Protect your freedom to operate with Open Patents
Hacking the patent system
Frederik Questier, Wim Schreurs, Open Patent Office
NO Software Patents
Your webshop is **PATENTED!**


2. Get help by answering just a few simple questions!

3. Add to shopping cart

4. CDs, Films, Books

5. Upload MyMotif design and it will be printed in high quality by us!

6. Pay using credit card

7. View film in Browser

8. Like this search result? You may also like these:
   1. Lady and the bird
   2. Bugging ladies
   3. Lady muggers
   4. Software patents and other bugs
   5. Bugging me, bugging you

9. Pay using credit card

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11. Get key via sms

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15. All orders are shipped using D-LiverIt, the quickest delivery service around!

16. Preview some chapters: click on them in the TV above!

17. Click here for larger preview

18. Ladybugs are very useful insects. They dispose of parasites. However, software patent litigators are far too large for them in general.
slide to unlock
Apple patent #1964022
Drug patents

A fool’s game

Apr 1st 2013, 20:53 BY C.H. | NEW YORK

(Photo credit: AFP)
Patent wars

LAWSUITS IN THE MOBILE BUSINESS
(redux)
The €€.€€€ patent costs are an entrance barrier for individuals and small organisations
Outside chem/pharm
average patent profit < 0€
Patents are a tax on innovation
Patents nowadays are too vague to learn from
Innovation

Time to fix patents

Ideas fuel the economy. Today’s patent systems are a rotten way of rewarding them

Aug 8th 2015 | From the print edition
Existing solutions?
PATENT REFORM
Defensive patent pools

OIN's mission is to enable Linux

OIN licenses its global defensive patent pool in exchange for a pledge of non-aggression.

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ASUS

DAIMLER

HYUNDAI
On a quest against patent trolls

We empower companies to fight bad patents
If you are threatened by a patent, you can protect yourself here
If you are an expert, be rewarded by finding evidence against a patent

How it works  Watch the video

Unpatent empowers companies to combat patent trolls.

Patent trolls are entities that don't build anything — they just acquire broad patents and use them to threaten the real innovators and ask them for large sums of money.

5.7M patents granted by the USPTO
$500B wasted because of patent trolls
Without ‘protecting’ your innovative ideas you risk losing your ‘freedom to operate’!
Without ‘protecting’ your innovative ideas you risk losing your ‘freedom to operate’!

Make at least a **defensive publication** that can easily be found by the patent offices (just in code is not good enough to be found)
Research Disclosure
(~1000/year? - publication fees – pay wall)
Method of Automation of Creating New Linux Instances on Virtual Machine

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Defensive Publications from Linux Defenders
(156 publications - inactive since 2015?)

### Publications

Defensive Publications are a method for the open source community to prevent the issuance of low quality software patents. These publications serve as evidence to disclose to the examiner what is new and innovative within the technology. Through Linux Defenders, developers collaborate with our team to ensure that these publications are effective in protecting the freedom to create, invent and operate.

<table>
<thead>
<tr>
<th>Publication Date</th>
<th>Title</th>
<th>Tags</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 12, 2015</td>
<td><strong>System for designing and creating computer programs using finite state machines</strong>&lt;br&gt;The methods commonly used to develop computer software are very difficult, time consuming and error prone. Many software projects are canceled due to cost and time overruns. It is common for projects to fail to deliver all of the anticipated benefits.</td>
<td>database software development&lt;br&gt;Computer Programming Object Oriented Programming Transaction Processing&lt;br&gt;Finite State Machine Publish and Subscribe Internet of Things Eclipse&lt;br&gt;Rich Client Plugin RCP</td>
</tr>
<tr>
<td>October 20, 2014</td>
<td><strong>Discovering Code Cloning in Software Source Code by Fingerprinting</strong>&lt;br&gt;This document describes a simple code clone detection method that extracts string constants and other identifiers (function names, method names, variable names, etc.) from source code and compares these identifiers to a knowledgebase with identifiers extracted from publicly available open source software with the aim of finding copied code.</td>
<td>Linux FreeBSD Unix software software development *BSD Android Java open source code clone detection</td>
</tr>
<tr>
<td>October 20, 2014</td>
<td><strong>Multiparty Verified Code Execution on Modern Browsers</strong>&lt;br&gt;A process that allows a user to securely execute a web application without trusting a single server.</td>
<td>security Multiparty Verified Verification&lt;br&gt;Code Execution Javascript Web</td>
</tr>
</tbody>
</table>
None of the current defensive publication solutions have the **popularity, impact or openness** that the concept deserves...
We need something better...
The Open Patent Office

Non-profit organisation
The Open Patent Office

Non-profit organisation

stimulating open innovation
strengthening the public domain
The Open Patent Office

Non-profit organisation

stimulating open innovation
strengthening the public domain

combining the best practices
of defensive publications,
the patent offices
and open discussions
The anatomy of an idea

I once had an idea

and then I shared it

and then it got even better.
Protect your freedom to operate by sharing your innovative ideas
Easy publication process

- Guided web form
  - Title
  - applicant(s) and associated organizations (or anonymous)
  - Abstract - summary
  - Background - problem statement - prior art
  - Enabling description
  - Figures
- Immediate publication
Authenticity and integrity of the data
(cryptographic hashes & signatures, blockchain, external database mirrors)
Improve searchability & findability
(foremost for patent examiners)

International Patent Classification
Tags
Search Engine
API
RSS-feeds
Facilitate citations

...
Improve quality

Enabling description

Quality control

Quality metrics
Stimulate open innovation

Open access
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Discussions
Enable requests for prior art
Enable requests for solutions
Empower innovators
Boost reputation

My patent portfolio is bigger than yours
My open patent portfolio is bigger than yours
PATENTS

Registration and renewals fees are expensive

Writing a patent is difficult & requires expensive advice

Often hard to understand, vague legalese

Slow publication process

Protection is territorial

Both defensive and offensive

OPEN PATENTS

No fees

Writing an open patent is easy.

Enabling description

Immediate publication

Protection is international

Only defensive
Status - Challenges?

➢ Pre-launch
➢ Funding
➢ Acceptance
➢ Spam & bullshit detection
➢ Multilingual
➢ Good (IPC) meta data
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Kubuntu

No animals were harmed