

DEPLOY & RUN TRANSACTIONS

Environment Web3 Provider 

Custom (5777) network

Account  0x236...A9ADA (98.817)  

Gas limit 3000000

Value 0 wei 

PatentIdea - browser/patent.sol  

Deploy



or

At Address

Load contract from Address

Transactions recorded: 1 

Deployed Contracts 

 PatentIdea at 0x10F...96Ed2 (blockchain)  

SaveIdeaHash string idea 

getTracker

isAlreadyHashed string idea 

Low level interactions 



patent.sol 

```

1  pragma solidity ^0.5.0;
2  contract PatentIdea {
3      mapping (bytes32 => bool) private hashes;
4      bool alreadyStored;
5      int tracker=0;
6      event ideahashed(bool);
7      function saveHash(bytes32 hash) private {
8          hashes[hash] = true;
9      }
10     function SaveIdeaHash(string memory idea) public returns (bool){
11         bytes32 hashedIdea = HashtheIdea(idea);
12         if (alreadyHashed(HashtheIdea(idea))) {
13             alreadyStored = true;
14             emit ideahashed(false);
15             return alreadyStored;
16         }
17         saveHash(hashedIdea);
18         tracker = tracker+1;
19         emit ideahashed(true);
20     }
21     function alreadyHashed(bytes32 hash) private view returns(bool) {
22         return hashes[hash];
23     }
24     function isAlreadyHashed(string memory idea) public view returns (bool) {
25         bytes32 hashedIdea = HashtheIdea(idea);
26         return alreadyHashed(hashedIdea);
27     }
28     function HashtheIdea(string memory idea) private pure returns (bytes32) {
29         return bytes32(keccak256(abi.encodePacked(idea)));
30     }
31     function getTracker() public view returns (int) {
32         return tracker;
33     }
34 }
    
```



0

☒ listen on network



Search with transaction hash or address

creation of PatentIdea pending...



[block:113 txIndex:0] from:0x236...A9ADA to:PatentIdea.(constructor) value:0 wei data:0x608.