

Perlindungan KI di Bidang Sains dan Teknologi



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Direktorat Paten, DTLST & RD
Universitas Indonesia, 20 April 2017

***DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA R.I***

OUTLINE

A

KI (introduction)

B

SISTEM PATEN

C

Patent Searching

D

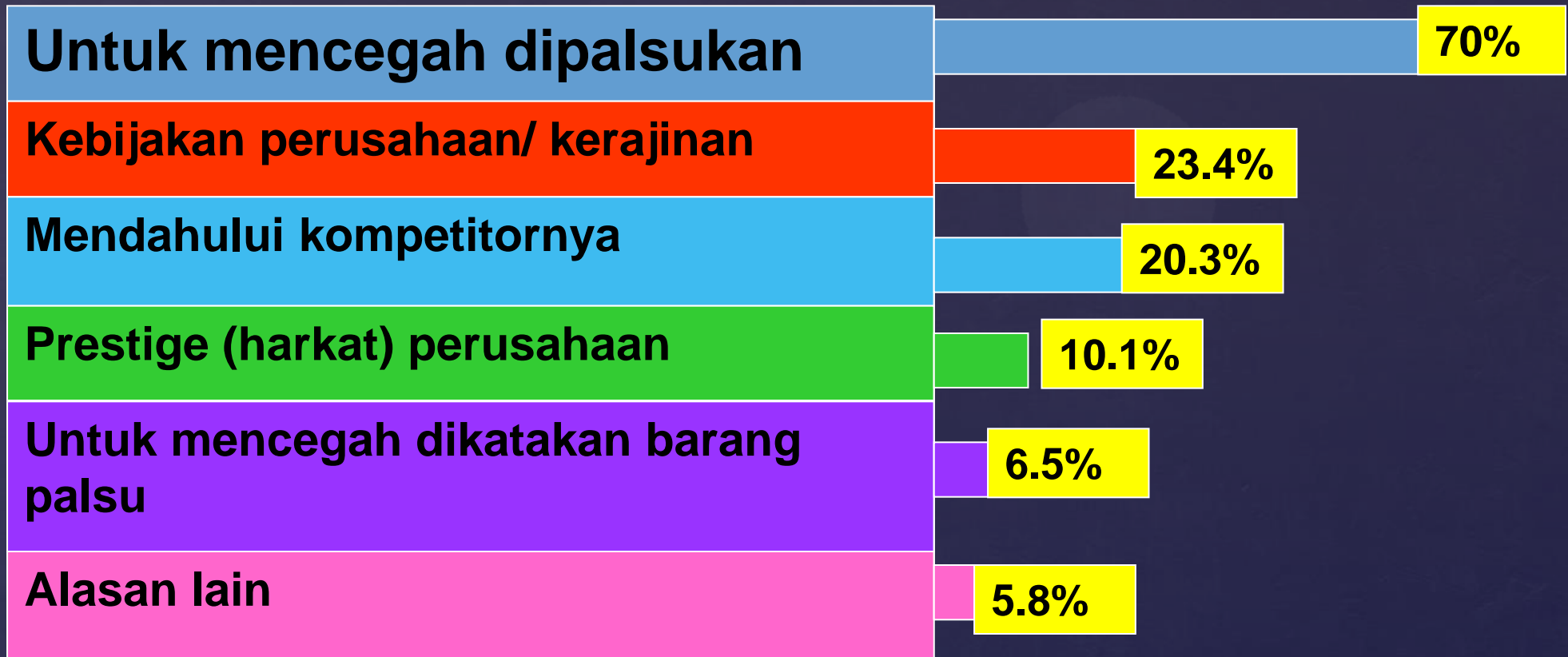
STATISTIK



FAKTA SAAT INI ?

