

## G-SIGN IP PATENT APPLICATION PROCESS

**USER GUIDE** 







### About the Project...

The G-SIGN-IP (Global Smart InterGovernment Network for Secure Data Exchange Piloting for Intellectual Property Service) project aims to ensure secure, transparent, and efficient data exchange in the field of intellectual property.

#### **Project Purpose**

Its main goal is to digitalize international patent application processes, enabling users to securely perform identity verification, authorization, and information sharing between institutions in different countries.

Within this scope, the project integrates blockchain and artificial intelligence (AI) technologies to enhance data security and increase efficiency by automating application processes.

The project is carried out under the NGI Sargasso program, funded by the European Commission, with the purpose of fostering collaboration between the European Union, the United States, and Canada in the field of Next Generation Internet (NGI) technologies.

#### **Project Scope**

- Digital submission and management of patent applications
- Al-supported analysis of similar or related patents
- Blockchain-based identity verification and data Exchange.
- Process automation through smart contracts
- Secure cross-border data flow among international systems

#### **Important Information and Restrictions**

- It is mandatory to log in to the G-SIGN-IP platform to use the system.
- Each application must include at least one applicant and one inventor.
- Once submitted, the application content cannot be modified within the system.
- Users may cancel their application at any time; however, no refund will be issued.
- The U.S. system operates under the "first-to-file (AIA)" principle, meaning that the first applicant obtains the protection right.
- Each claim must be technically clear, precise, and supported by drawings.
- Application files must be uploaded in PDF format only.
- The system currently supports non-provisional patent applications only.
- If the user exits before completing the application, the entered data will be saved automatically.
- Once the application is completed and the fee is paid, the application cannot be updated.

## 2 System Login

• The system is a web-based platform. To access the system, users must first click on the provided link ([https://gsign.turksat.com.tr/]).

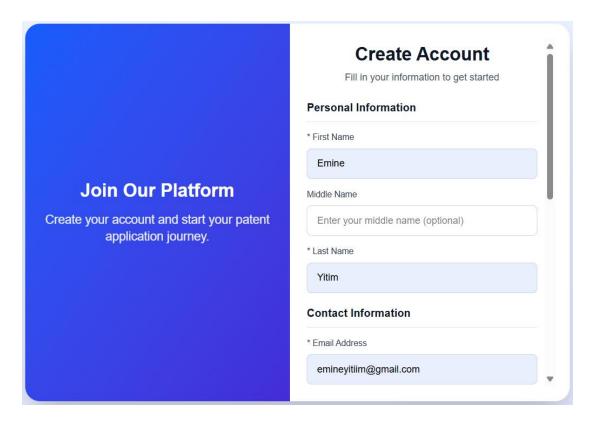


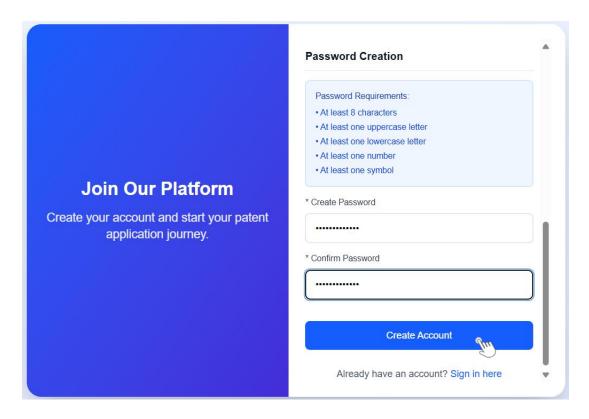
#### **G-SIGN-IP**

NGI Sargasso is a European Commission-funded cascade funding program dedicated to fostering innovation and strengthening collaboration between the European Union, the United States, and Canada in the field of next-generation internet (NGI) technologies. The G-SIGN-IP (Global Smart InterGovernment Network for Secure Data Exchange Piloting for Intellectual Property Service) project, which has been accepted within the scope of this program, will create a blockchain and artificial intelligence infrastructure to create a secure cross-border network for identity verification, authorization and information sharing. The project is carried out by academic institutions and private sector companies in accordance with mutual interaction and information sharing.

