# पेटेंट कार्यालय
# शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

## INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**( PROF. (DR) UNNAT P. PANDIT)**
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

**14th November, 2025**

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**( PROF. (DR) UNNAT P. PANDIT)**
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# SPECIAL NOTICE

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The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

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(57) Abstract :
THE ECO-SHOP: REVOLUTIONIZING E-COMMERCE WITH ADVANCED FEATURES ABSTRACT The invention introduces a next-generation e-commerce platform designed to merge advanced digital technologies with eco-conscious practices. It leverages artificial intelligence for sustainable product recommendations, blockchain for transparent supply chain tracking, and predictive analytics for efficient logistics and inventory management. The platform emphasizes eco-friendly packaging, optimized delivery networks, and carbon footprint estimators, enabling consumers to make informed choices. Additionally, it incorporates gamification and reward systems to promote responsible consumption. By supporting local and sustainable producers, the Eco-Shop fosters community engagement while minimizing environmental impact. This invention revolutionizes digital retail by embedding sustainability at every stage, creating a balance between technological innovation, consumer satisfaction, and ecological responsibility.

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Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
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**FORM 2**

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**(39 of 1970)**
**&**

**THE PATENT RULES, 2003**

**Complete Specification**
**(See section10 and rule13)**

1. Title of the Invention: **THE ECO-SHOP: REVOLUTIONIZING E-COMMERCE WITH ADVANCED FEATURES**

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3. Preamble to the description:
The following specification particularly describes the invention and the manner in which it is to be performed.

**4. DESCRIPTION**

## FIELD OF THE INVENTION

The present invention relates to the field of e-commerce systems. It particularly addresses sustainable and intelligent online shopping platforms. The invention integrates eco-friendly retail with advanced digital technologies. It provides a framework for optimizing consumer experience while promoting sustainability.

## BACKGROUND OF THE INVENTION

The rapid growth of e-commerce has transformed the way consumers purchase goods and services, offering convenience, speed, and global accessibility. However, traditional e-commerce platforms often prioritize commercial efficiency over ecological sustainability, leading to rising concerns about environmental impacts such as excessive packaging, increased carbon emissions from logistics, and unsustainable production practices. As consumer awareness about climate change and environmental preservation continues to expand, there is a pressing need for e-commerce platforms to integrate sustainable and eco-conscious mechanisms into their operations.

Conventional online shopping systems focus heavily on optimizing product selection, pricing, and delivery speed, but they seldom incorporate features that actively guide customers toward sustainable purchasing decisions. Current solutions may provide product filters or highlight certifications like “organic” or “eco-friendly,” but these approaches are fragmented and do not present a holistic model that unites advanced technological features with environmental consciousness. Additionally, the logistics and supply chain aspects of e-commerce often remain opaque to the end-user, making it difficult for consumers to understand the environmental footprint of their choices. Another major issue arises in packaging and last-mile delivery, where the use of non-biodegradable materials and inefficient delivery routes contribute significantly to waste generation and pollution. While a few platforms have

experimented with recyclable packaging or carbon offset programs, these solutions remain isolated rather than systematically embedded into the shopping ecosystem. Moreover, personalization in existing platforms largely emphasizes consumer behavior and sales maximization rather than tailoring recommendations based on environmental considerations.

Technological advancements such as artificial intelligence, machine learning, blockchain, and data analytics present new opportunities to revolutionize the e-commerce landscape. AI-driven recommendation engines can not only personalize shopping experiences but also prioritize eco-friendly alternatives. Blockchain can enhance supply chain transparency, allowing consumers to track product origin, production methods, and sustainability compliance. Predictive analytics can optimize inventory management and delivery networks, thereby reducing unnecessary emissions and waste. Despite the availability of these technologies, their integration into a unified, eco-centric e-commerce platform has not been fully realized.

The market trend also indicates that consumers are increasingly willing to pay a premium for environmentally responsible products and services. Thus, there is both a social demand and an economic incentive for creating platforms that merge sustainable practices with advanced digital features. However, current systems lack a comprehensive architecture that leverages technological innovation to deliver not only a seamless and efficient shopping journey but also an environmentally responsible one. The invention addresses these gaps by combining advanced digital tools with eco-conscious principles. It is designed to revolutionize e-commerce by embedding sustainability into every stage of the shopping process—from product discovery and selection to payment, delivery, and packaging—while maintaining high levels of efficiency, transparency, and user satisfaction.