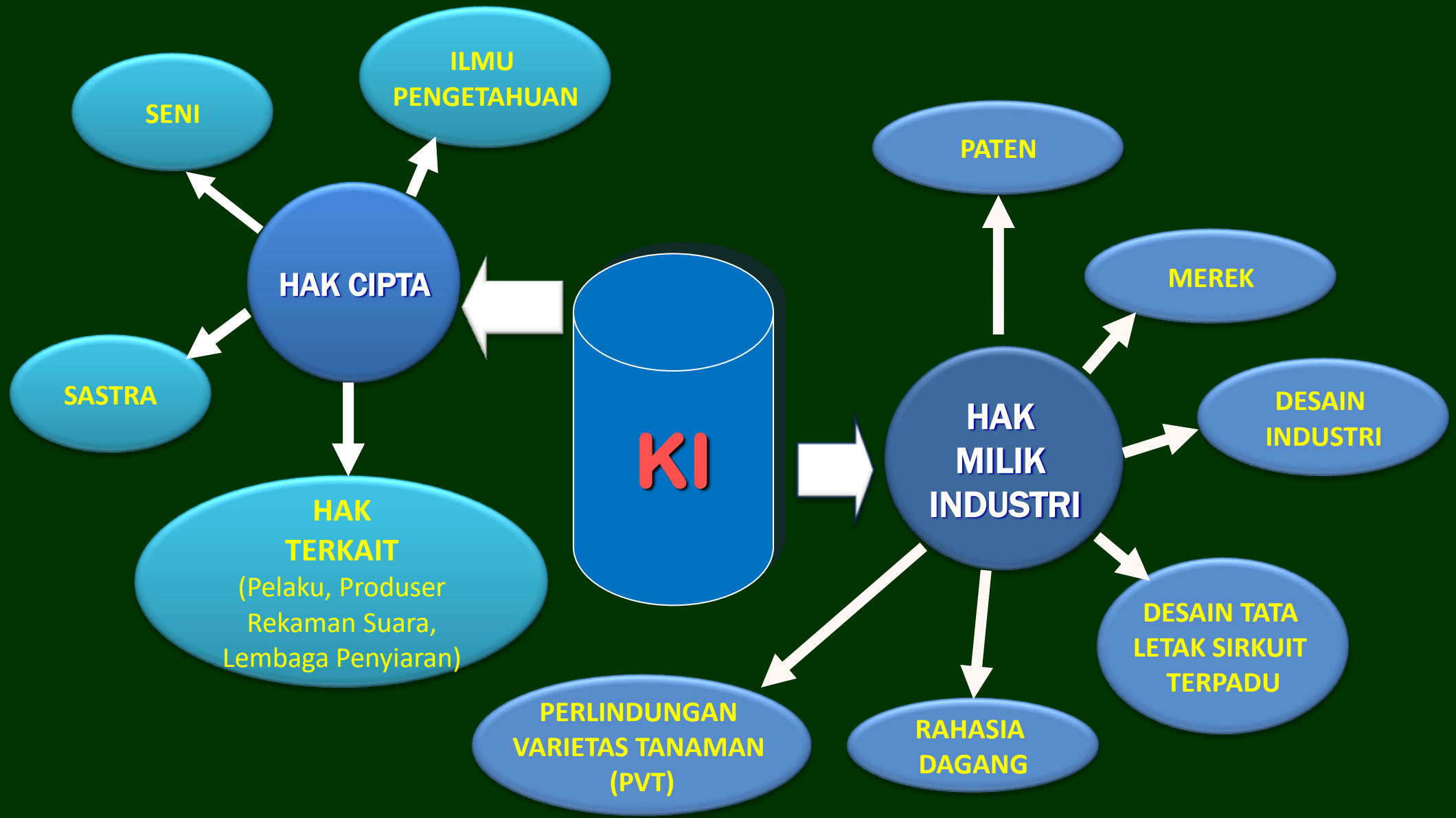
Negara-negara yang memiliki Sumber Daya Manusia berbasis KI jauh lebih makmur/kaya dibandingkan dengan negara-negara yang memiliki Sumber Daya Alam, tetapi sedikit sekali kepemilikan Sumber Daya Manusia berbasis KI

Alasan Untuk Melindungi KI



Sumber:

OHIM, Prospective Study about Design Registration Demand at a European Union Level (2002)





MEREK →
“Blackberry” sebagai
simbol dagang barang

DESAIN INDUSTRI →
Desain yang tampak/
penampilan luar
smartphone

Paten → Invensi teknologi
berupa alat komunikasi &
komputer dalam ukuran
kecil yang dapat
dimasukkan ke dalam saku

HAK CIPTA →
Program
Komputer yang
dipakai pada
smartphone

DESAIN TATA LETAK SIRKUIT
TERPADU → Desain tata letak
sirkuit terpadu yang berada di
dalam produk IC dari
smartphone

	HAK CIPTA	PATEN	DESAIN INDUSTRI	MEREK
SUBYEK	Pencipta	Inventor	Pendesain	Pedagang/ Pengusaha/ Pemilik Merek
OBJEK	Seni, Sastra & IP	Invensi Teknologi (Proses, Alat)	Desain penampilan produk	Simbol dagang & jasa
CARA MENDAPATKAN PERLINDUNGAN	Deklaratif (tanpa pendaftaran)	Konstitutif (Pendaftaran)	Konstitutif (Pendaftaran)	Konstitutif (Pendaftaran)
LAMA PERLINDUNGAN	Meninggal + 50 th	Biasa: 20 th Sederhana: 10 th	10 tahun	10 th dapat diperpanjang

