Blockchain technology: does it impact IP?

EPO – PATLIB 2018
Pascal ASSELOT, IPwe
Ljubljana, May 3rd 2018

WHERE SHOULD WE FOCUS THIS YEAR? “BLOCKCHAIN”
IT WILL CHANGE EVERYTHING.
EVERYBODY IS TALKING ABOUT IT.

THE POTENTIAL APPLICATIONS ARE ENDLESS.
WE DON’T WANT TO BE LEFT BEHIND.
WHAT EXACTLY IS BLOCKCHAIN?
ALSO, “ARTIFICIAL INTELLIGENCE”
Introduction

15 years of experience in the patent industry

Mostly in Patent Assertion Entities
private
state-owned

Heavy user of Patent Intelligence tools

Last 12 months spent in a Blockchain for Patents project

Agenda

Blockchain Technology

Blockchain and IP

Blockchain and IP today

IPwe experience
What is meant when we talk about blockchain?

Blockchain is not equal to Bitcoin
Blockchain is not equal to ICO
Blockchain is a technology

Blockchain main concepts

- Distributed Ledger
- No central authority
- Cryptographic functions
- Smart Contracts
Blockchain Benefits

- Un-hackable
- Immutable
- Allow trade
- Allow various governance schemes
- Auditable
- Transparent
- No (less) intermediaries
- Customizable

Blockchain Use Cases
(non financial)

Blockchain as a Service
- Microsoft
- IBM
- Deloitte
- Ethereum

Compliance and security
- Chainalysis
- ThirdKey
- Solutions
- Tracle
- Yahoo
- Eilliptic
- Colna
- Sig3
- Blocksec
- Cryptocorp
- Blockverify

Traceability of food products and supply chain
- Provenance
- Skuchain
- Factors
- JobMarket
- Verbatim
- Appi
- Satochi Talent
- Coinality

Real Estate recording
- Ubiquity
- Silvertown Dubai
- Land Department

Gaming and Gambling
- Etheria
- FirstBlood
- Etherand
- FreeMyWank
- CoinPalace
- Etheroll
- Rollin
- Ethereum
- JobMarket

Digital identity
- Keychain
- 2FA
- WACO
- ShoCard

Gaming and Gambling
- Etheria
- FirstBlood
- Etherand
- FreeMyWank
- CoinPalace
- Etheroll
- Rollin
- Ethereum
- JobMarket

Software Licensing
- License
- rocks

Collaboration
- Colony
- Rider-share

Arcade city
- La Zooz

ESports
- FirstBlood

Mining
- Waves

Infrastructure Platform
- Xnotes
- Alliance
- Tymple
- Symbiant
- Sofocle
- Pragmatic
- Coders
- OTCXN

Blockchain
- Nuco
- Monas
- Libra
- Interbit
- Credits
- Colu
- Chiffres
- ChromaWay

ChainThat
- Chain Reactor
- Blockverify

Network Infrastructure
- ChromaWay
- Media
- Public
- Diamonds
- Everledger

Data Management
- Factom
- PeerNova

Operating System
- BloqEnterprise
- BOLOS
- EOS
- DeOS
- GemOS
- Vault OS

Government
- BITNATION
- Borderless
- Otonomos
- BoardRoom

Birth and Death certificates
- Khanections

E-Voting
- Follow my vote
- Estonia’s e-Residency platform

Decentralized Social Network
- DigiCENT
- Diaspora
- Akasha
- Synereo

Energy
- Energy Blockchain Labs
- Grid
- Singularity
- L03

Energy
- Authorship
- and ownership

Bitproof
- Blockai
- Stampery
- Verisart
- Monegraph
- Cryptocopyright

OriginalMy
- Crypto Proof of Existence
- Adscribe
- Pla.et
Blockchain and IP

- Music
- Copyrights
- Patents
- Evidence of the rights
- Record keeping
- Register and clear rights
- Control and track the distribution/trade of rights
- Establish IP contracts

IPwe Experience

The Global Patent Registry
Zuse Analytics
IPwe Platform
Transparency of Ownership
Power of artificial intelligence
Seamless transactions
Blockchain for Patents

Block1: » Patent Office O1 has granted Patent Owner E1 with Patent P1 »
Block2: » Patent Owner E1 has paid annuities to Office O1 in regards of Patent P1 »
Block4: » Patent Owner E1 has transferred Patent P1 to Patent Owner E2 »

Benefits

• Transaction Consistency
• Transparent
• Reduction in complexity
Bad News

• Processing Power
• Speed of Transactions
• Skills

Further down the Road

• Network Effect
• Ecosystem
• Governance