in any two wheelers and it as an alternative to scooters and bikes and house a family easily ensuring the safety during their travel.

Dr. Eswaraiah Varrla L from the **Department of Physics** and his team got his patent granted where his invention is **“FLAME RETARDENT COATING COMPOSITION AND A PROCESS FOR ITS PREPARATION”**

Brief on Invention:

Polyurethane foam due to high rates of air permeation and high surface to mass ratio burns easily to release toxic fumes. It is therefore desirable to have polyurethane foams that resist combustion when ignited and release lower amounts of toxic and/or environmentally undesirable fumes. Moreover, the conventional processes such as isocyanate chemistry and Layer by Layer self-assembly used to incorporate the additives or deposit the coatings on polyurethane are lengthy and time consuming. Therefore, there is felt a need to develop a flame retardant coating composition that mitigates the drawbacks mentioned hereinabove. This invention addresses those drawbacks.

Dr. K. A. Sunitha from the D**epartment of Electronics and Instrumentation Engineering** and her team got their Singapore patent granted where their invention is **“A WHEEL CHAIR”.**

Brief on Invention:

The inventor has designed a wheelchair to support patients who can operate it autonomously. Wheelchairs are commonly used in hospitals to temporarily move patients within departments or surgery halls where they are to be operated. Even on completion of a surgery, a patient may require wheelchair during his recovery in case he is advised to rest a certain body part in a fixed position. Since sitting constantly for long hours in the same position results in bed sores, pressure ulcers, sore muscles and fatigue, conventional wheelchairs are not suitable for patients that may have to spend a lot of time on wheelchairs. In such cases, wheelchairs having special cushions and advanced features, like automated or robotic wheelchair movement, are required for patient's comfort and timely recovery. However, such wheelchairs with advanced features are expensive. Moreover, movement of a patient from a wheelchair to a bed and vice versa is a challenge. Therefore, there is a need to limit the abovementioned drawbacks of the conventional wheelchairs, and provide a wheelchair for better suitability to patient needs. This invention addresses those drawbacks.

Dr. G. Joselin Retna Kumar & his team from the **Department of Electronics & Instrumentation Engineering** has got their patent granted where their invention is **"A BOTTLE CLEANING SYSTEM"**

Brief on Invention:

Typically, recycled or newly manufactured containers such as bottles, cans and barrels contain contaminants, such as packaging material, dust, vermin, and the like. These contaminants get deposited in the bottles during transportation and storage thereof. It is therefore necessary to clean the containers prior to use. Conventional methods of cleaning the containers includes spraying of a disinfectant or a cleaning agent into the interior of the containers by means of at least one spraying element. However, there are certain drawbacks associated with the use of conventional methods, for example: a large amount of disinfectant or cleaning agent is required for cleaning the containers; human labor is needed, thereby increasing the time required for cleaning the containers, thereby decreasing the cleaning efficiency; and There is, therefore, felt a need for an alternative system for cleaning the containers that obviates the aforementioned drawbacks. This invention addresses those drawbacks.

EVENTS

1. The CIAP along with College of Science and Humanities organised a seminar on “EXPLORING THE JOURNEY OF IDEA TO COMMERCIALISATION” on 04th August, 2022. Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP was the speaker of this event.

Photos Link: https://tinyurl.com/augeve1

2. Random Research Students Club along with CIAP organised a Seminar on “INTRODUCTION TO IPR & START UP POLICY” on 6th August, 2022. This event had Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP as the speaker.

Photos Link: https://tinyurl.com/augeve2

3. Department of Biomedical Engineering organised a Seminar on “EXPLORING THE JOURNEY OF IDEA TO COMMERICALISATION” on 17th August, 2022. This event had Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP as the speaker.

Photos Link: https://tinyurl.com/augeve3

4. SRMIST along with RGNIIPM organised an Online Workshop on “IPR and Patents & Design Filing” where Dr. Bharat N Suryawanshi was the speaker of the event.

Photos Link: https://tinyurl.com/augeve4

5. Department of Genetics Engineering organised a Seminar on “EXPLORING THE JOURNEY OF IDEA TO PATENT COMMERICALISATION” on 22nd August, 2022. This

event had Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP and Mr.Chetan Kavitake as the speakers.

Photos Link: https://tinyurl.com/augeve5

6. Random Research Students Club along with CIAP organised a Seminar on "EXPLORING THE JOURNEY OF IDEA TO COMMERICALISATION" on 27th August, 2022. This event had Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP as the speaker.

SEPTEMBER HAPPENINGS

EVENT 1:

SEMINAR ON CREATING AN AWARENESS ON INTELLECTUAL PROPERTY RIGHTS AND SUCCESSFUL COMMERCIALISATION

Date: 16th SEPTEMBER 2022

Time: 1.45pm – 3:15pm

Venue: Mechanical Block, Main Campus

EVENT 2:

INTRODUCTION TO IPR & START UP POLICY

Date: 17th SEPTEMBER 2022

Time: 10 am – 11:30am

Venue: Turing Hall, Tech Park

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