Hak Cipta & Hak Terkait

SENI



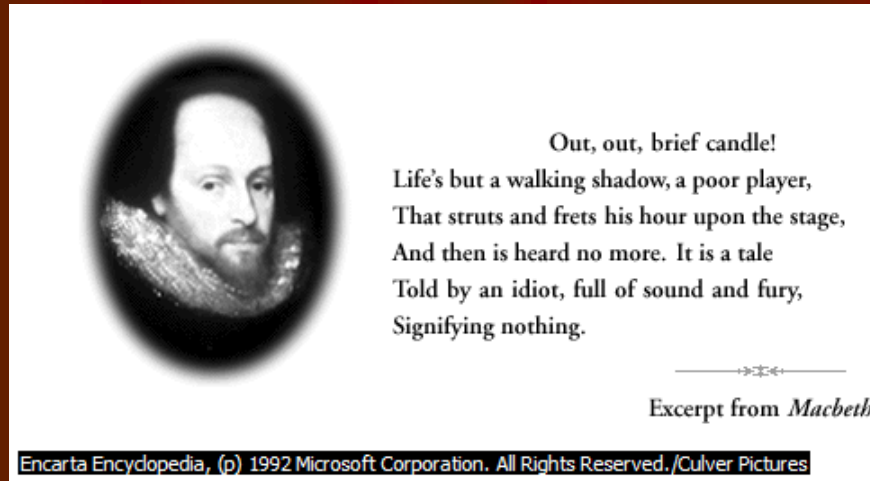
Seni Lukis

PELAKU



Penyanyi

SASTRA



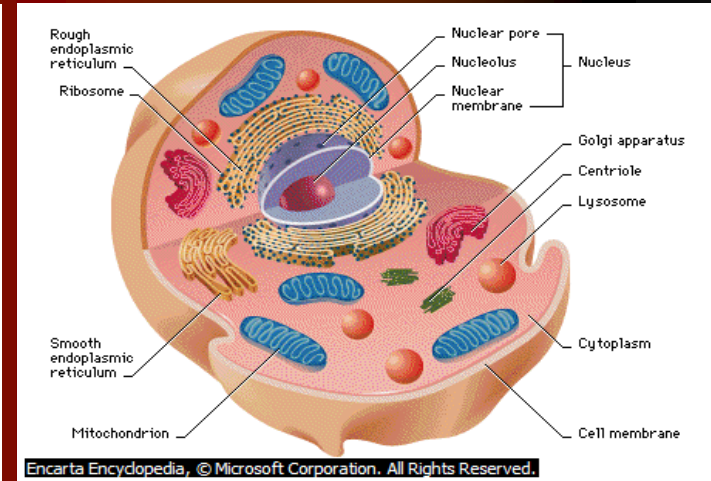
Puisi

PRODUSER REKAMAN
SUARA



Produser Rekaman Lagu:
Sony, Musica Studio.dll

ILMU PENGETAHUAN

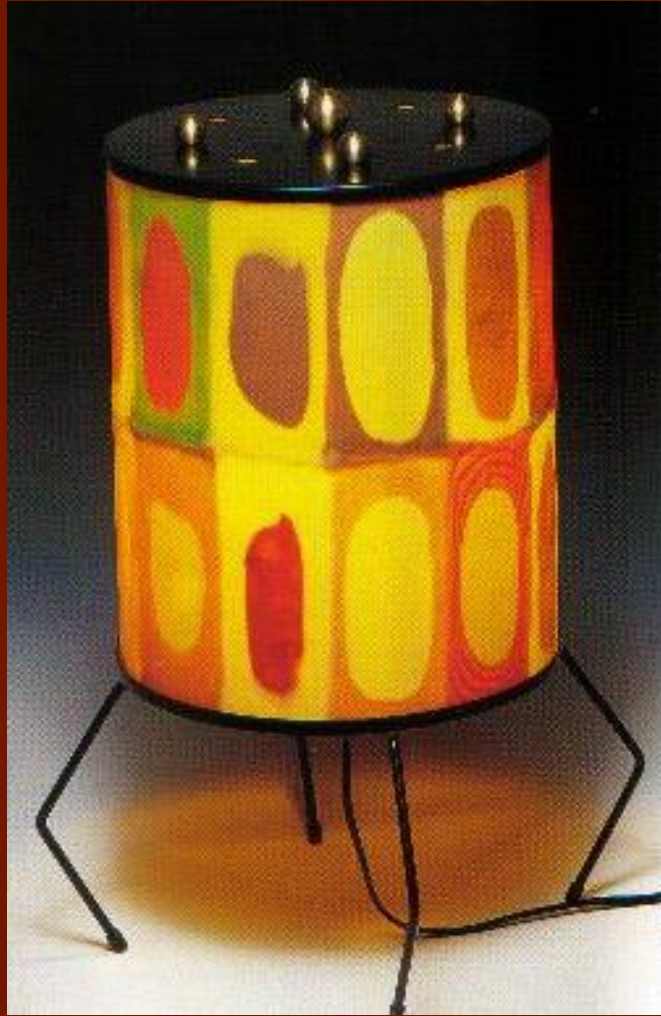


Alat Peraga

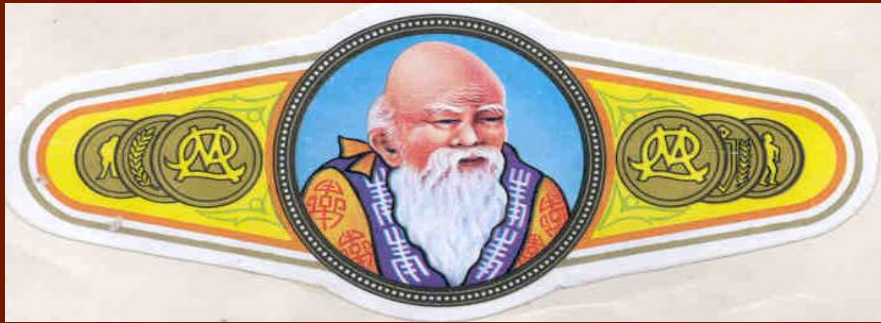
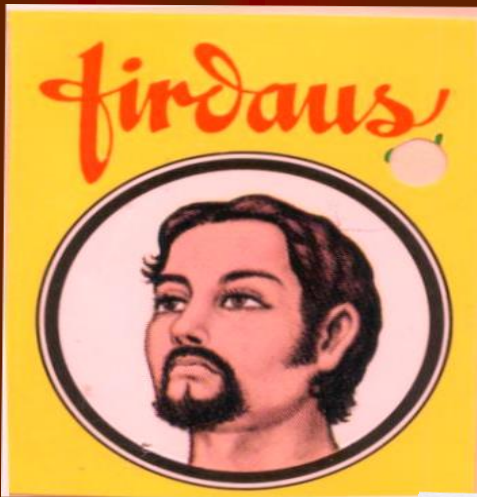
LEMBAGA
PENYIARAN

Televisi: **RCTI, SCTV,**
Trans TV, Trans 7, TPI,
Jak-tv, Indosiar,dll

Desain Industri



Contoh Merek Barang



Contoh Merek Jasa



Contoh INDIKASI GEOGRAFIS Terdaftar

Indikasi Geografis Terdaftar

No.	Produk	Pemohon	No. Agenda	No. Pendaftaran (Tgl. Daftar)	Logo
1	Kopi Arabika Kintamani Bali	MPIG (Masyarakat Perlindungan Indikasi Geografis) Kopi Kintamani Bali	IG.00.2007.000001	IDIG 00000001 (5 Desember 2008)	
2.	Champagne	Comite Interprofessional Du Vin De Champagne (CIVC) Kuasa : Gunawan Suryomurcito	IG.00.2008.000001	ID G 00000002 (14 November 2009)	CHAMPAGNE
