

The United States of America

new and useful in-
vention of the invention are enclosed.
ments of law have been complied with, and it
has been determined that a patent on the in-
vention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent
the right to exclude others from making, using,
offering for sale, or selling the invention
throughout the United States of America or im-
porting the invention into the United States of
America for the term set forth below, subject
to the payment of maintenance fees as provided
by law.

If this application was filed prior to June 8,
1995, the term of this patent is the longer of
seventeen years from the date of grant of this
patent or twenty years from the earliest effec-
tive U.S. filing date of the application, subject
to any statutory extension.

If this application was filed on or after June 8,
1995, the term of this patent is twenty years from
the earliest filing date, subject to any statutory ex-
tension. If the application contains a specific
claim under 35 U.S.C. 120, 121 or 365(e),
the term of the patent is twenty years from the
date on which the earliest application was filed,
subject to any statutory extensions.

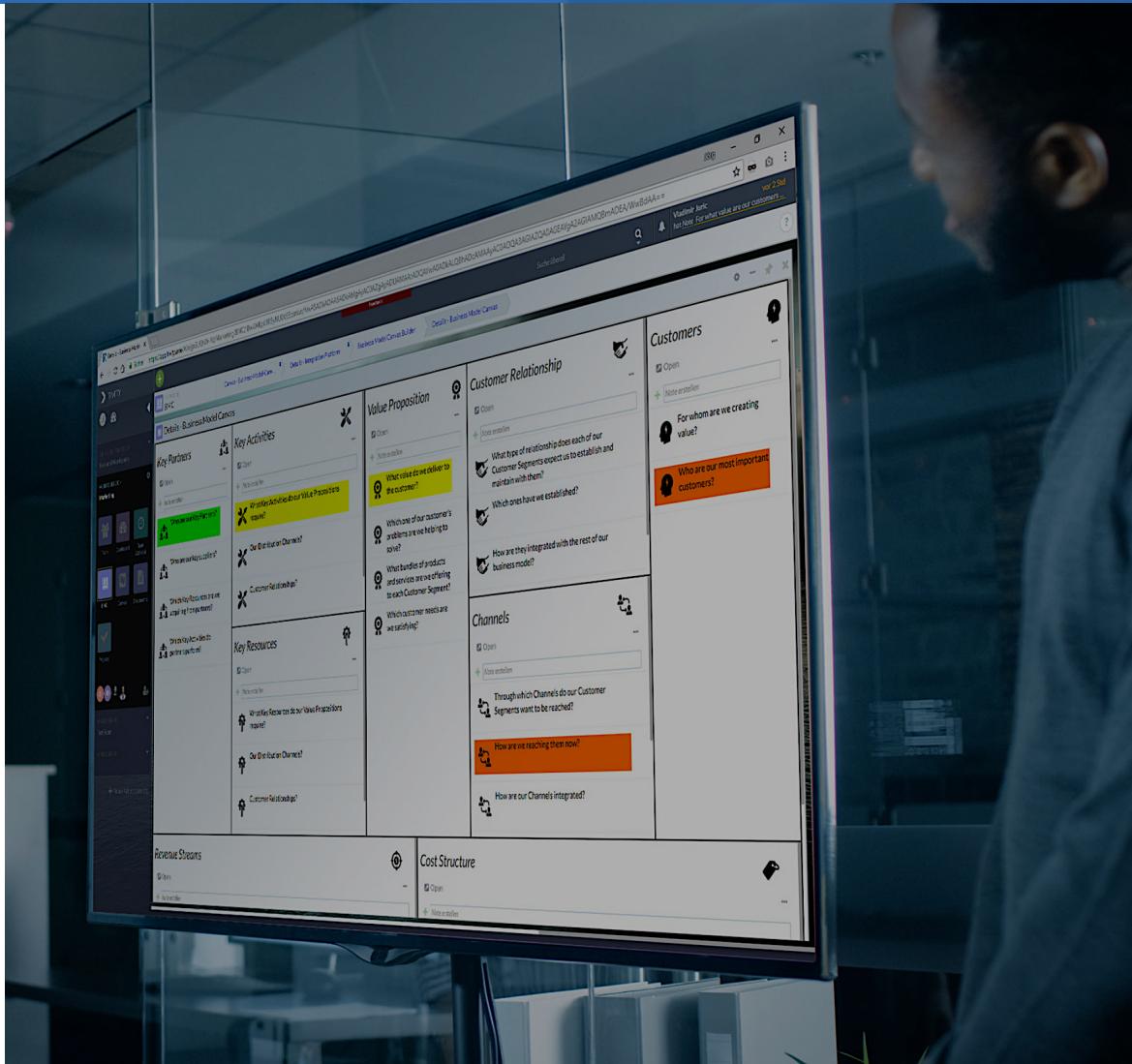
James H. Karr
Signature

Patent Hub

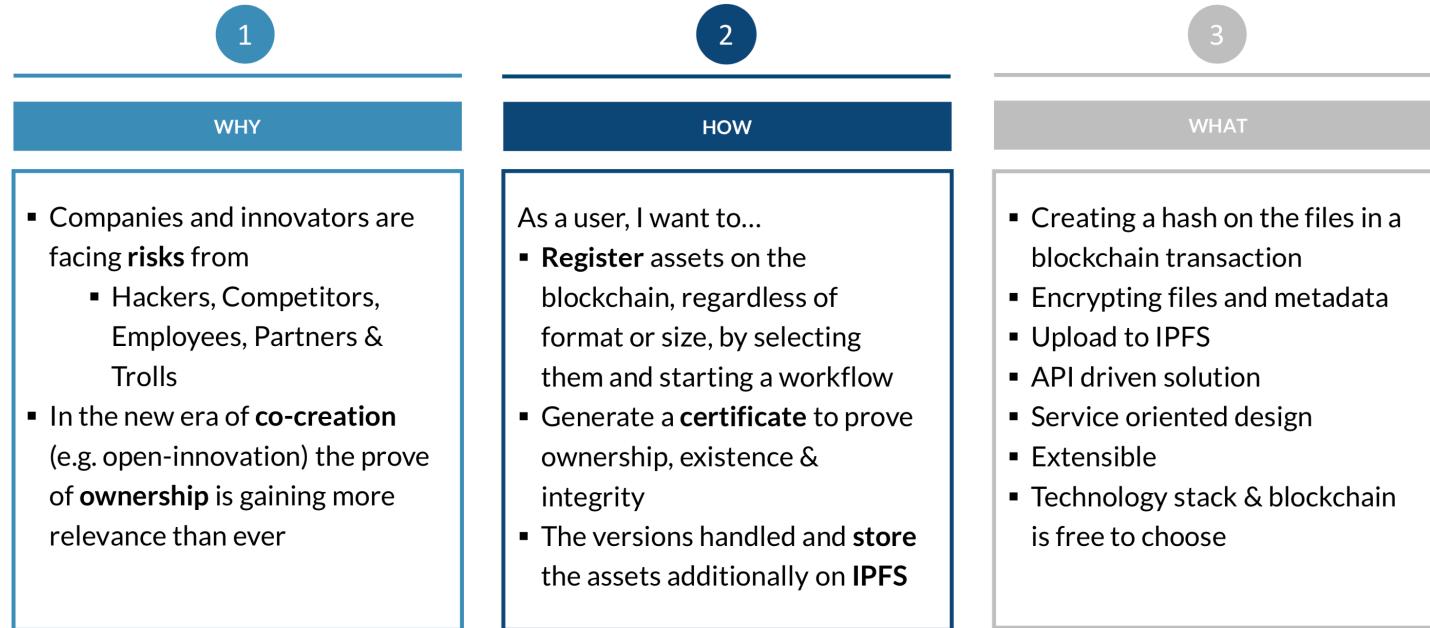
Mid Term Presentation
by Korbinian Baumer, Luca Della Libera and Jan Wasgint

