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APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
19/017,841	**01/13/2025 06:26:10 AM Z ET**	**-**

Title of Invention

Blockchain-Integrated Domain Parking and Data Storage System

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5932	FILED BY	Allan Wilson
PATENT CENTER #	68702316	FILING DATE	-
CUSTOMER #	–	FIRST NAMED INVENTOR	Allan Douglas Wilson
CORRESPONDENCE ADDRESS	Allan Douglas Wilson 1321 Upland Drive, unit 21311 Houston, TX 77043 US	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 5

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
Utility Patent Application-ABST.docx	4	Abstract	14 KB
Warning: The automatic document description has been replaced. The abstract contains more than one paragraph. Please review and revise if necessary. Images have been detected in the abstract section. Please review whether these images belong in the abstract section or not. Text must be in a single column. Please review and revise if necessary.			
Flowcharts.pdf	3	Drawings-other than black and white line drawings	658 KB
blockchain-domain-browser mockup.pdf	2	Drawings-other than black and white line drawings	182 KB
ADS.pdf	5	Application Data Sheet	151 KB

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Utility Patent Application.pdf	4	Auxiliary PDF of Application	158 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Utility Patent Application-ABST.docx	80BFD76C770F8681CB673C9B572527E8EB37F31A394E64C5540346A2562EF8108155021781FD2E8DA186778AA51512DDEE2B3293014BF91D2F5CC10AED88530B
Flowcharts.pdf	425AF061C79F83526C2014F415AC2FDA48BA3404AA1360E60795B50B4A82DDDEC61ED5FB613853673B39C9F5DC4733D518CDC912FB20DD75312B71C33C61EFEE
blockchain-domain-browser mockup.pdf	46EA3D2C1AE03315A0456B417F5AFD16062ADC116736460F7D61F430A3534A97D01A8CBC4292B7963E21C8557D1863F434F5F48E10CCA6E5EC91C436EB7758B4
ADS.pdf	0243C4D061CA7896AEEFEF6CFD77F2A4CB980568AA64197B141A4A7AC45709DB2F2AD9305B214BB81CE2DFEBD32FE3BDEB7686CBE141F0266507194816AE1872
Utility Patent Application.pdf	B202235EC972D7EDB35FAC4F1BAC12EC9D4D2B16ADB33851C16AF4194C865CB936A45F328FF9F8878A62E8EA35B602505C613851CD56D44355F0ACA0C84A26E7

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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Application Data Sheet 37 CFR 1.76

The Application Data Sheet is part of the provisional or non-provisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.

Inventor Information

of inventors: 1

1. **Mr. Allan Douglas Wilson**

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Application Information

Customer number	**204147**
Correspondence address	Allan Douglas Wilson 1321 Upland Drive, unit 21311 Houston, TX 77043 UNITED STATES
Title of invention	**Blockchain-Integrated Domain Parking and Data Storage System**
Attorney docket number	**---**
Entity status	---

Application type	Nonprovisional Application under 35 USC 111(a)
Subject matter	Utility
Total number of drawing sheets	4
Suggested figure for publication	---
Filing by reference	No
Publication request	Normal eighteen-month publication

Representative Information

of representatives: 0

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).

Data was not provided for this section.

Domestic Benefit/National Stage Information

of benefit claims: 0

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c), 386(c), or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Data was not provided for this section.

Foreign Priority Information

of foreign priority claims: 0

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the Application Data Sheet constitutes the claim for priority as required by 35 U.S.C. 119 (b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Data was not provided for this section.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

Checking this box will cause the application to be examined under the first inventor to file provisions of the AIA.

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013. NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 2016, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization or Opt-Out of Authorization to Permit Access

When this Application Data Sheet is properly signed and filled with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE:
This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. **Priority Document Exchange (PDX)**
Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual

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B. **Search Results from U.S. Application to EPO**

Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with the search results from the instant application.