3.	Mebel Ukir Jepara	Jepara Indikasi Geografis Produk-Mebel Ukir Jepara (JIP- MUJ)	IG.00.2007.000005	ID G 00000003 (28 April 2010)	
4.	Lada Putih Muntok	Badan Pengelola, Pengembangan dan Pemasaran Lada (BP3L) Provinsi Kepulauan Bangka Belitung	IG.00.2009.000002	ID G 00000004 (28 April 2010)	
5.	Kopi Arabika Gayo	MPKG (Masyarakat Perlindungan Kopi Gayo)	IG.00.2009.000003	ID G 00000005 (28 April 2010)	

PATEN ?

- **Hak eksklusif** yang diberikan oleh Negara kepada Inventor atas hasil **invensinya** di **bidang teknologi**, yang untuk **selama waktu tertentu** melaksanakan sendiri invensinya tersebut atau memberikan persetujuannya kepada pihak lain untuk melaksanakannya

INVENSI ?

- **Ide inventor yang dituangkan ke dalam suatu kegiatan pemecahan masalah yang spesifik di bidang teknologi dapat berupa produk, proses atau penyempurnaan dan pengembangan produk atau proses**

Sistem Paten

Protection

territorial

Information

Patent information is disclosed globally, i.e., anyone, anywhere in the world can learn from this information.