## SUMMARY OF THE INVENTION

The Eco-Shop is an advanced e-commerce platform that redefines digital retail by integrating sustainability-focused features with state-of-the-art technologies. Unlike conventional platforms that primarily emphasize consumer convenience and sales growth, this invention places equal importance on environmental responsibility and technological innovation. At its core, the Eco-Shop leverages artificial intelligence to recommend eco-friendly alternatives, optimize consumer choices, and reduce unnecessary purchases by encouraging minimalism and mindful consumption. The system further incorporates blockchain technology to ensure transparency in supply chains, allowing customers to verify the origin, production methods, and ecological certifications of products. Through this mechanism, trust is enhanced, and consumers are empowered to make decisions based on environmental integrity. Predictive analytics is applied to streamline logistics and minimize waste, while carbon footprint estimators allow customers to evaluate the environmental impact of their purchases in real time.

One of the distinctive features of the Eco-Shop is its packaging and delivery optimization module, which prioritizes recyclable, biodegradable, or reusable materials and suggests eco-friendly delivery routes. Customers can opt for consolidated shipments, reducing the number of deliveries and the associated carbon emissions. Gamification elements, such as reward points for choosing sustainable products or eco-friendly delivery options, further encourage responsible consumer behavior. The platform is not limited to environmental sustainability but also ensures financial and social benefits. It provides a marketplace for local, small-scale, and sustainable producers, reducing long-distance supply chains and empowering community-based businesses. By merging advanced technologies with sustainability-driven strategies, the Eco-Shop represents a transformative step in the evolution of e-commerce. It

offers a seamless, transparent, and eco-conscious shopping experience that benefits consumers, businesses, and the planet.

## BRIEF DESCRIPTION OF THE DRAWINGS

**Fig.1:** Depicts Flow diagram for the Proposed Invention.

**Fig.2:** Depicts sustainable e-commerce framework.

**Fig.3:** Depicts E-Commerce system.

## BRIEF DESCRIPTION OF THE INVENTION

TECHNOLOGICAL FOUNDATION OF THE ECO-SHOP

The Eco-Shop represents a revolutionary approach to digital commerce by combining advanced technologies with sustainable practices to create a new paradigm in online shopping. Unlike conventional platforms that merely act as intermediaries between sellers and buyers, the Eco-Shop functions as an intelligent ecosystem that leverages artificial intelligence, blockchain, and predictive analytics to offer a seamless and eco-conscious experience. At the core of its technological foundation is an artificial intelligence–driven recommendation engine designed not only to suggest products based on consumer preferences but also to prioritize eco-friendly alternatives. Instead of promoting excessive consumption, the AI system is programmed to highlight minimalistic, durable, and environmentally sustainable choices that align with the principles of conscious consumerism. By incorporating deep learning algorithms, the recommendation engine evaluates multiple parameters such as product lifecycle, environmental certifications, material composition, and carbon footprint, ensuring that users are presented with the most responsible options.

In addition to AI, blockchain integration forms a critical pillar of the Eco-Shop's architecture. Transparency has been a long-standing challenge in e-commerce supply chains, with customers often unaware of where and how their purchases are produced. The Eco-Shop

addresses this issue by utilizing blockchain-ledger technology to create immutable records of product origins, supply chain logistics, and compliance with ecological standards. Each product is accompanied by verifiable data that customers can trace back to its source, empowering them to make decisions with complete trust and confidence. This level of traceability not only promotes accountability among suppliers but also discourages unethical practices such as greenwashing, where businesses exaggerate or misrepresent their environmental commitments.

Predictive analytics further enhances the platform by ensuring operational efficiency and environmental sustainability in logistics. The Eco-Shop's algorithms analyze demand patterns, optimize warehouse inventory levels, and recommend efficient delivery routes to reduce unnecessary emissions. For example, if multiple customers in a region place orders within a short timeframe, the system can consolidate shipments to minimize transport costs and environmental impact. Moreover, predictive demand modeling helps suppliers avoid overproduction, thereby reducing waste and promoting a leaner supply chain model. Together, these technological innovations establish a foundation where sustainability and advanced computing intersect creating a platform that not only enhances consumer convenience but also minimizes ecological harm.