What Tivity has

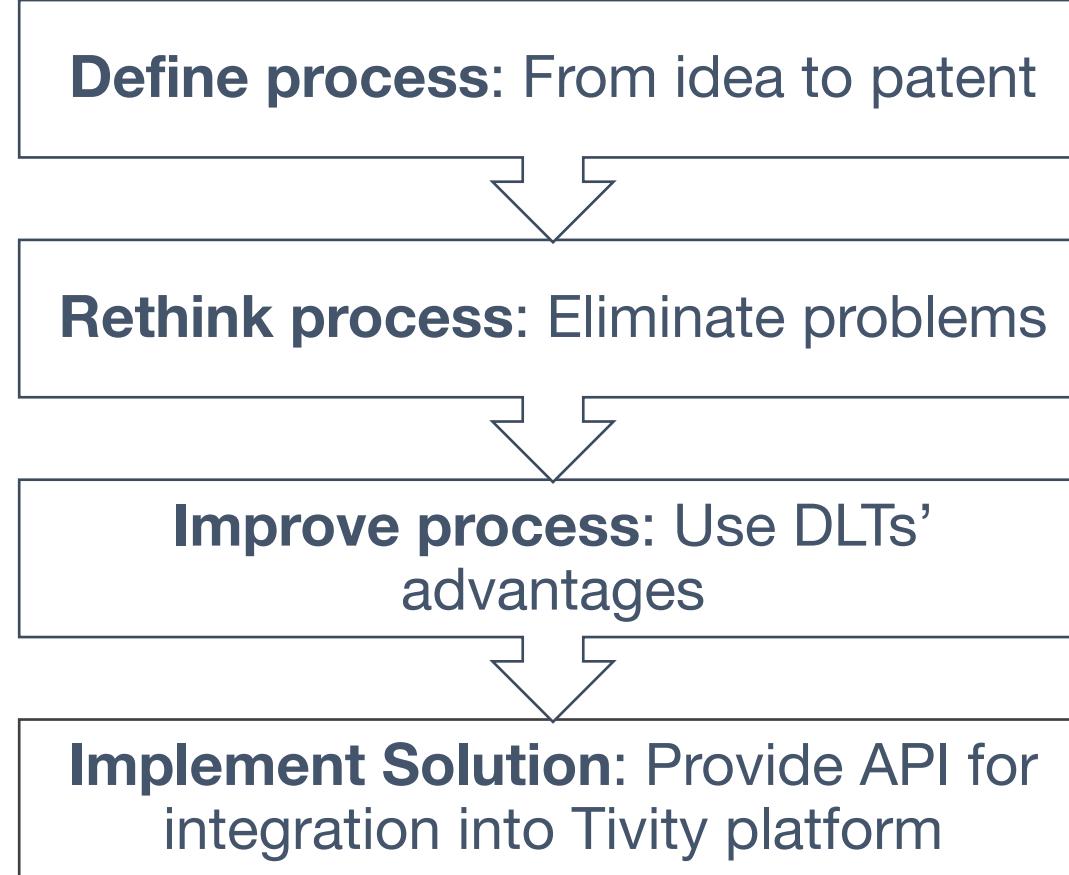
- All-in-one no-code platform for every purpose
- Ideation/Innovation management tools
- Partners in IP management
- Different patent management applications