NOTE:
Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Applicant Information

of applicants: 0

The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46.

Data was not provided for this section.

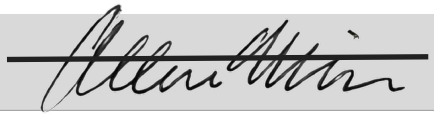
Assignee Information including Non-Applicant Assignee Information

of assignees: 0

An assignee-applicant identified in the "Applicant" section will appear on the patent application as an applicant.

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Data was not provided for this section.

Signature		/Allan Douglas Wilson/

NOTE:

This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c)**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See CFR 1.4(d) for the manner of making signatures and certifications.

Data was not provided for this section.

Blockchain-Integrated Domain Parking and Data Storage System

First filed with USPTO on 1/13/2025, APPLICATION # 19/017,841

Author: Allan Douglas Wilson

Abstract

A blockchain-integrated domain parking system combines secure data storage, targeted advertising, and cryptocurrency-based incentives. Utilizing a Proof-of-Stake blockchain network with IPFS integration, the system enables parked domains to serve as both revenue-generating and utility-driven assets. The system features a subscription-based storage model, AI-optimized advertising, and smart contracts for managing subscriptions and rewards, offering a novel approach to domain monetization and decentralized data storage.

Background of the Invention

The invention relates to systems and methods for domain parking, data storage, and revenue generation. Existing domain parking services focus primarily on advertising revenue without providing substantial utility for the domains themselves. Simultaneously, the demand for secure, scalable, and decentralized data storage solutions is increasing. The disclosed invention integrates blockchain technology with domain parking services, offering enhanced utility and monetization opportunities through tiered storage subscriptions, cryptocurrency rewards, and targeted advertising.

Summary of the Invention

This invention provides a system and method that integrates blockchain technology (Fig.1G) into domain parking platforms (Fig.1E, Fig.2A), to enable secure data storage

(Fig.1C, Fig.3B), targeted advertising (Fig.1F, Fig.3E, Fig.3C) and cryptocurrency-based incentives (Fig.2C, Fig.3D). Key features include:

- A domain parking platform that hosts parked domains using customizable templates (Fig.4) and integrates advertising modules (Fig.1F, Fig.3E, Fig.3C) for revenue generation (Fig.3D).
- A blockchain-based storage network employing Proof-of-Stake (PoS) protocols and InterPlanetary File System (IPFS) (Fig.1D) for decentralized, secure, and scalable data storage (Fig.3B).
- A tiered subscription model (Fig.2D, Fig.3A) for domain owners, providing storage options (Fig.1C, Fig.2D, Fig.3A) based on content types such as text files, images, videos, and spreadsheets.
- A cryptocurrency reward system (Fig.3D) tied to the PoS blockchain (Fig.1G), incentivizing domain owners (Fig.1A) to participate in the platform.
- AI-driven optimization tools for targeted advertising (Fig.1F, Fig.3E, Fig.3C) on parked domains (Fig.1E).

Drawing and Labeled Figure Descriptions

Fig.1 depicts the advertising optimization process and data flow.

[Figure 1: A diagram titled "ADVERTISING OPTIMIZATION - BLOCKCHAIN Fig.1" showing components including Parked Domains (Fig.1E), Ad (Fig.1B), Node Blockchain File System (Fig.1A), IPFS Nodes (Fig.1D), Parked Domains File System (Fig.1C), Node (Fig.1F), Blockchain (Fig.1G). It illustrates data flow from parked domains through IPFS to a parked domains file system, with advertising optimization involving blockchain nodes.]

Fig.1A 'Domain Owner (user) Interface': Domain Owners (users) subscribe with smart contracts to manage domain storage plans with blockchain integration and receive tokenized rewards.

Fig.1B 'Node': Blockchain is distributed across nodes and special nodes responsible for

Blockchain is distributed across nodes and special nodes responsible for

decentralized linking functions.