## SUSTAINABLE COMMERCE FEATURES OF THE ECO-SHOP

Beyond its technological underpinnings, the Eco-Shop incorporates an array of features explicitly designed to promote sustainability at every stage of the shopping journey. One of the most distinctive modules is its packaging and delivery optimization system, which gives consumers multiple environmentally conscious options during checkout. Customers can select recyclable, biodegradable, or reusable packaging materials, while also being encouraged to choose consolidated deliveries rather than multiple shipments. To further reduce environmental stress, the platform integrates with green logistics providers that

prioritize electric vehicles, bicycle couriers, and carbon-neutral delivery mechanisms. This delivery framework not only reduces emissions but also educates consumers about the environmental implications of their choices, creating a shared responsibility between platform, vendor, and customer.

Another pioneering feature is the carbon footprint estimator, which calculates the environmental impact of every transaction in real time. Unlike standard checkout systems that only display product prices and shipping costs, the Eco-Shop provides users with a transparent breakdown of emissions generated from manufacturing, packaging, and logistics. Customers can compare the ecological cost of different product options, thereby fostering responsible decision-making. To balance convenience with sustainability, the platform also offers carbon offset programs, where consumers can voluntarily contribute to initiatives such as tree planting, renewable energy investments, or reforestation projects. The integration of this tool transforms shopping from a purely transactional activity into an educational and participatory process that connects personal actions with global environmental outcomes.

The Eco-Shop also integrates gamification as a means of encouraging eco-friendly behaviors among consumers. Shoppers are rewarded with digital points, badges, or discounts when they opt for sustainable alternatives such as consolidated deliveries, minimal packaging, or purchases from local producers. Over time, these incentives foster a culture of environmentally responsible shopping habits while maintaining customer engagement and loyalty. Unlike superficial reward programs, the Eco-Shop's gamification model directly aligns consumer benefits with sustainable actions, thereby ensuring that responsible behavior is consistently reinforced.

Furthermore, the marketplace aspect of the Eco-Shop emphasizes inclusivity by supporting small-scale, local, and sustainable producers. Traditional e-commerce platforms often prioritize large corporations and global retailers, which results in longer supply chains and

greater environmental costs. By contrast, the Eco-Shop promotes locally sourced goods, thereby reducing transportation distances, supporting regional economies, and ensuring greater alignment with sustainable business practices. Small vendors and eco-friendly brands are given priority listing, enhanced visibility, and technical support to participate in the platform, ensuring that consumers have access to diverse, responsible alternatives without compromising quality or affordability. This democratization of e-commerce aligns economic growth with environmental stewardship, making the Eco-Shop not only a technological innovation but also a socially transformative platform.

Additionally, the Eco-Shop promotes circular economy principles by integrating product resale, recycling, and refurbishment modules. Consumers can resell products directly through the platform or participate in take-back schemes where used items are collected and refurbished for future use. This reduces the overall demand for new production, extends product lifecycles, and encourages consumers to adopt reuse-oriented behaviors. Unlike standard e-commerce models that thrive on linear consumption patterns, the Eco-Shop positions itself as a holistic ecosystem that aligns with global sustainability goals.

CONSUMER-CENTRIC AND FUTURE-ORIENTED ADVANTAGES

A distinguishing attribute of the Eco-Shop is its consumer-centric design, which seeks to enhance user experience while embedding sustainability into everyday decision-making. The interface is designed with simplicity and clarity in mind, ensuring that eco-friendly features are seamlessly integrated into the shopping flow rather than appearing as optional afterthoughts. For instance, when a consumer searches for a product, the platform does not merely provide price and popularity filters but also displays sustainability ratings, lifecycle analysis, and ecological certifications. This approach empowers users with comprehensive data while ensuring that responsible choices remain as convenient as conventional ones. By embedding sustainability into the default experience, the Eco-Shop removes friction from

eco-friendly decision-making and makes environmental responsibility an effortless part of daily shopping routines.

In addition to user-facing features, the Eco-Shop provides businesses with tools to monitor and improve their sustainability performance. Sellers on the platform receive analytical insights into the environmental footprint of their supply chains, packaging practices, and product lines. By benchmarking performance against industry standards, vendors can continuously improve their ecological credentials while gaining competitive advantages in an increasingly sustainability-conscious marketplace. The Eco-Shop thus serves as both a consumer tool and a business improvement mechanism, creating a feedback loop that encourages systemic adoption of sustainable practices across the retail sector.