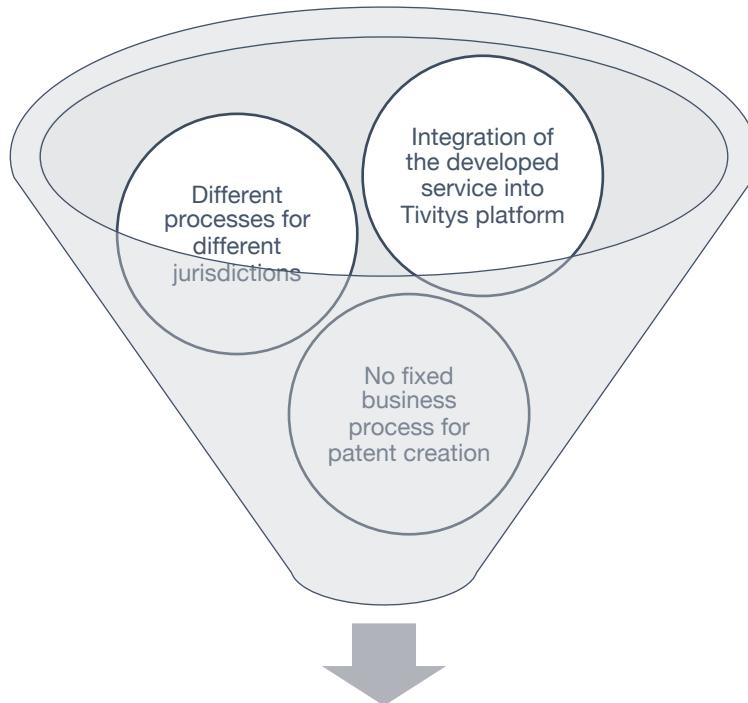
What Tivity wants



What we do

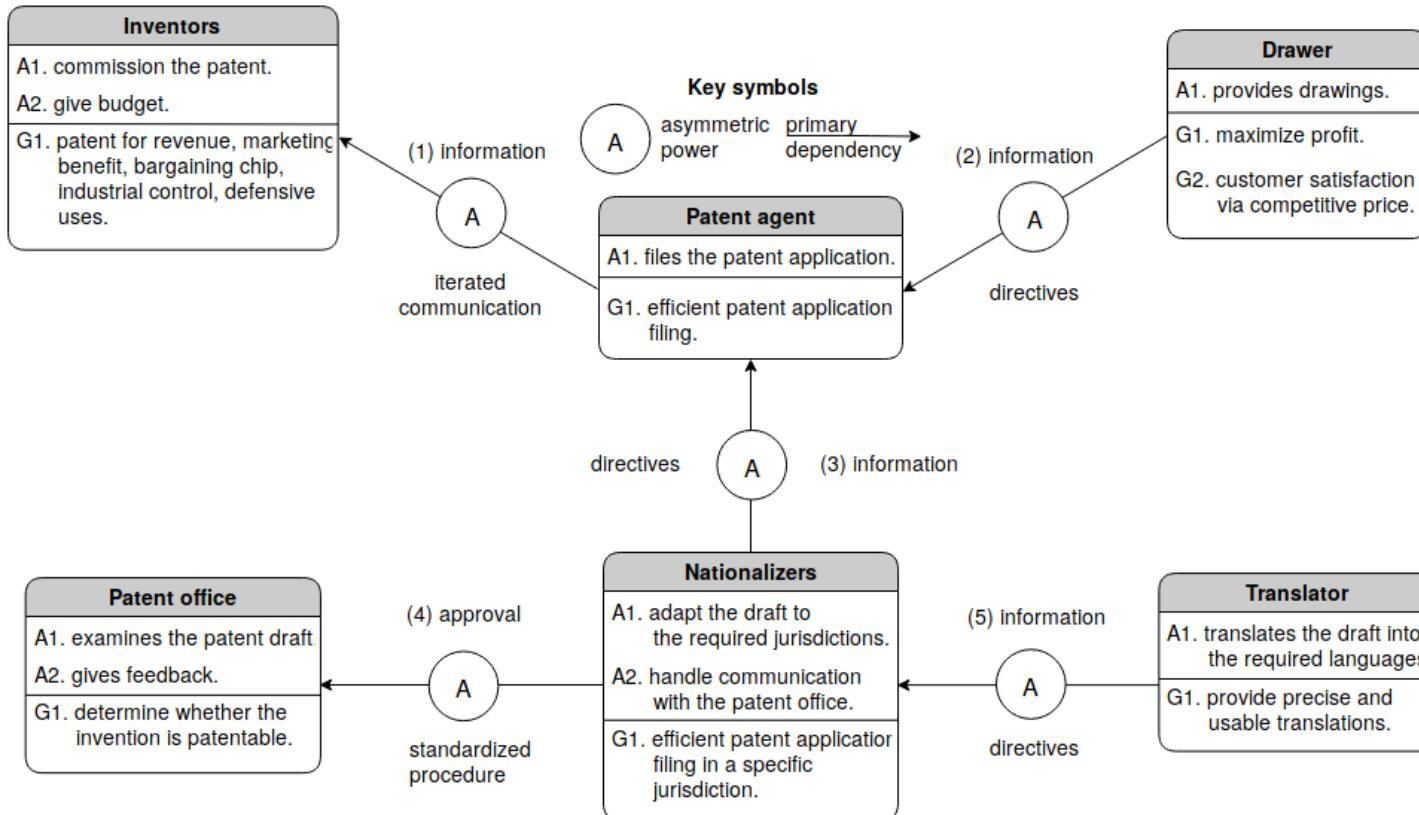


Finding the process



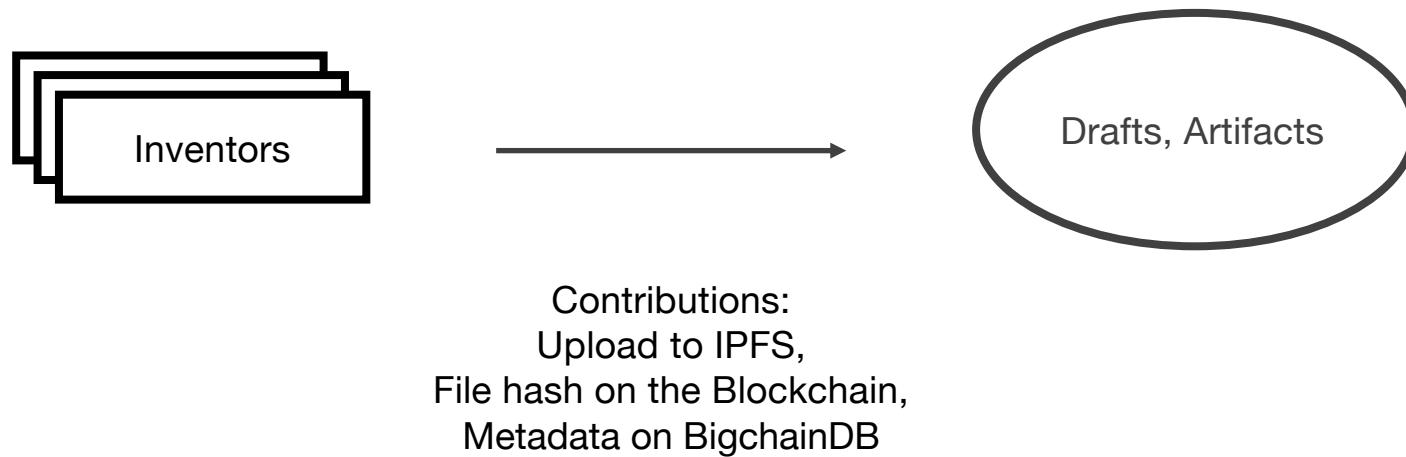
High level deliverables instead
of controlling process flow