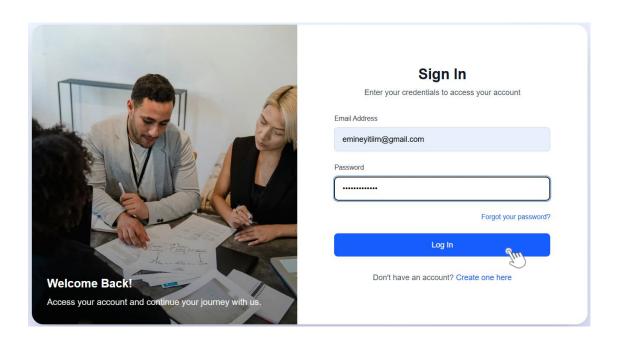


If the user does not have an existing account, they should complete the "Register" process.





- If the user has not previously created an account, they must fill in the required fields in the registration form and click the "Create Account" button.
- The user can log in to the system using the email address and password provided during the registration process.



# 2 System Login

• The user clicks the "Log In" button to access their personal application portal.



Similar Patent Applications

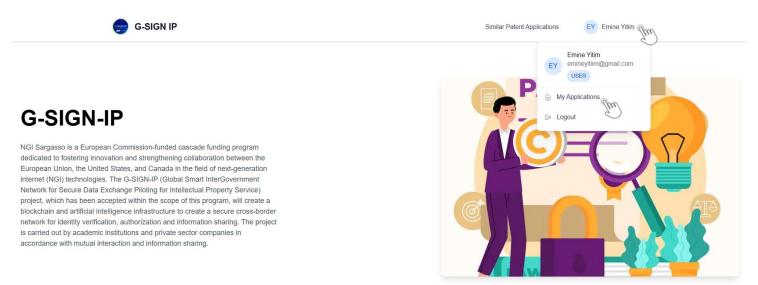


#### **G-SIGN-IP**

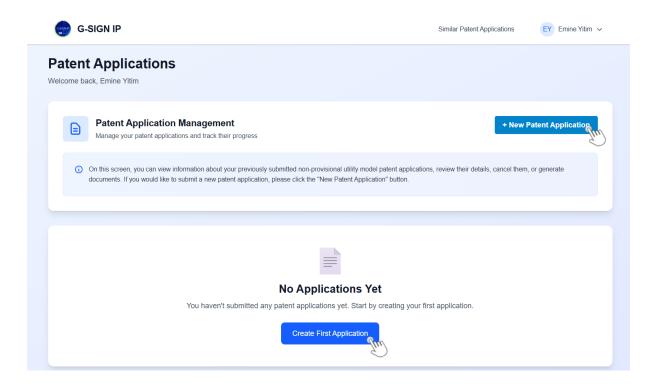
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• After logging into the system, the user selects the "My Applications" tab from the user menu located at the top of the screen.



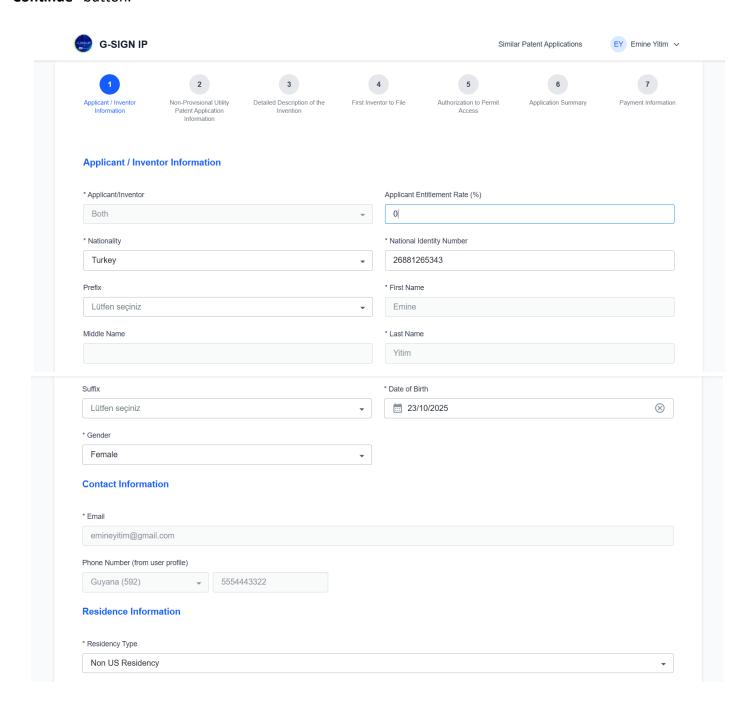
- If the user does not have any registered patent applications in the system, a warning message is displayed on the screen.
- On this page, the user can start the patent application process by clicking either the "New Patent Application" or "Create First Application" button.