Fig.1C 'Client storage Interface': Clients sign up and manage immutable blockchain data storage via web interface with tiered subscription plans and tokenized payment options.

Fig.1D 'IPFS': Blockchain is hosted on 'Parked' domains linked by the IPFS or similar custom-developed system distributed across nodes and special nodes.

Fig.1E 'Parked Domains': Domains are unparked to integrate into new parking model for displaying ads and reselling blockchain data storage on domains.

Fig.1F 'On-domain Advertising': Internet Ads displayed off-chain on Domain Owner (user) domains using 3rd party ad services or custom-developed application.

Fig.1G 'Blockchain': Secure and immutable decentralized storage system comprised of connected nodes and users with tokenized proof-of-stake (PoS) sign-up.

Fig.2 shows a flowchart depicting the subscription and reward process workflow.

Fig.2A 'Domain Parking Module': Domains unparked from registries integrated into the new domain parking model with user interfaces for sign-up and account management.

Fig.2B 'Blockchain Network': Comprised of IPFS or similar custom-developed system and tokenized proof-of-stake blockchain.

Fig.2C 'Smart Contracts Module': Contract automation for client and user subscribers with payment processing and token rewards.

Fig.2D 'Storage Tiers: Subscription-based storage and data management interface.

Fig.3 is a system architecture diagram illustrating the integration between domain parking platform, blockchain network, and storage components.

Fig.3A 'Subscription Process': Clients sign up for immutable blockchain data storage with tiered subscription plans and tokenized payment options.

Fig.3B 'Data Storage': Data stored on the blockchain manageable with client interface.

Fig.3C 'Advertising Process': AI Optimized Ads displayed on parked domains for second passive revenue stream through 3rd party company or custom developed.

Fig.3D 'Reward System': Domain Owners (users) subscribe with contracts to manage

Domain Owners (users) subscribe with contracts to manage domain

storage with blockchain integration and receive tokenized rewards.

Fig.3E 'AI-Optimized Advertising': Custom or 3rd party application displaying paid ads on system domains.

Fig.4 illustrates the user interface and client dashboard showing key management features.

Fig.4A ‘Domain Owner Control Center’ (user interface): Displays token rewards, ad revenue, and storage use, and domain & ad configuration.

Fig.4B ‘Blockchain Data Access Portal’ (client interface): Provides options for searching Blockchain data, and a description of storage plan and management options.

Claims

1. A blockchain-integrated domain parking system comprising: a. A domain parking platform configured to host parked domains and display customizable templates; b. A blockchain storage network employing a Proof-of-Stake protocol and IPFS to securely store data linked to parked domains; c. A tiered subscription model offering storage plans based on data type and size; d. An advertising module utilizing AI to display targeted ads on parked domains; e. Smart contracts for managing subscription fees, ad revenue distribution, and cryptocurrency rewards.
2. The system of claim 1, wherein the blockchain network provides: a. Encrypted, immutable storage accessible via user credentials.
3. The system of claim 1, wherein the cryptocurrency reward system distributes PoS tokens to domain owners based on: a. Subscription level; b. Domain activity and engagement.
4. The system of claim 1, further comprising a dashboard for: a. Monitoring ad revenue; b. Managing storage plans; c. Viewing cryptocurrency earnings.
5. The system of claim 1, wherein the advertising module employs: a. AI-driven algorithms for contextual and behavioral targeting.

Application Data Sheet

Inventor Information

of inventors: 1

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Application Information

Customer number: 204147

Correspondence address: Allan Douglas Wilson, 1321 Upland Drive, unit 21311, Houston, TX 77043, UNITED STATES

Title of invention: Blockchain-Integrated Domain Parking and Data Storage System

Attorney docket number: ---

Entity status: ---

Application type: Nonprovisional Application under 35 USC 111(a)

Subject matter: Utility

Total number of drawing sheets: 4

Suggested figure for publication: ---

Filing by reference: No

Publication request: Normal eighteen-month publication

Representative Information

of representatives: 0

Domestic Benefit/National Stage Information

of benefit claims: 0

Foreign Priority Information

of foreign priority claims: 0

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

[No box checked; application to be examined under first inventor to file provisions if applicable.]

