

[DTE1] U.S. Patent Application US20220237111A1

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Reference

Stavros, Robert; Turek, Bryan; and Stavros, Ian. *Distributed Immutable Data Object Testing*. U.S. Patent Application Publication No. US20220237111A1. Filed 18 January 2022. Published 28 July 2022. Assignee: DIDO Solutions, Inc.

Bibliographic Information

Attribute	Value
Reference Identifier	[DTE1]
Title	Distributed Immutable Data Object Testing
Publication Number	US20220237111A1
Application Number	US17/578,432
Inventors	Robert Stavros; Bryan Turek; Ian Stavros
Applicant and Assignee	DIDO Solutions, Inc.
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Patent Grant Date	10 September 2024

Source Access

The published patent application is available from:

- [Google Patents — US20220237111A1](#)

The subsequently granted U.S. patent is available from:

- [Google Patents — US12086057B2](#)

Relevance to DIDO-TE

This reference describes systems, methods, and apparatus for testing nodes within a Distributed Immutable Data Object environment.

The patent application provides source material for DIDO-TE concepts associated with:

- Test environments
- Nodes and virtual nodes
- Twin Nodes
- Virtual networks and communication
- Test definition and execution
- State and time control
- Recording and playback
- Baselines and comparisons
- Monitoring and collection of test information

Use this reference to establish conceptual provenance. Do not treat descriptive or claimed patent content as a normative DIDO-TE requirement unless Annex C derives and records the requirement explicitly.

Citation Use

DIDO-TE pages cite this reference using:

[\[DTE1\]](#)

When citing a specific passage, identify the applicable claim, paragraph, figure, or section. For example:

```
[[dido:03-dido-te:99-annexes:annex-b-references:dte-001|[DTE1]]], paragraph 0042.
```

or:

```
[[dido:03-dido-te:99-annexes:annex-b-references:dte-001|[DTE1]]], Claim 1.
```

Status

US20220237111A1 is the published patent application. The United States Patent and Trademark Office subsequently granted U.S. Patent US12086057B2 on 10 September 2024.

The application publication remains a stable historical reference. Citations that depend upon the granted claims should cite US12086057B2 explicitly.

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When deriving a DIDO-TE requirement from this source, identify the precise paragraph, claim, figure, or section in the requirement's `Derived From` section.

Patent claims define the legal scope of the protected invention. Descriptive passages, figures, embodiments, and claims serve different purposes and should not be treated as interchangeable sources.

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