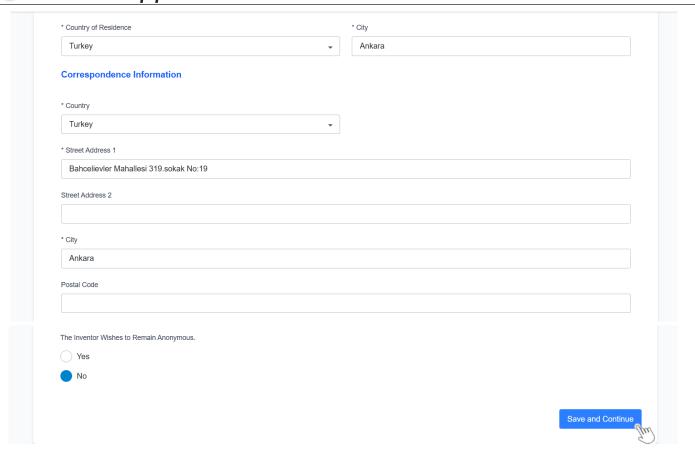


The patent application process consists of **7 steps**.

#### 1. Applicant / Inventor Information

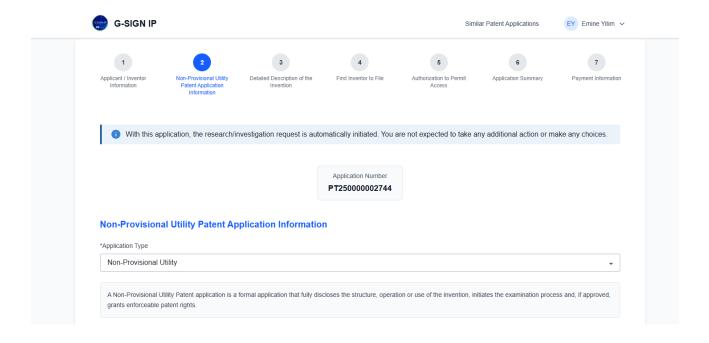
In the first step, the "Application / Inventor Information" form is completed, and the user clicks the "Save and Continue" button.



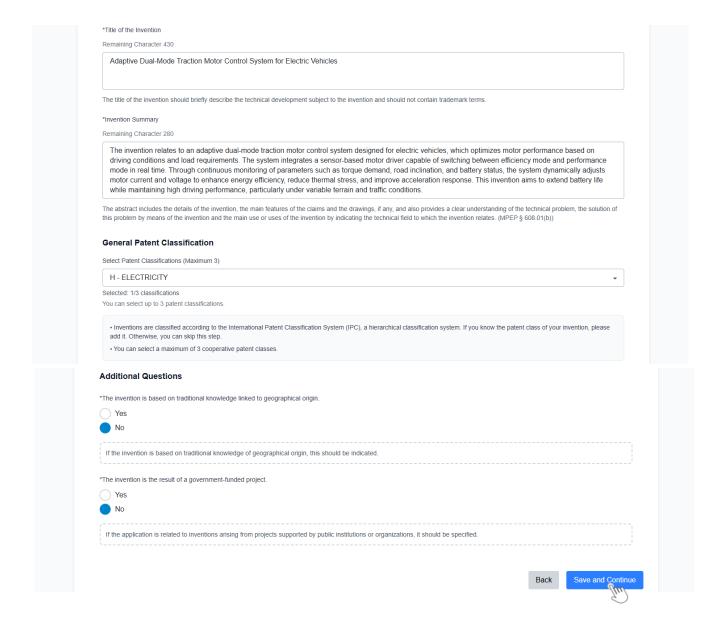


#### 2. Non-Provisional Utility Patent Application Information

- When the user fills in the "Applicant / Inventor Information" and clicks the "Save and Continue" button, the system automatically assigns an "Application Number."
- After filling in the required fields in the application, click the "Save and Continue" button.