Stakeholder map [1, 2]



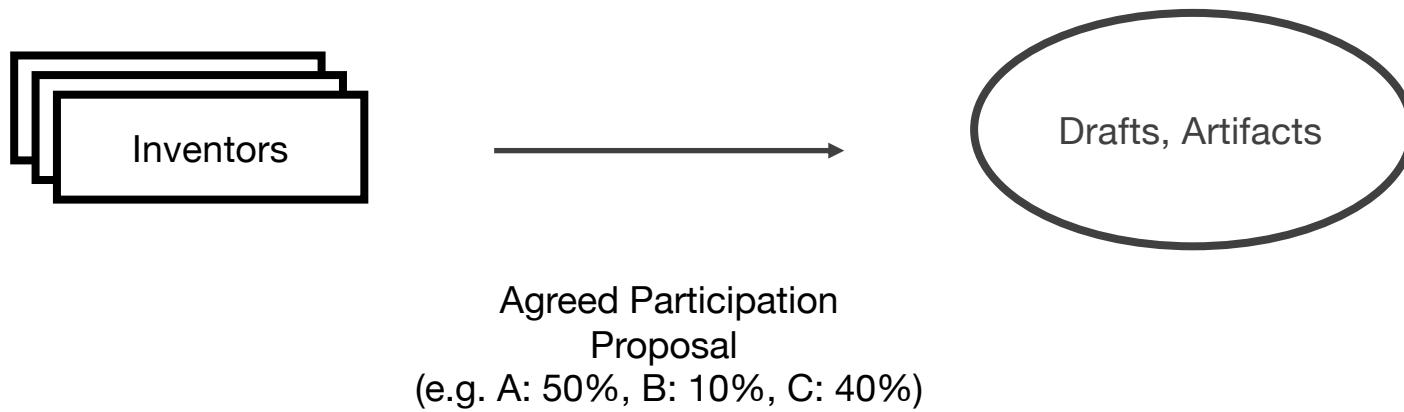
Business Process

Phase 1: Contribution to an idea



Business Process

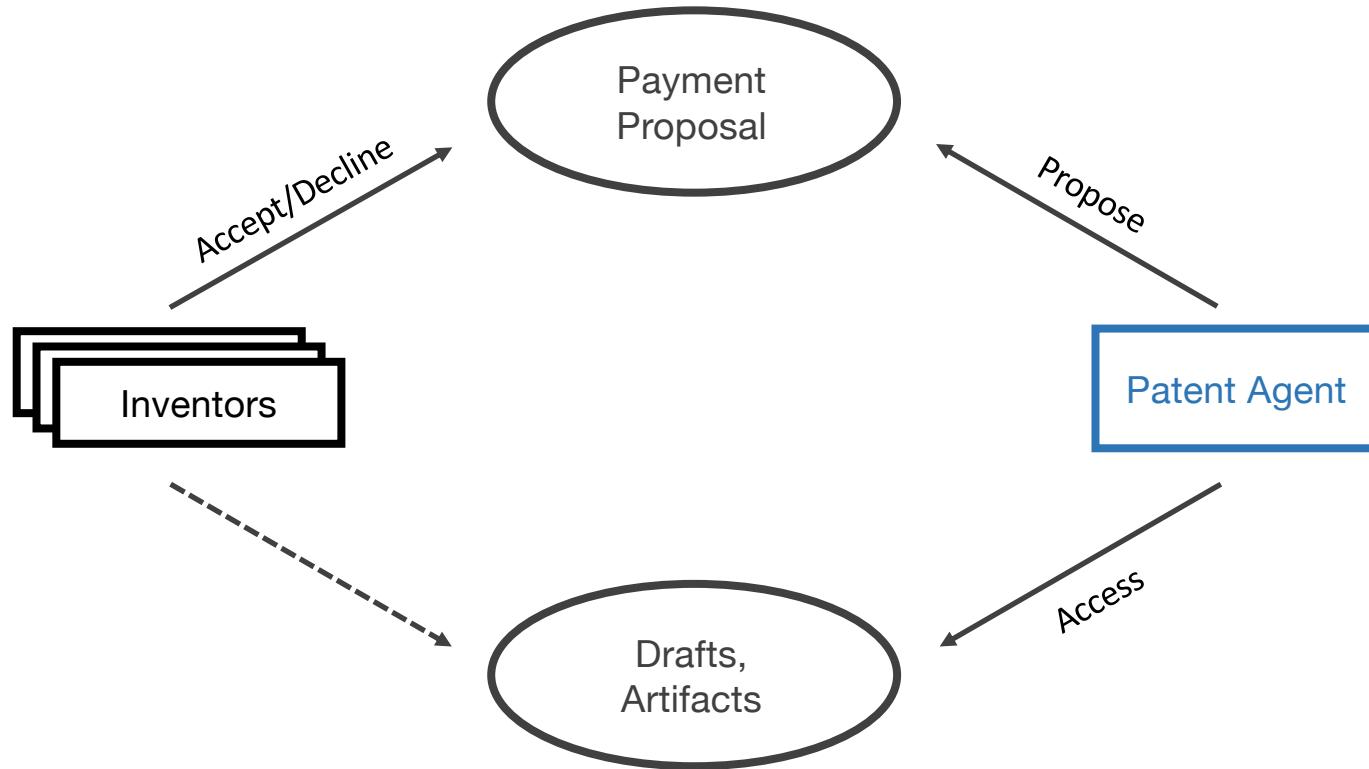
Phase 2: Agreeing on the participation shares



