

EXPLORER

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● Patent.sol

ETHEREUM

node_modules

Patent.sol

≡ Patent.sol ●

```
1  pragma solidity ^0.4.0;
2  contract PatentIdea {
3      mapping (bytes32 => bool) private hashes;
4      bool alreadyStored;
5      event IdeaHashed(bool);
6
7      function saveHash(bytes32 hash) private {
8          hashes[hash] = true;
9      }
10     function SaveIdeahash(string idea) public returns (bool){
11         var hashedIdea = HashtheIdea(idea);
12         if (alreadyHashed(HashtheIdea(idea))) {
13             alreadyStored=true;
14             Ideah[false];
15             return IdeaHashed (event in PatentIdea) IdeaHashed(bool)
16             SaveIdeahash
17         }
18         else {
19             saveHash(hashedIdea);
20             ideahashed(true);
21         }
22     }
23
24     function alreadyHashed(bytes32 hash) constant private returns(bool) {
25         return hashes[hash];
26     }
27
28     function isAlreadyHashed(string idea) constant public returns (bool) {
29         var hashedIdea = HashtheIdea(idea);
30         return alreadyHashed(hashedIdea);
31     }
32
33     function HashtheIdea(string idea) pure private returns (bytes32) {
34         return keccak256(idea);
35     }
36 }
```