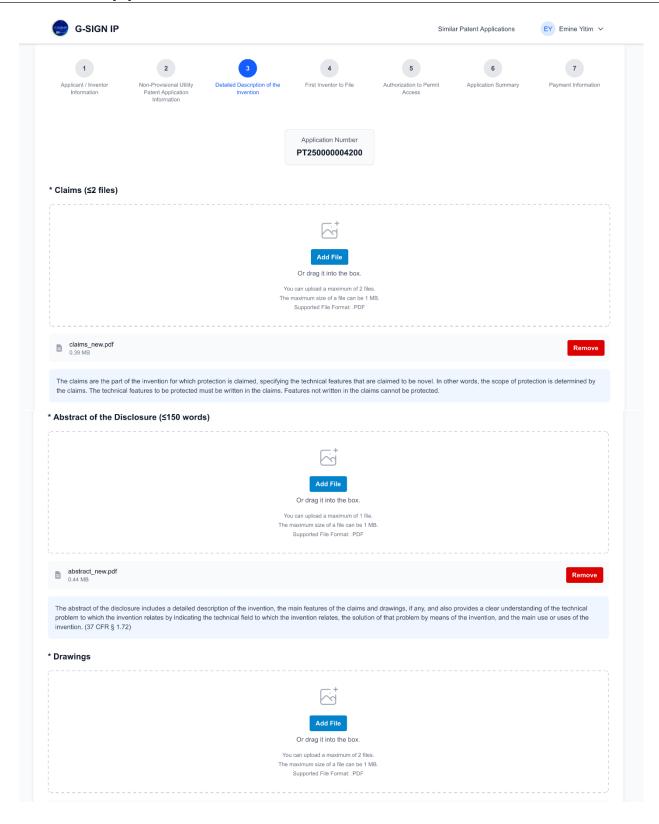


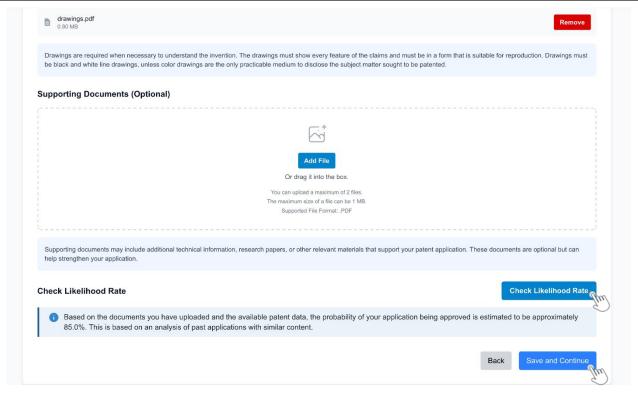




#### 3. Detailed Description of the Invention

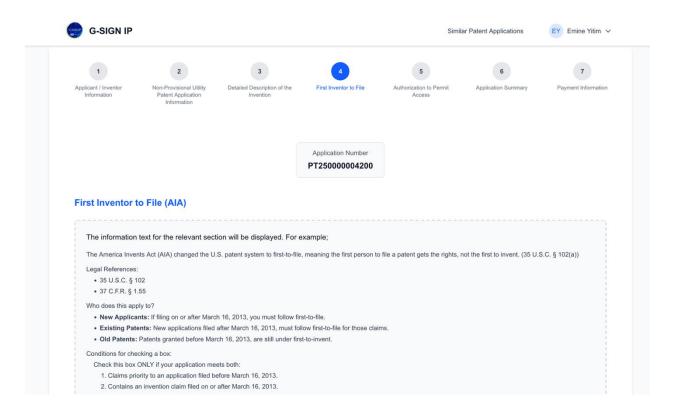
- In the third step, the required documents related to the patent application content and details are uploaded to the system.
- The user clicks the "Check Likelihood Rate" button to see the probability of approval for their application.
- If desired, the user can review and edit the content of the uploaded documents.
- To proceed, the user clicks the "Save and Continue" button.





#### 4. First Inventor to File

The "First Inventor to File" step is used to determine the priority of the patent application; the user must enter their information accurately as the first applicant.