First-to-file

Atas dasar permohonan

Pentingnya Drafting Patent

Pemeriksaan: universal

BEBERAPA DEFINISI PENTING

PATEN

- **Hak eksklusif** yang diberikan oleh Negara kepada Inventor,
- **Invensi** di bidang teknologi,
- Melaksanakan sendiri Invensinya, atau
- Memberi persetujuan kepada pihak lain untuk melaksanakannya

INVENSI

- Ide inventor
- Kegiatan **pemecahan masalah yang spesifik di bidang teknologi** yang dapat berupa
 - Produk atau proses
 - Penyempurnaan dan pengembangan produk atau proses

PATEN SEDERHANA

- **Invensi berupa produk atau alat yang baru dan mempunyai nilai kegunaan praktis**

TIDAK SEMUA INVENSI DAPAT DIBERI PATEN:
INVENSI MENGENAI PROSES ATAU PRODUK YANG
PENGUMUMAN DAN PENGGUNAAN ATAU PELAKSANAANNYA
BERTENTANGAN DENGAN PERATURAN PERUNDANG-
UNDANGAN YANG BERLAKU, MORALITAS AGAMA, KETERTIBAN
UMUM, ATAU KESUSILAAN

CONTOH

**INVENSI YANG BERKAITAN DENGAN MESIN
UNTUK MEMALSUKAN UANG**



Syarat Invensi Dapat Diberi Paten

(Pemeriksaan Substantif)

- 1. Memiliki kebaruan (Novelty)**
- 2. Memiliki langkah inventif (Inventive step)**
- 3. Dapat diterapkan di dalam industri (Industrial applicable)**

Memiliki Kebaruan (NOVELTY)

Suatu invensi dianggap baru, jika pada tanggal penerimaan, invensi tersebut tidak sama dengan teknologi yang diungkapkan sebelumnya (**state of the art**) atau semua publikasi yang ada sebelum **priority date**.

State of the art ?

Everything made available to the public by means of ...