Authorization or Opt-Out of Authorization to Permit Access

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s) A. Priority Document Exchange (PDX): Unless box A in subsection 2 is checked, authority granted to USPTO to provide access to EPO, JPO, KIPO, SIPO, WIPO, and other participating offices. B. Search Results from U.S. Application to EPO: Unless box B in subsection 2 is checked, authority granted to provide EPO access to search results.
2. Opt-Out of Authorizations: [Boxes not checked.]

Applicant Information

of applicants: 0

Assignee Information including Non-Applicant Assignee Information

of assignees: 0

Signature: /Allan Douglas Wilson/

Company Description

Roën is the world's first blockchain-integrated domain parking service that revolutionizes how parked domains generate value by creating dual revenue streams through

decentralized storage and traditional monetization. The company's patent-pending technology transforms the global network of over 200 million parked domains into decentralized storage infrastructure specifically designed for Web3 applications and immutable ledger systems.

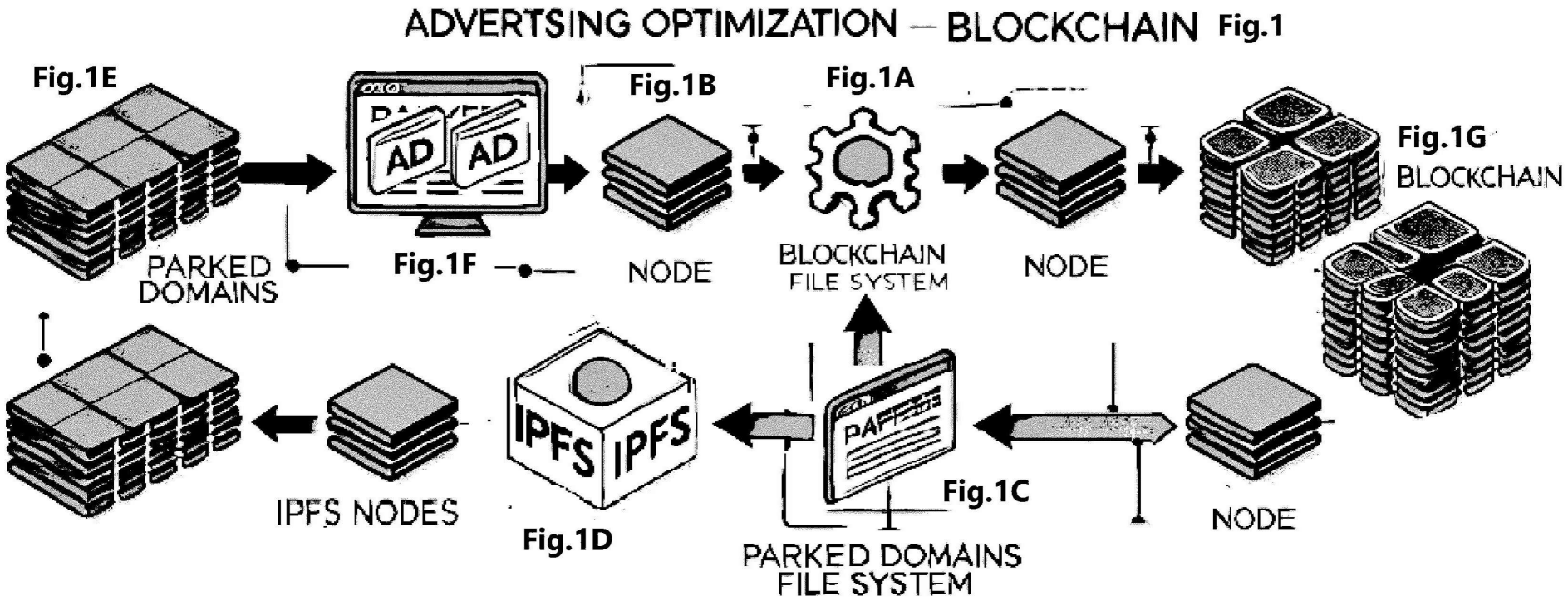
Unlike traditional blockchain storage solutions that rely on consumer hardware with inherent privacy and reliability concerns, Roën utilizes dedicated hosting infrastructure through parked domains to deliver enterprise-grade security and stability while maintaining pure decentralization. This innovative approach addresses critical challenges facing financial institutions by providing enhanced security through immutable ledger storage distributed across decentralized nodes, eliminating the vulnerabilities and instability associated with consumer-grade hardware dependencies.

