



## Use of Blockchain in Intellectual Property

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April, 2018

# Blockchain; Distributed Ledger Technology

Individuals



Companies



Governments



Everyone has separate databases

Each keeps data separately

Centralized

Deniable



Everyone has the same distributed ledger (database)

Keep data in a single block

Secure

Undeniable

Distributed

Peer to Peer



# Use of Blockchain in IP

- Registration
- Tracking
- Asset Transfer
- Worldwide Database
- Peer to Peer payments in real-time to IP owners
- Proof of Existence - Proof of Ownership

+ more...

Smart Contracts

Licensing

Distribution

Rights Management

Distribution of Liability

All other IP contracts



190+  
Trademark and  
Patent Offices  
+ Madrid-Wipo



Single Recognised  
Blockchain  
Ex: Bitcoin, Ethereum or another  
one that is dedicated to this field

### Current System

### Blockchain

Registration

Each keeps registration and all other data separately

Keep registration and all other data in a single block

Tracking

Each Tracks separately

Tracking in a single block, worldwide

Asset Transfer

Transferable - Only with pages of paper contracts

Transferable - in seconds with smart contracts

Worldwide Database

Unorganized and incompatible with other organisations

Very well organised in blockchain network

Security

Security Risks

Secure, distributed ledger technology; Blockchain

Speed

Too many bureaucracy for local and international applications

Real-time

Distribution & Payment

Contract base, bank payments over distributors

Real time Smart Contracts - Real-time Peer to Peer payments

Cost

Very expensive especially for international applications

Cost effective

Payments

Peer to Peer micro payments to owner is not available.

Peer to Peer micro payments to owner is available.



160+ Copyright Offices  
+Bern Convention  
Courts all around the world  
Notaries all around the  
world



Single Recognised  
Blockchain  
Ex: Bitcoin,Ethereum or another  
one that is dedicated to this field

### Current System

### Blockchain

#### What They Do

Traditional Proof of Existence

Real-Time Proof of Existence

#### Registration

No registration, authorities keeps proof of existence data separate

Keep hash in an single block or a few public blockchain

#### Tracking

Each Tracks separately

Tracking opportunity available

#### Asset Transfer

Non Transferable - Only with pages of paper contracts

Transferable - Real-Time with smart contracts

#### Worldwide Database

Unorganized all over the World, Bern Convention without database

Very well organised in blockchain network

#### Security

Security Risks - Fraud Risk no genuine check

Secure, distributed ledger tech.; Blockchain - Proof of genuine

#### Speed

Too many bureaucracy for local and international applications

Real-time

#### Distribution & Payment

Contract base, Bern convention base contracts and bank payments over distributors

Real time Smart Contracts - Real-time Peer to Peer payments

#### Cost

No way for an international application. Very expensive because of distribution costs.

Cost effective, no distribution cost, peer to peer

#### Payments

Peer to Peer micro payments to creator is not available.

Peer to Peer micro payments to creator is available.



# Which Blockchain Protocol?

- Legal?  
*Not legal right now  
and it takes time*
- Stability?  
*Not stable*
- Future?  
*Don't know*

## Which Blockchain Protocol?

### Public Blockchain

- Bitcoin, Ethereum, Litecoin or  
?

### Private Blockchain

- Ripple or ?



## What is the best Practice?

- Best practice for now
- Best practice for future
- Stability

Lets see international awards  
winning use case;

Proofstack (Formerly Copyrobo)





Techcrunch “... 3 most promising blockchain startup...”

Reuters “... special recognition in Dubai...”

Inc. “... copyright infringement...”

NTV “...Presentation at State of Duma...”

Milliyet “...World Digital Single Market...”

Sabah “... Anima İstanbul&Proofstack...”





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Thank You..