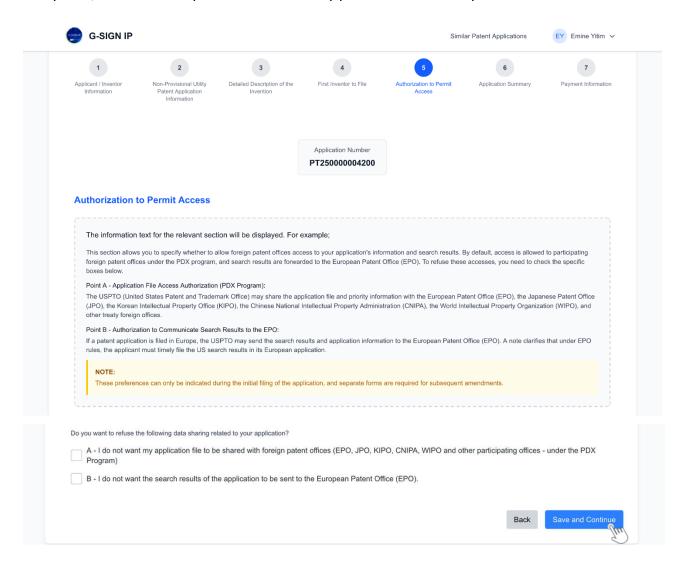
### 3

### Patent Application Process



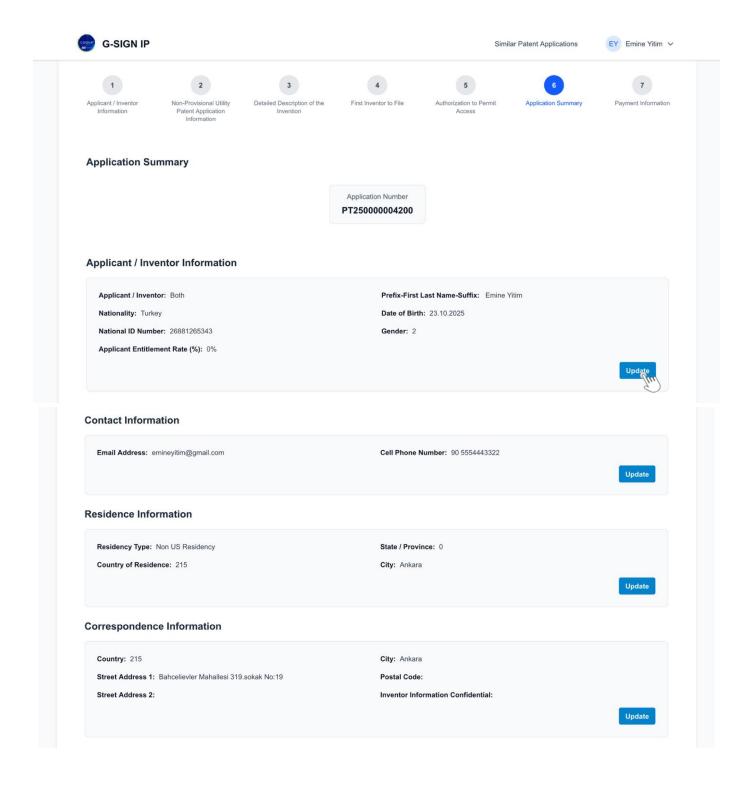
#### 5. Authorization to Permit Access

The "Authorization to Permit Access" step allows the user to grant access to certain documents or information within the system; the user must provide the necessary permissions correctly.