By leveraging the vast untapped potential of parked domains, Roën offers a fundamentally different and more reliable approach to blockchain storage that bridges the gap between traditional web infrastructure and the emerging Web3 ecosystem.

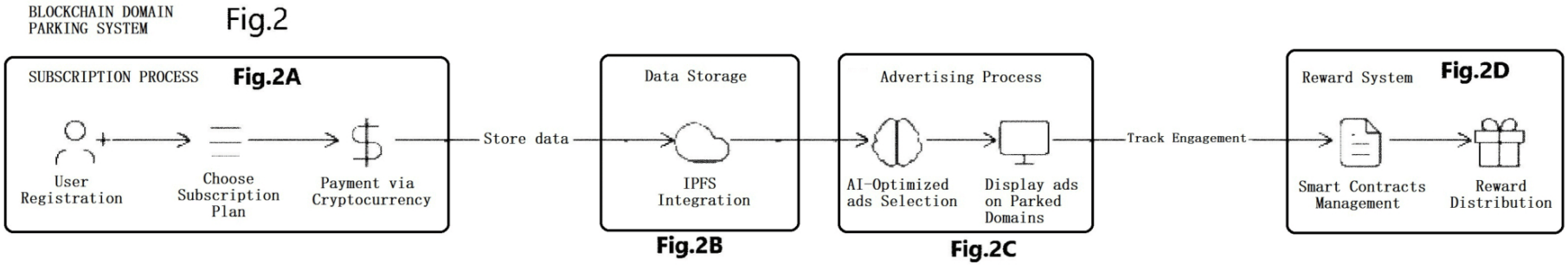
References

1. RoënSpace Company Description. Retrieved from https://roën.space on August 23, 2025.
2. RoënSpace Company Description. Retrieved from https://ehire.co.site on August 23, 2025.
3. Roën LinkedIn Company Profile. Retrieved from https://www.linkedin.com/company/107139381/ on August 23, 2025.

“Replacement Sheet”
Title: ″Blockchain-Integrated Domain Parking and Data Storage System″
Inventor: Allan Douglas Wilson
Application No. 19/017,841