⇒ The process continues only when everyone agrees on a distribution of shares

Business Process

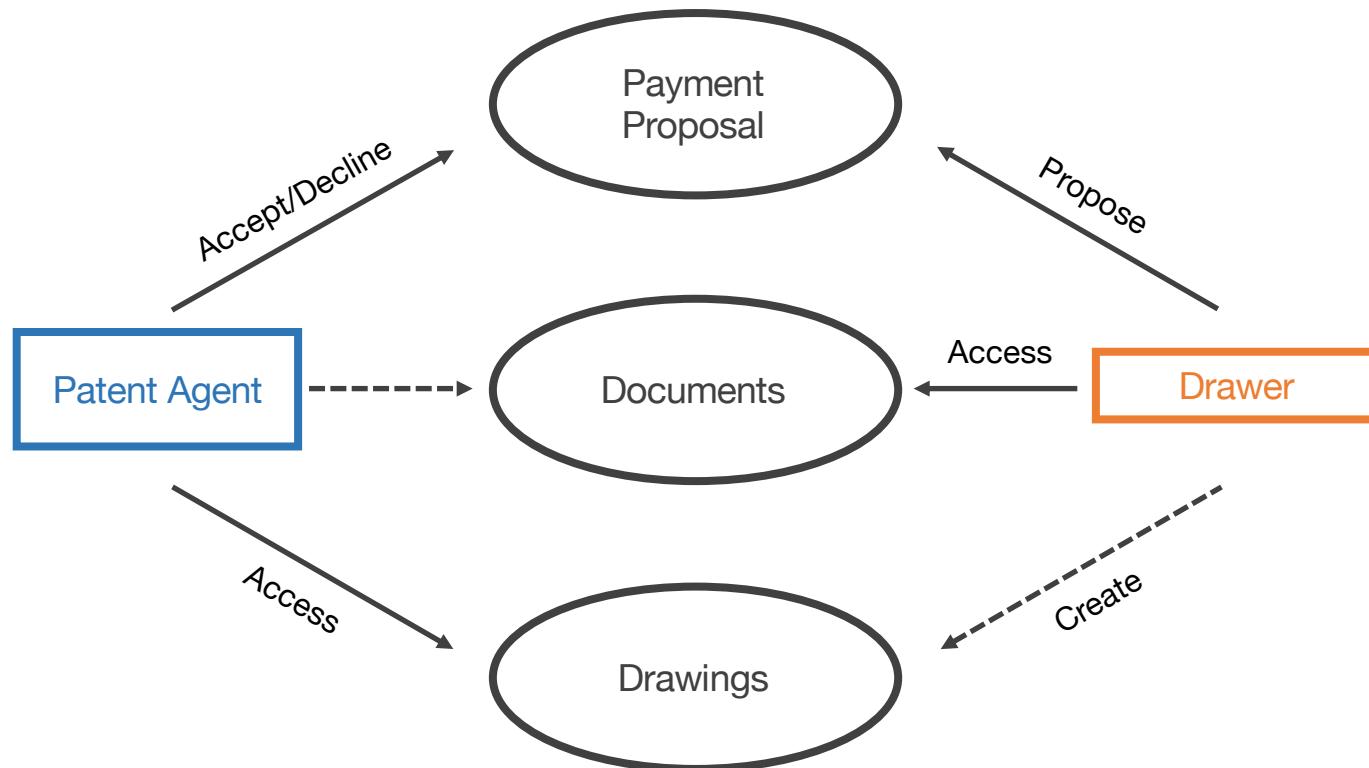
Phase 3: Contracting a Patent Agent



⇒ Patent Agent creates: Detailed Description, Background, Abstract, Summary