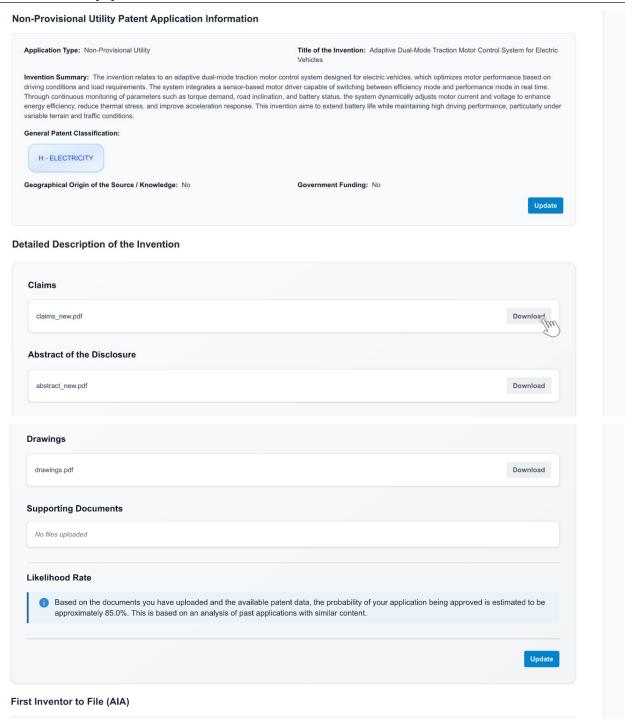


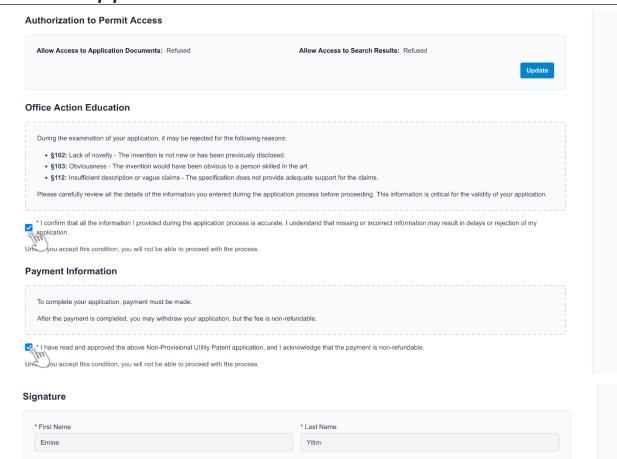
#### 6. Application Summary

- On the Application Summary page, all information entered during the application process is displayed.
- If the user wishes to update any information, they can click the "Update" button to make changes.
- The user can click the "Download" button to download and review the contents of the uploaded documents.
- To proceed, the user must carefully read the information texts regarding Office Education and Payment
   Information at the bottom of the page, accept the terms, and then click the "Save and Continue" button.