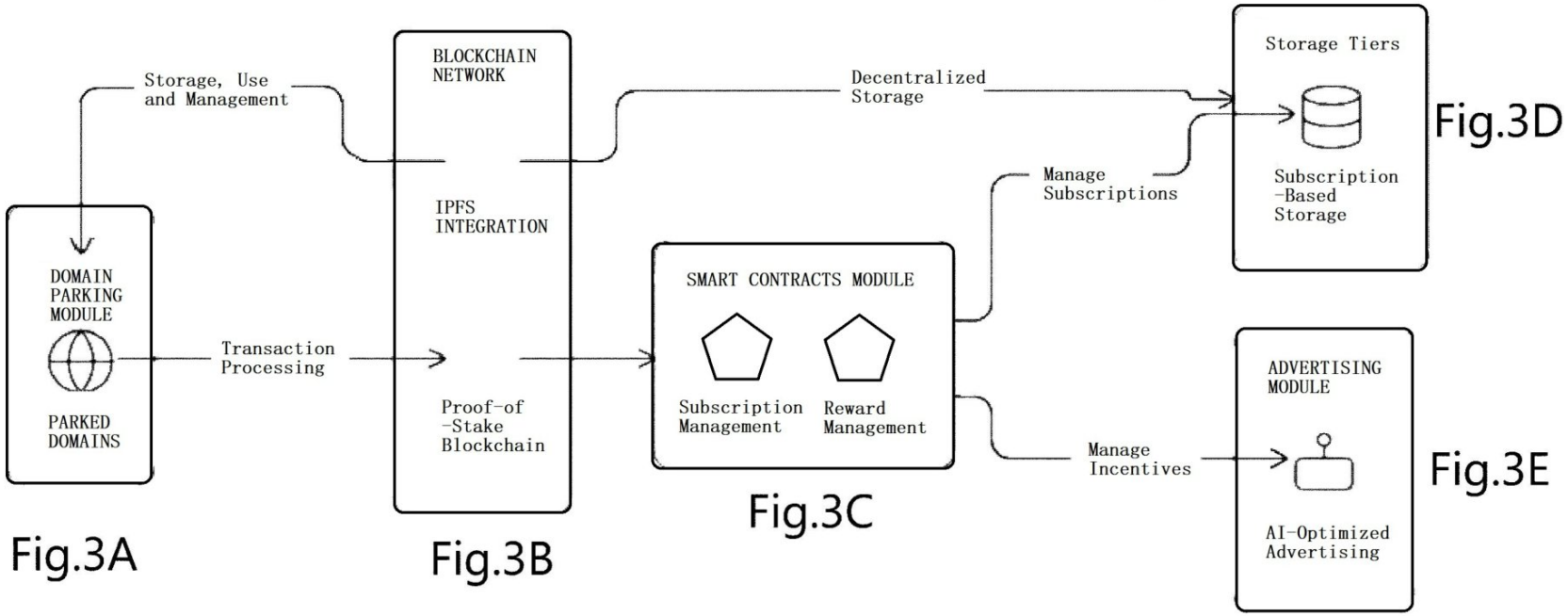


“Replacement Sheet”
Title: ″Blockchain-Integrated Domain Parking and Data Storage System″
Inventor: Allan Douglas Wilson
Application No. 19/017,841



“Replacement Sheet”
Title: ″Blockchain-Integrated Domain Parking and Data Storage System″
Inventor: Allan Douglas Wilson
Application No. 19/017,841

Blockchain-Integrated Domain Parking System Architecture Fig.3



"Replacement Sheet"
Title: "Blockchain-Integrated Dor
Parking and Data Storage System"
Inventor: Allan Douglas Wilson
Application No. 19/017,841

Fig.4 Domain Owner Portal Subscriber Access

Fig.4A

Token Rewards

1,234 TKN
+12% this month
Auto-staking enabled

Ad Revenue

486 TKN
89% fill rate
Smart bidding active

Storage Usage

845 GB
72% utilized
IPFS integrated

Domain & Ad Configuration

example.com

Ad Revenue: 245 TKN • Storage: 45 GB

Smart Contracts: 3 active

Ads Storage

domain.net

Ad Revenue: 198 TKN • Storage: 128 GB

Smart Contracts: 2 active

Ads Storage

Fig.4B

Blockchain Data Search

Enter domain or data has All Types Search

Popular: Smart Contracts Recent: IPFS Trending: NFTs

Storage Subscription

Fig.4B

Premium Data Access Plan

500 GB Storage • Unlimited Queries

Smart Contract Access: Enabled

Next payment: 45 TKN on Feb 1

Manage Plan

main

Current Usage

328 GB of 500 G

Query Credits

Unlimited remaining