written description



by use

State of
the art

...before the
filing date of
the application

oral description

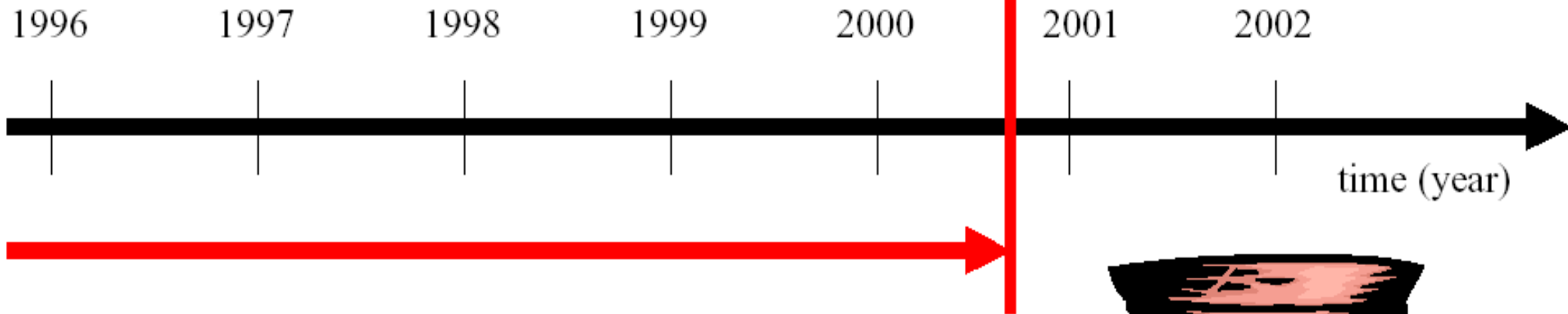


or in any other way



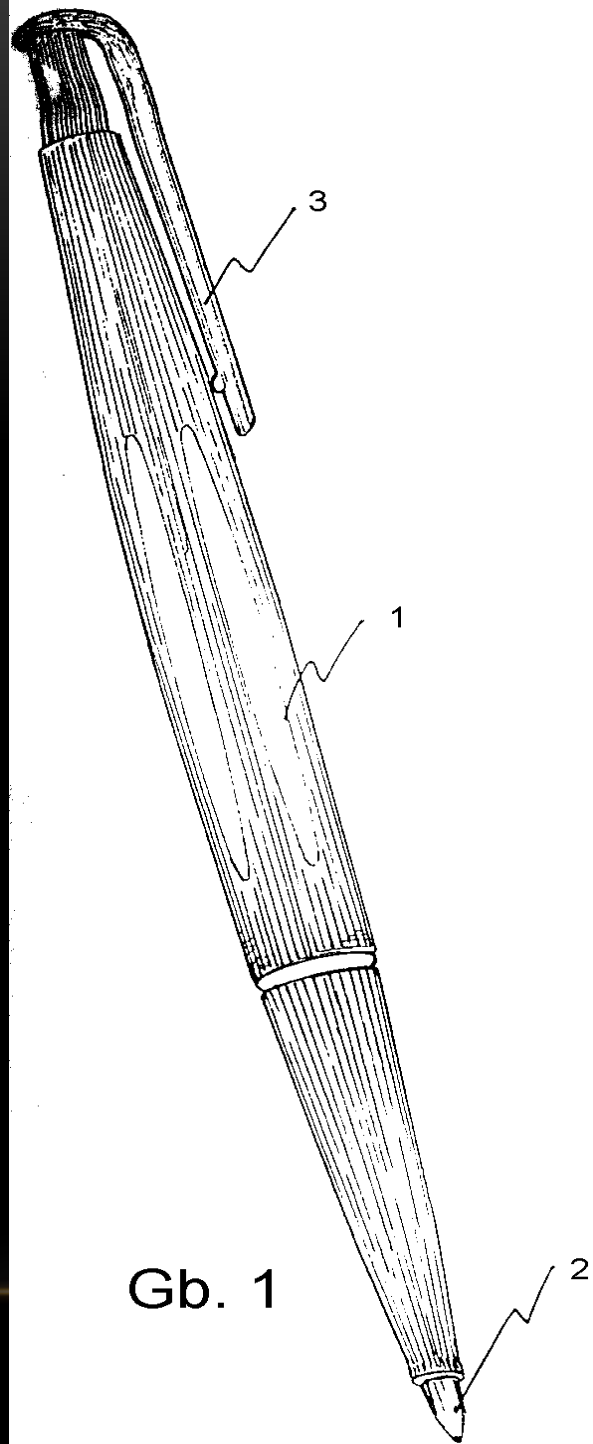
Which disclosures can we use?