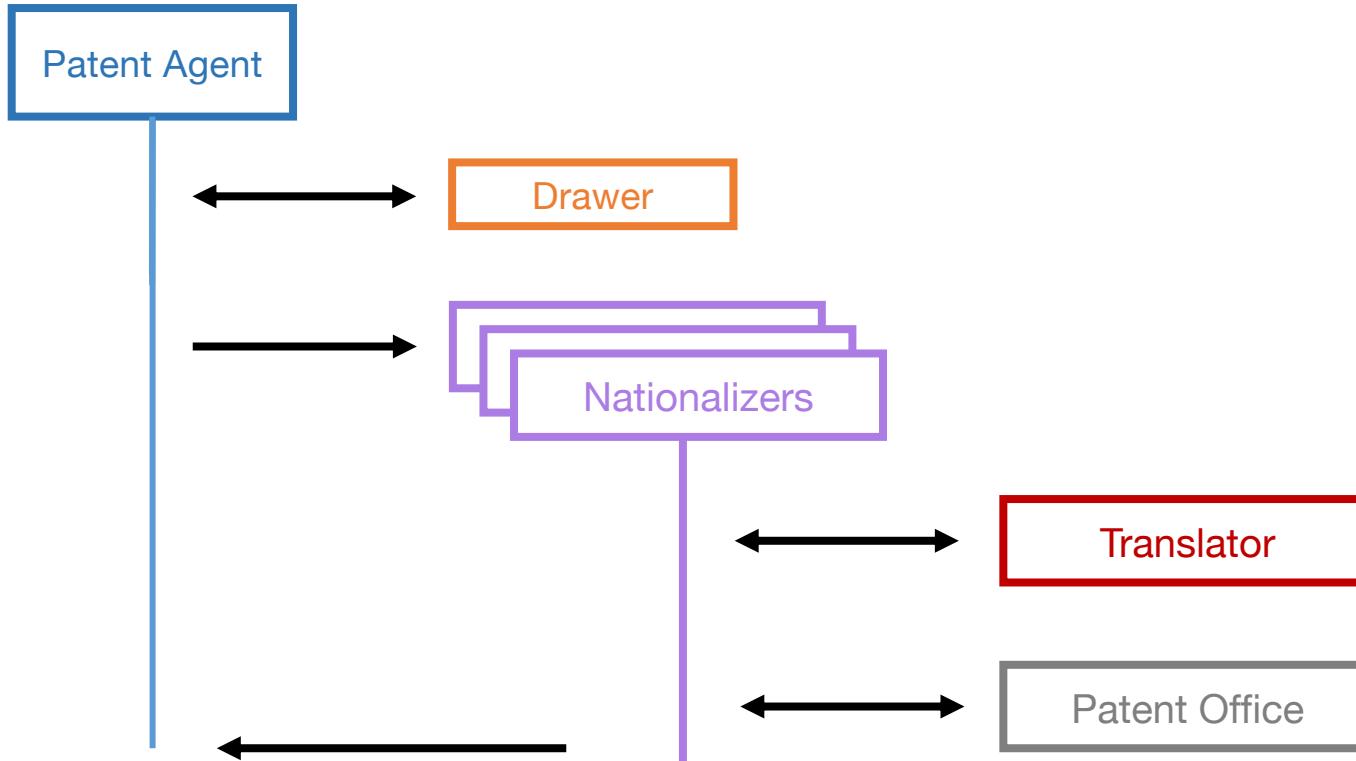
Business Process

Phase 4: Patent Agent contracting service providers



Business Process

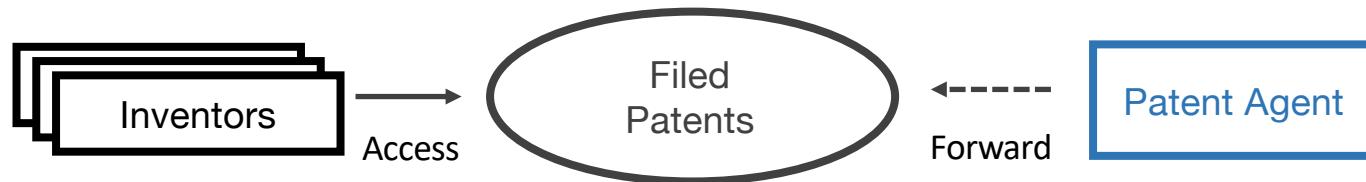
Phase 4 continued: Patent Agent contracting service providers