Evaluate the application under "First Inventor to File": No

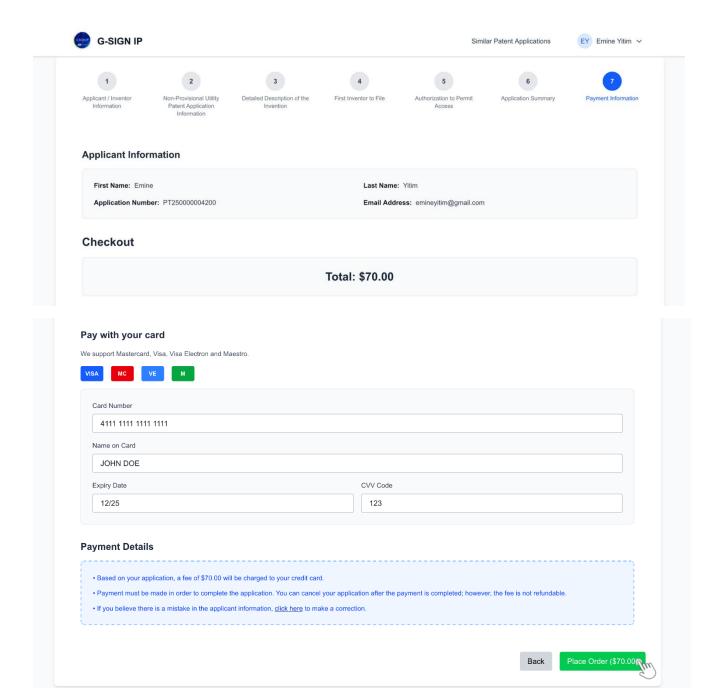




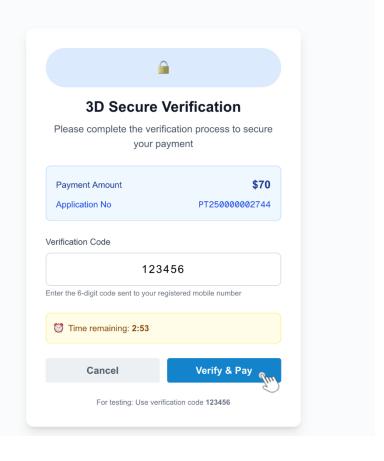


#### 7. Payment Information

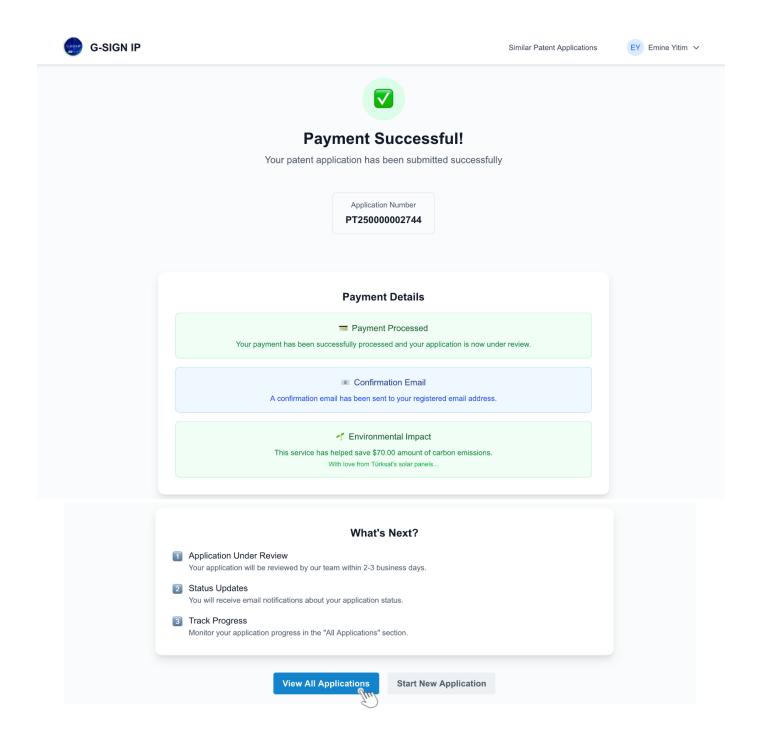
- In the Payment Information step, the payment amount and payment details are displayed.
- To complete the transaction, click the "Place Order" button.



- After clicking the "Place Order" button, a verification code will be sent to your registered mobile phone to complete the payment.
- After entering the verification code, you can proceed by clicking the "Verify & Pay" buttons.

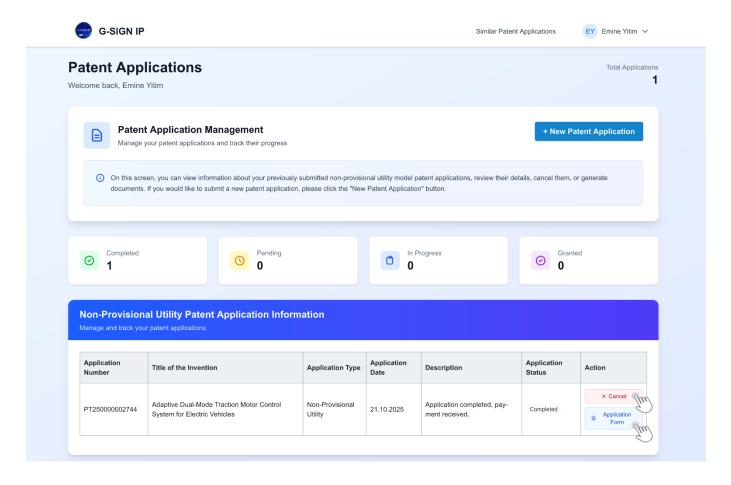


- After clicking the "Verify & Pay" button, your patent application is successfully submitted.
- On this screen, you can view your application number, payment details, and information necessary for the next steps.
- To view your application on your homepage, click the "View All Applications" button.

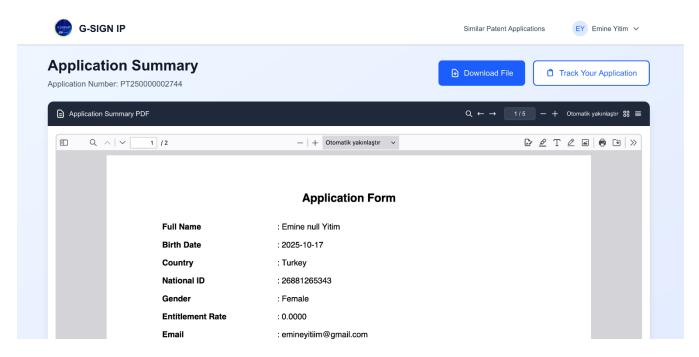


On this screen, you can view information about your previously submitted **non-provisional utility patent applications**, review their details, cancel an application, or generate related documents.