Security and trust also form a critical component of the Eco-Shop's consumer-centric advantages. Blockchain integration ensures that customers can independently verify product claims, thereby reducing misinformation and fraudulent practices. Furthermore, the transparent ledger system provides customers with greater confidence in their purchasing decisions, reinforcing the platform's credibility. When combined with AI-powered personalization, the Eco-Shop achieves a delicate balance between consumer satisfaction, ethical responsibility, and technological integrity.

Looking toward the future, the Eco-Shop has the potential to evolve into a global benchmark for sustainable commerce. Its modular architecture allows for easy integration with emerging technologies such as Internet of Things (IoT) sensors for real-time supply chain monitoring, augmented reality for immersive eco-product exploration, and green financial services for promoting investments in sustainable businesses. The scalability of the system ensures that it can be adopted across different regions and industries, adapting to local sustainability standards while maintaining a global vision of ecological responsibility.

The invention also has far-reaching implications for achieving international environmental goals, such as the United Nations Sustainable Development Goals (SDGs). By reducing emissions, supporting responsible production, and fostering conscious consumption, the Eco-Shop contributes directly to goals such as climate action, responsible consumption and production, and sustainable cities and communities. The platform therefore transcends the boundaries of a conventional e-commerce tool and establishes itself as a catalyst for global environmental transformation.

The Eco-Shop is a multifaceted invention that redefines the fundamentals of online shopping by merging advanced technologies with sustainable principles. It goes beyond being a transactional platform to become a transformative ecosystem where environmental responsibility, consumer convenience, and technological innovation coexist harmoniously. Through its unique combination of AI-driven recommendations, blockchain-enabled transparency, predictive analytics, eco-conscious packaging, gamification, and support for local producers, the Eco-Shop creates a holistic framework for the future of commerce. Its consumer-centric design ensures that sustainability is no longer a difficult choice but an integrated element of the shopping experience. By revolutionizing the way goods are purchased, delivered, and consumed, the Eco-Shop positions itself as the future of e-commerce, leading the path toward a sustainable digital economy.

We Claim:

1. A system enabling sustainable product discovery through artificial intelligence–driven recommendations.
2. A method providing transparent supply chain verification utilizing blockchain integration.
3. A platform incorporating predictive analytics for optimizing logistics efficiency.
4. A mechanism offering eco-friendly packaging and consolidated shipment options.
5. A framework presenting real-time carbon footprint estimation during transactions.
6. A process encouraging responsible consumer engagement via gamification incentives.
7. A marketplace supporting local producers and environmentally certified businesses.

Dated this 27th August 2025

# THE ECO-SHOP: REVOLUTIONIZING E-COMMERCE WITH ADVANCED FEATURES


## ABSTRACT

The invention introduces a next-generation e-commerce platform designed to merge advanced digital technologies with eco-conscious practices. It leverages artificial intelligence for sustainable product recommendations, blockchain for transparent supply chain tracking, and predictive analytics for efficient logistics and inventory management. The platform emphasizes eco-friendly packaging, optimized delivery networks, and carbon footprint estimators, enabling consumers to make informed choices. Additionally, it incorporates gamification and reward systems to promote responsible consumption. By supporting local and sustainable producers, the Eco-Shop fosters community engagement while minimizing environmental impact. This invention revolutionizes digital retail by embedding sustainability at every stage, creating a balance between technological innovation, consumer satisfaction, and ecological responsibility.

| **FORM 1**<br>THE PATENTS ACT 1970 (39 OF 1970) and<br>THE PATENTS RULES, 2003<br>**APPLICATION FOR GRANT OF PATENT**<br>(See section 7, 54 and 135 and sub-rule (1) of rule 20) | (FOR OFFICE USE ONLY) |
|---|---|

| | | |
|---|---|---|
| | Application No. | |
| | Filing date: | |
| | Amount of fee paid: | |
| | CBR No: | |
| | Signature: | |

| | |
|---|---|
| **1. APPLICANT'S REFERENCE/ IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)** | |

**2. TYPE OF APPLICATION [Please tick ( ) at the appropriate category)**

| Ordinary (✓) | | Convention ( ) | | PCT-NP ( ) | |
|---|---|---|---|---|---|
| Divisional ( ) | Patent of Addition ( ) | Divisional ( ) | Patent of Addition ( ) | Divisional ( ) | Patent of Addition ( ) |