Filing date 01.09.2000

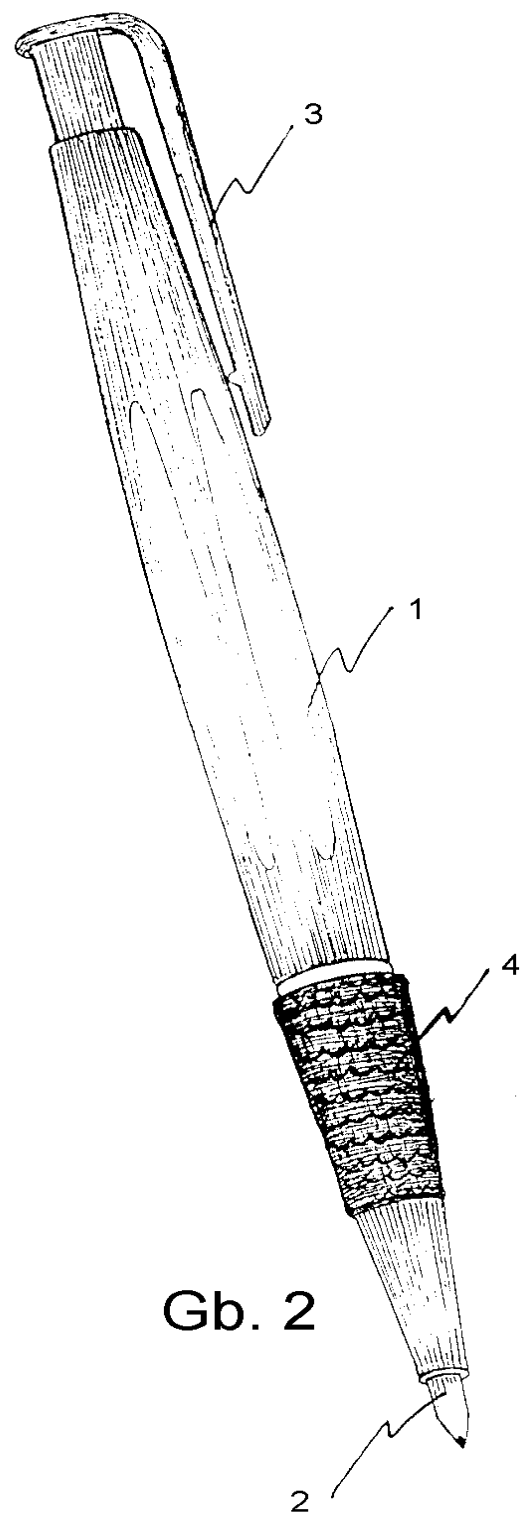


Everything made available
to the public **before the
date of filing**





Gb. 1



Gb. 2

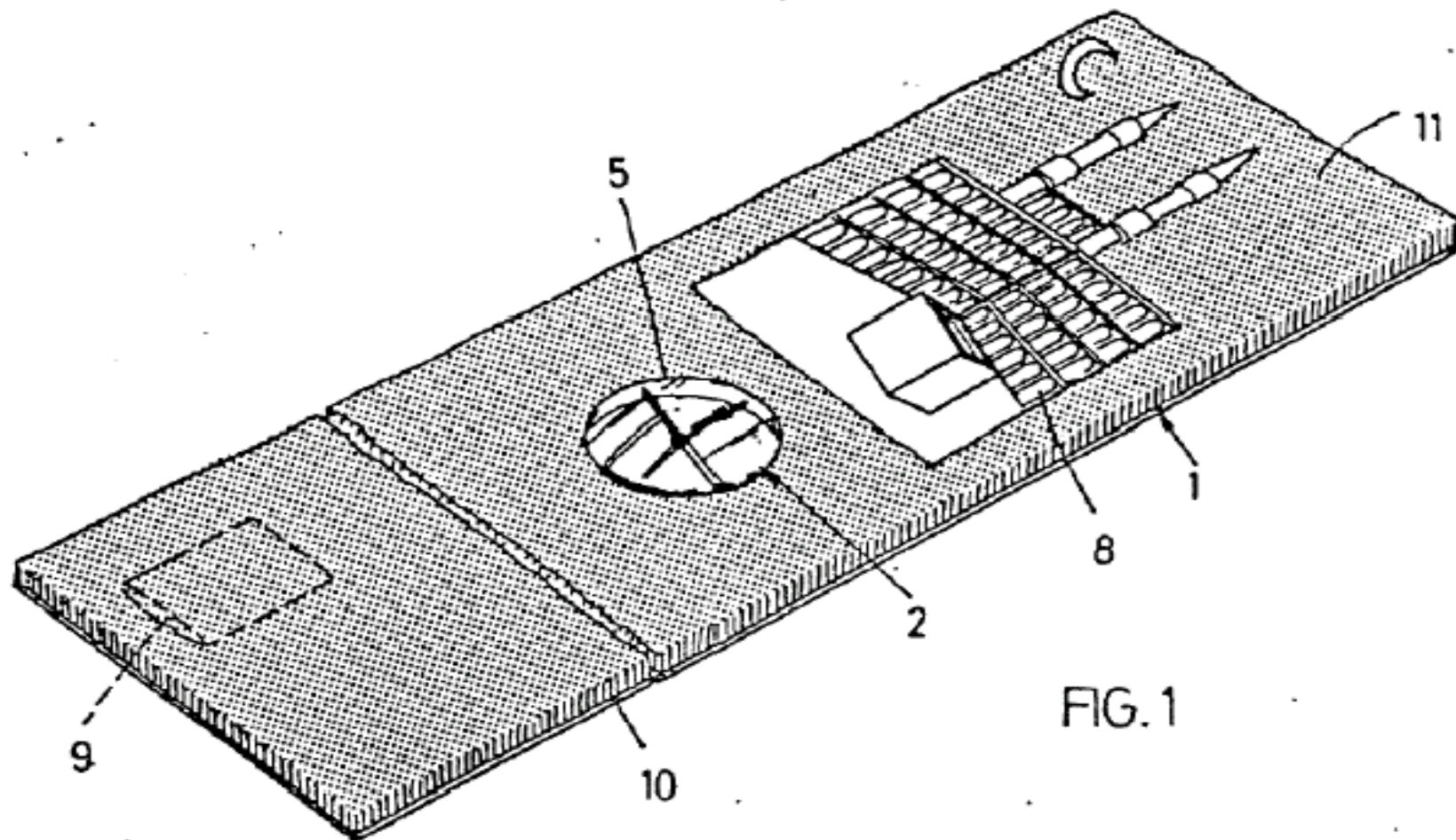
Memiliki Langkah Inventif (Inventive Step)

Suatu invensi mengandung langkah inventif, jika invensi tersebut bagi seorang yang mempunyai keahlian tertentu di bidang teknik (**person skilled in the art**) merupakan hal yang tidak dapat diduga sebelumnya (**not obvious**).

Prayer Rug

1/1

0004996



Claim 1: A prayer rug with a compass attached thereto

Prior Art: D1 shows a prayer rug.

D2 discloses a compass which can be attached to a wrist watch using a clip.

