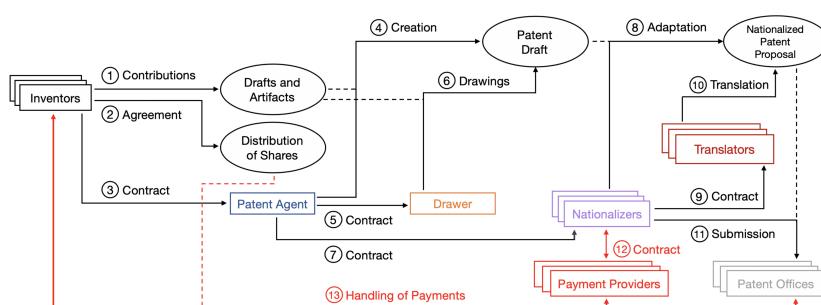
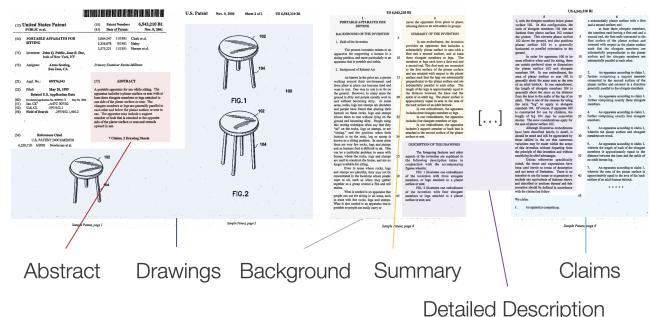


Patent Hub

Facilitating the process from idea to filed patent by maintaining an unforgeable document history and handling payments using DLTs

Situation

- In today's globalized economies, innovative products are quickly reverse engineered and offered at lower cost by competitors
- Patents incentivize R&D investments by ensuring that innovative companies receive the rewards for their expenditures
- ⇒ Patents are the heart of innovation



Complication

The current patent creation process displays several weaknesses:

- Inventors are given **low credibility** in patent infringement litigations as only the patent document is public
- Trusted payment providers induce **financial overhead** in the process

Resolution

We developed a proof-of-concept application that uses the advantages of Distributed Ledger Technologies (**DLTs**) to solve these issues:

- An **unforgeable document history** on Ethereum and IPFS provides proof for inventors
- Smart contracts enable **efficient payment handling**
- Decentralized **consensus** upon ownership shares and patent portfolios enhances trust