**3A. APPLICANT(S)**

| **Name in Full** | **Nationality** | **Country of Residence** | **Address of the Applicant** |
|---|---|---|---|
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| Dr. Mahammadrafique Meman | INDIAN | INDIA | Professor, Department of Management, The Mandvi Education Society Institute of Business Management & Computer Studies, At/Po. Mandvi, Surat, Gujarat-394160, India. |
| Dr. Vivek Hamal | INDIAN | INDIA | Assistant Professor, Department of Management, Brainware University, Barasat, Kolkata, West Bengal-700129, India. |
| Prof. Spoorthi N | INDIAN | INDIA | Assistant Professor, Department of Commerce and Management Studies, Dhanwantari Academy for Management Studies, Chikkabanavara, Karnataka-560090, India. |
| Dr. Kabirdoss Devi | INDIAN | INDIA | Associate Professor, Department of Management Studies, Vels Institute of Science Technology and Advanced Studies (VISTAS) PV Vaithialingam Road, Velan Nagar, Pallavaram, Chennai, Tamil Nadu-600117, India. |
| Dr. Hrishikesh J. Juikar | INDIAN | INDIA | Lecturer, Department of Commerce, Bhavan's College, Andheri W, Mumbai, Maharashtra-400058, India. |
| Mr. V. Anandhakumar | INDIAN | INDIA | Assistant Professor, Department of Commerce CA, Nandha Arts and Science College (Autonomous), Erode, Tamil Nadu-638052, India. |

| | | | |
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| Ms. Kaviya B | INDIAN | INDIA | Assistant Professor, Department of B.Com A&F, Sri Ramakrishna College of Arts & Science (Autonomous), Avinashi Road, Nava India, Coimbatore, Tamil Nadu-641006, India. |

**3B. CATEGORY OF APPLICANT [Please tick ( ) at the appropriate Category]**

| | | | | |
|---|---|---|---|---|
| Natural person (✓) | Other than Natural Person | | | |
| | Small Entity ( ) | Startup ( ) | Educational Institution ( ) | Others ( ) |

**4. INVENTOR(S) [Please tick ( ) at the appropriate category]**

| | | |
|---|---|---|
| Are all the inventor(s) same as the applicant(s) named above? | Yes (✓) | No ( ) |

If "No", furnish the details of the inventor(s)

| Sl. No | Name in Full | Nationality | Country of Residence | Address of the Inventor | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |

**TITLE OF THE INVENTION: THE ECO-SHOP: REVOLUTIONIZING E-COMMERCE WITH ADVANCED FEATURES**

| | | |
|---|---|---|
| **5. AUTHORISED REGISTERED PATENT AGENT(S)** | IN/PA NO. | **IN/PA-1549** |
| | Name | **SENTHIL KUMAR .B** |
| | Mobile No. | |
| **7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA** | Name | Dr. Lubna Suraiya |
| | Postal Address | Assistant Professor, Department of Commerce (Accounting & Finance) SRMIST, FSH, Vadapalani, Chennai, Tamil Nadu-600026, India. |
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| | Mobile No. | 8500580495 |
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**8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION**

| Country | Application Number | Filing date | Name of the Applicant | Title of the invention | IPC (as Classified in the Convention Country) |
|---|---|---|---|---|---|
| | | | | | |

**9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)**

| | |
|---|---|
| **International Application Number** | International filing date |
| -NA- | -NA- |

**10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION**

| | |
|---|---|
| Original (first) application No. | Date of filing of original (first) application |
| -NA- | -NA- |

**11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT**

| | |
|---|---|
| Main application/patent No. | Date of filing main application |

**12. DECLARATIONS**

**(i) Declaration by the inventor (s)**

**(In case the applicant is an assignee:** The inventors (s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post electronic transmission duly authenticated within the prescribed period)

We, the above named inventor(s) are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

**INVENTORS**

| Sl. No | NAME | SIGNATURE | DATE |
|---|---|---|---|
| 1 | Dr. Lubna Suraiya | | 28 August 2025 |
| 2 | Dr. Mahammadrafique Meman | | 28 August 2025 |
| 3 | Dr. Vivek Hamal | | 28 August 2025 |
| 4 | Prof. Spoorthi N | | 28 August 2025 |
| 5 | Dr. Kabirdoss Devi | | 28 August 2025 |
| 6 | Dr. Hrishikesh J. Juikar | | 28 August 2025 |
| 7 | Mr. V. Anandhakumar | | 28 August 2025 |
| 8 | Ms. Kaviya B | | 28 August 2025 |

**(ii) Declaration by the applicant(s) in the Convention Country**
**(In case the applicant in India is different from than the applicant in the convention Country**:

The applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date
(b) Signature(s)
(c) Name(s) of the Signatory

**(iii) Declaration by the applicant(s)**

We the applicants hereby declare that: -

We are in possession of the above-mentioned invention.