• If you wish to submit a new patent application, click the "New Patent Application" button.

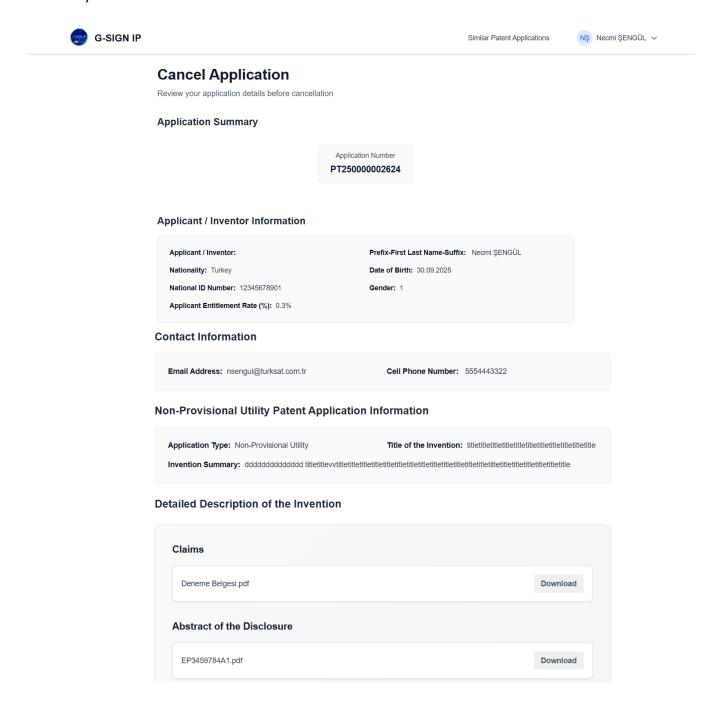


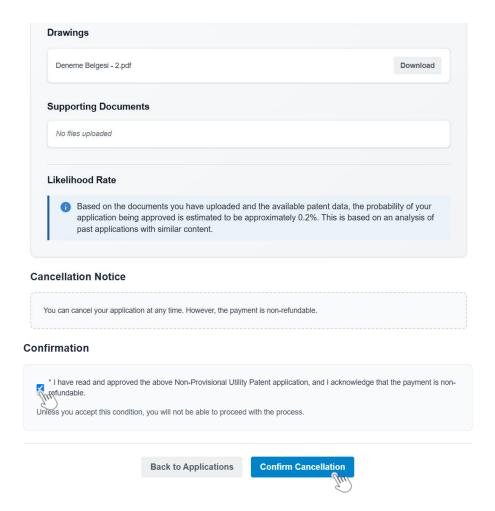
• To view the application form, click the "Application Form" button.



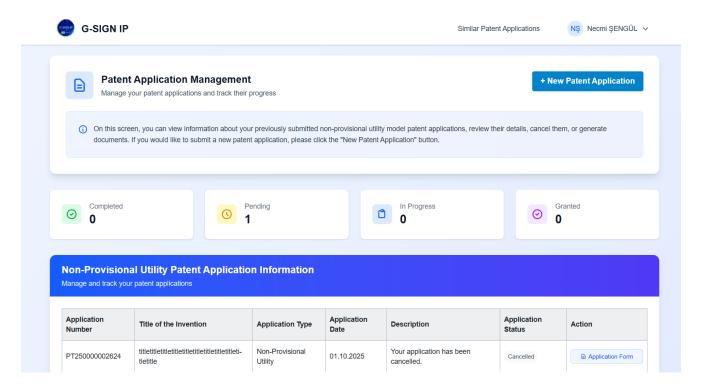
- After clicking the "Cancel" button, you can preview your application and read the information text.
- Once you confirm the statement "I have read and approved the above Non-Provisional Utility Patent
  application and accept that the payment is non-refundable." you can cancel your application by clicking
  the "Confirm Cancellation" button.

Note: Payments are non-refundable.





After clicking the "Confirm Cancellation" button, you can view the cancelled application in the table.



19