⇒ Entire history documented unforgeably on the Blockchain

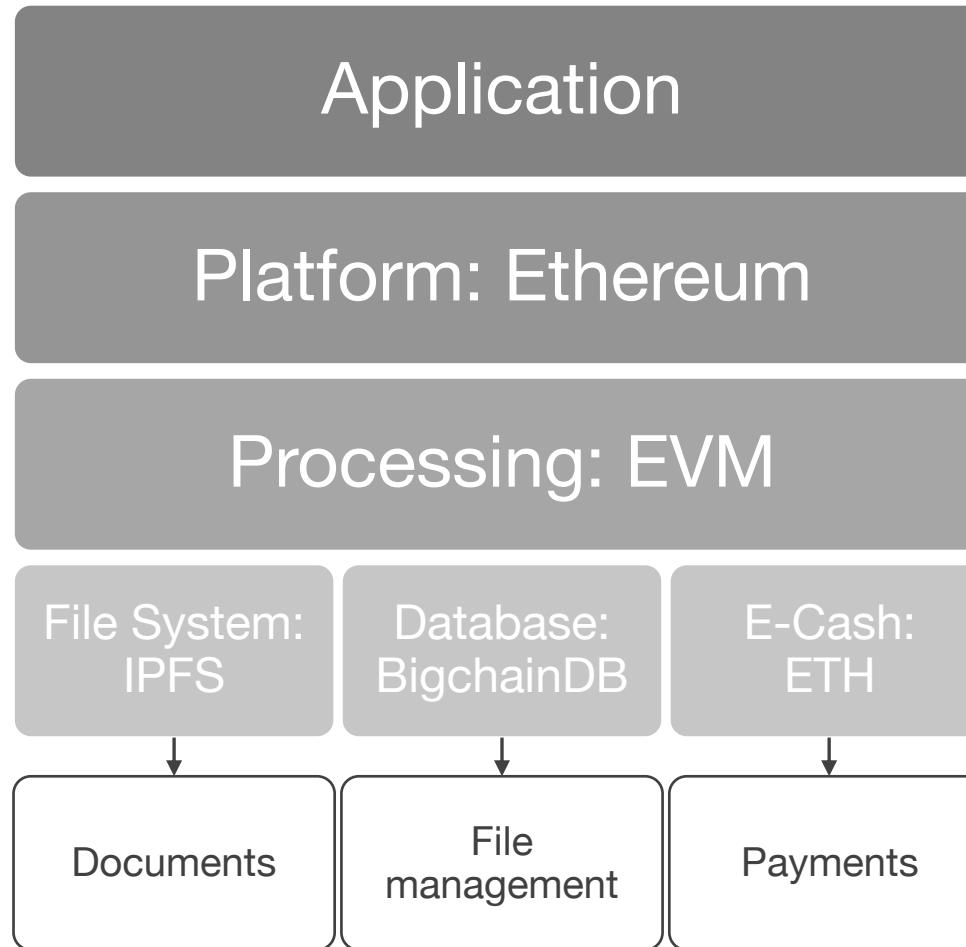
Business Process

Phase 5: Forwarding the patent to the inventors



The filed patents are forwarded to the inventors

Building blocks of the planned architecture



Business Process Disruption

Removal of payment providers and enforceability of innovators' reward

Payment Providers
⇒ Player removed

Innovators' reward [5]
⇒ Internationally enforceable

Current Process

- Contracting of attorneys for handling of payments
- Know jurisdiction specific payment deadlines

- Germany: innovator's rewards for employees (§§ 13, 14, 16, 22, 23 ArbEG)

Disruption due to DLT

- Smart Contracts
- Nationalizers handle jurisdiction specific deadlines

- Possibility to enforce innovator's rewards internationally

Blockchain Advantages

Proof of ownership for
deliverables in the
patent process

Automated payment
handling

Unforgeable
documentation of the
patent creation history

Blockchain Disadvantages

Identification problem

Need for a patent office

Transaction cost

References

- [1] Diagram according to https://www.researchgate.net/publication/280314557_E-Government_Stakeholder_Analysis_and_Management_Based_on_Stakeholder_Interaction_s_and_Resource_Dependencies
- [2] https://www.wipo.int/edocs/pubdocs/en/patents/867/wipo_pub_867.pdf
- [3] <https://www.uni-hamburg.de/forschung/transfer/wissenschaft-wirtschaft/erfinder-patentberatung/idee-patent.html>
- [4] <https://www.nolo.com/legal-encyclopedia/getting-patent-yourself-29493.html>
- [5] GSI – Erfindungsvergütung im Gesetz über Arbeitnehmererfindung