□**The Complete specification relating to the invention is filed with this application.**
□ ~~The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to us.~~
□**There is no lawful ground of objection(s) to the grant of the Patent to us.**
□**We are the true & first inventors.**
□We are the assignee or legal representative of true & first inventors.
□ ~~The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).~~
□We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
□~~Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9~~.
□ ~~The application is divided out of my /our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.~~
□~~The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11~~.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION
(a) Form 2

| ITEM | DETAILS | FEE | REMARKS |
|---|---|---|---|
| Complete Specification (Description part) in form 2 | | | |
| Claims | | | |
| Abstract | | | |
| Drawings | | | |

# In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

(a) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
(b) ~~Sequence listing in electronic form~~
(c) Drawings ~~(in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies~~).
(d) ~~Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.~~
(e) ~~Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability~~.
(f) Statement and Undertaking on Form 3
(g) Declaration of Inventorship on Form 5
(h) Power of Authority
(i)Total fee ₹…….in Cash/ Banker's Cheque /Bank Draft bearing No..... Date……..on ……..Bank.
I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters slated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

**Dated this the 28th day of August 2025**

**Signature:** 

**Name: SENTHIL KUMAR .B**
**PATENT AGENT : IN/PA-1549**

To
The Controller of Patents
The Patent Office, at Mumbai / Delhi / Chennai / Kolkata

Note: -

* Repeat boxes in case of more than one entry.
* To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
* Tick (☑)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
* Name of the inventor and applicant should be given in full, family name in the beginning.
* Strike out the portion which is/are not applicable.
* For fee: See First Schedule‖;

**FORM 9**

THE PATENTS ACT, 1970

(39 of 1970)

&

THE PATENT RULES, 2003

**Request for Publication**

(See section 11A(2); rule 24A)

We, **1. Dr. Lubna Suraiya, Assistant Professor, Department of Commerce (Accounting & Finance) SRMIST, FSH, Vadapalani, Chennai, Tamil Nadu-600026, India, 2. Dr. Mahammadrafique Meman, Professor, Department of Management, The Mandvi Education Society Institute of Business Management & Computer Studies, At/Po. Mandvi, Surat, Gujarat-394160, India, 3. Dr. Vivek Hamal, Assistant Professor, Department of Management, Brainware University, Barasat, Kolkata, West Bengal-700129, India, 4. Prof. Spoorthi N, Assistant Professor, Department of Commerce and Management Studies, Dhanwantari Academy for Management Studies, Chikkabanavara, Karnataka-560090, India, 5. Dr. Kabirdoss Devi, Associate Professor, Department of Management Studies, Vels Institute of Science Technology and Advanced Studies (VISTAS) PV Vaithialingam Road, Velan Nagar, Pallavaram, Chennai, Tamil Nadu-600117, India, 6. Dr. Hrishikesh J. Juikar, Lecturer, Department of Commerce, Bhavan's College, Andheri W, Mumbai, Maharashtra-400058, India, 7. Mr. V. Anandhakumar, Assistant Professor, Department of Commerce CA, Nandha Arts and Science College (Autonomous), Erode, Tamil Nadu-638052, India, 8. Ms. Kaviya B, Assistant Professor, Department of B.Com A&F, Sri Ramakrishna College of Arts & Science (Autonomous), Avinashi Road, Nava India, Coimbatore, Tamil Nadu-641006, India,** hereby request for early publication of our Patent application for the invention titled **"THE ECO-SHOP: REVOLUTIONIZING E-COMMERCE WITH ADVANCED FEATURES"** under section 11A(2) of the Act.

Dated this 28th day of August 2025.

**Senthil Kumar B**
Agent for the applicant
IN/PA-1549

To

The Controller of Patents
The Patent Office, Mumbai / Delhi /Chennai / Kolkata