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FareWitness Announces U1 and U2 Patent Filings for Its Instrumented Truth and Verification Architecture

Patent filings advance FareWitness technology from the minimum transaction of reality through hardware-anchored verification, persistent evidence preservation, governance and trusted-state recovery.

BERTHOUD, COLORADO — August 18, 2026 — Fare Witness Ltd. announced a major intellectual-property milestone with the filing of its FareWitness U1 and U2 patent applications, advancing a patent portfolio developed around a fundamental challenge of the AI era:

How do you establish what was real when digital representations of reality can no longer be trusted by appearance alone?

FareWitness approaches that problem differently from technologies designed primarily to detect manipulated content after the fact.

Deepfake detection starts with the questionable artifact. FareWitness starts with reality.

At the foundation is an **instrumented truth process designed to operate at the minimum transaction** — the smallest consequential occurrence, observation, action, measurement, decision, transfer or change of state for which establishing reality matters.

A camera captures an event.

A sensor records a measurement.

A person makes or accepts a decision.

An AI agent recommends an action.

Ownership changes.

A machine changes state.

Evidence is created.

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A protected record is retrieved.

A trusted system state is recovered.

Each can represent a transaction in reality.

FareWitness is being developed to establish and preserve a verifiable proof path beginning with that transaction rather than requiring a person, organization or artificial intelligence system to reconstruct reality later from whatever digital artifacts remain.

U1 — The Foundational FareWitness Truth Process

On August 17, 2026, the foundational FareWitness U1 U.S. nonprovisional utility patent application was electronically filed with the United States Patent and Trademark Office.

U.S. Patent Application No. 19/778,364

Title:

**SYSTEMS AND COMPUTER-IMPLEMENTED METHODS FOR A
HARDWARE-ANCHORED TRUTH PROCESS, REALITY MARKING, PERSISTENT
EVIDENCE PRESERVATION, VERIFICATION, GOVERNANCE, CONTROLLED
RETRIEVAL, AND TRUSTED-STATE RECOVERY**

U1 brings together the foundational architecture through which FareWitness establishes a continuing relationship between reality and the evidence subsequently relied upon to represent it.

That progression can be expressed simply:

Reality Moment → Reality Checkpoint → Reality Map

A Reality Moment begins with an occurrence or state for which evidence can be established.

Through the FareWitness process, that moment can become a Reality Checkpoint — preserving evidence associated with what occurred and providing mechanisms through which its integrity and subsequent use can be verified.

Successive checkpoints can form a Reality Map: a continuing verifiable path connecting reality with preserved facts of reality over time.

The objective is not another database containing things claimed to be true.

The objective is an instrumented process through which consequential reality can produce evidence capable of being **preserved, verified, governed, retrieved and, where applicable, used to recover trusted state.**

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U2 — Extending the Architecture

FareWitness U2 extends the intellectual-property architecture into additional verification, Guardian-assisted operation, protected evidence handling and xpR trusted-state recovery concepts.

Together, U1 and U2 address different but complementary portions of the FareWitness architecture.

U1 establishes the foundational truth process.

U2 extends how protected evidence and verified state can participate in a broader verification and recovery architecture.

The result is not intended to be another storage platform or conventional backup system.

FareWitness is developing a process through which evidence can remain associated with its verified history, authority and state while supporting controlled use, verification and recovery.

From Deepfakes to the Verification Age

The FareWitness work began with the problem exposed by synthetic and altered media.

If an image, video, voice or document can be convincingly manufactured, appearance alone can no longer establish reality.

But identifying a fake after it has been distributed addresses only part of the problem.

The larger question is:

Can we establish what was real in the first place?

FareWitness was conceived around that question.

The implications extend well beyond media.

Whenever a consequential decision depends upon a digital record accurately representing an event, object, action or state, the same underlying problem exists.

That includes potential applications involving digital evidence, property, insurance, scientific observations, industrial systems, business records, AI-assisted decisions, cybersecurity, recovery, machines and physical assets.

At the minimum transaction, the fundamental questions remain remarkably simple:

Who made it?

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When was it made?

How was it made?

What is it?

Where was it made?

Who owns it?

And what happened to it afterward?

Building the Proof Path

The Internet made information universally distributable.

Artificial intelligence is making information universally producible.

FareWitness believes the next requirement is making consequential information **verifiable**.

The question of the Verification Age will increasingly cease to be:

“Does it look real?”

It will become:

“Can you prove it?”

That is the purpose behind the expanding FareWitness patent portfolio and the U1 and U2 filings.

Reality Moment → Reality Checkpoint → Reality Map

Truth → Proof → Trust

FareWitness

Protecting Reality: The State and Condition of Everything.

About FareWitness

Fare Witness Ltd. is developing FareWitness and xpR technologies for hardware-anchored truth processing, reality marking, persistent evidence preservation, verification, governance, controlled retrieval and trusted-state recovery. The architecture is being developed around a human-centered principle: consequential digital information

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should have a verifiable proof path rather than requiring humans or artificial intelligence systems to infer reality solely from the digital artifact presented to them.

Patent applications pending.

For more information

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