	D1	D2
Prayer rug	X	-
Compass	-	X
Attached	-	X

Industrial applicable

Suatu invensi dapat diterapkan dalam industri jika Invensi tersebut dapat diterapkan dalam industri sebagaimana yang diuraikan dalam permohonan

- ✓ **Produk:** mampu dibuat berulang-ulang (secara massal) dengan kualitas yang sama
- ✓ **Proses:** mampu dijalankan atau digunakan dalam praktik

Manfaat Paten

hak eksklusif
kepastian hukum
insentif terhadap suatu kreasi teknologi
posisi pasar yang kuat
meningkatkan daya saing
kesempatan lisensi
mendorong investasi (FDI)
katalis transfer teknologi
strategi perencanaan perdagangan dan industri

MANFAAT PATEN DIPEROLEH MELALUI IDE² INVENSI YANG BERASAL DARI INFORMASI PATEN

Informasi Paten ?

Informasi yang terdapat di dalam dokumen paten yang dipublikasi secara periodik oleh kantor paten

Informasi Teknis

deskripsi, gambar

Informasi Hukum

Klaim

KARAKTERISTIK INFORMASI PATEN

format standar

sering tidak terdapat dalam publikasi lain

memuat informasi teknologi terbaru

sumber informasi teknologi terlengkap

tidak rahasia

>1 ½ jt/ tahun dokumen paten terdaftar di dunia

500.000 granted, >40 jt dok. paten terpublikasi yang dapat digunakan sebagai sumber ide-ide baru



US006077039A

United States Patent [19]
Hsu

[11] **Patent Number:** **6,077,039**
[45] **Date of Patent:** **Jun. 20, 2000**

[54] **ELECTRIC FAN HAVING AN ATTRACTING ILLUMINATION AND SHOCK DEVICE**

4,086,720 5/1978 Wisner 43/113
4,443,965 4/1984 Gie 43/139
4,908,978 3/1990 Zacharias 43/111

[76] Inventor: **Ming Chun Hsu**, 22, An Le Street, Lu Kang Township, Chang Hua Hsien, Taiwan

Primary Examiner—Edward K. Look
Assistant Examiner—Rhonda Barton
Attorney, Agent, or Firm—Harrison & Egbert

[21] Appl. No.: **09/114,703**

[22] Filed: **Jul. 13, 1998**

[57] **ABSTRACT**

[51] **Int. Cl.**⁷ **A01M 1/04**

[52] **U.S. Cl.** **416/5; 362/96; 43/112; 43/113**

[58] **Field of Search** 416/5, 146 R, 416/247 R; 362/96, 294; 43/112, 113

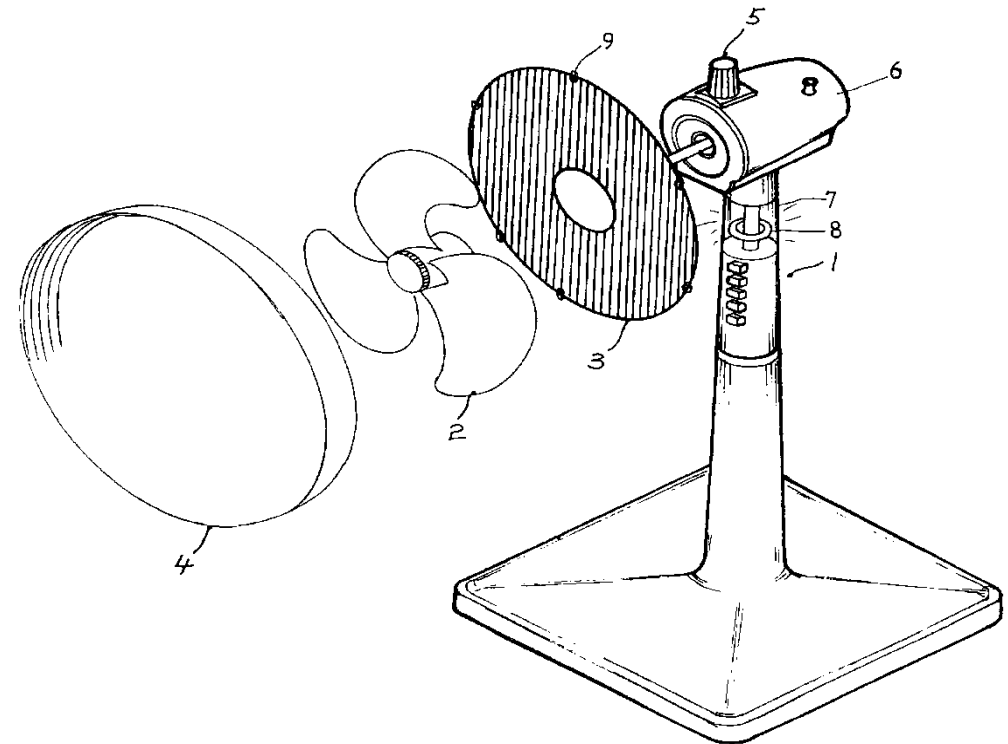
An electric fan having induce illumination and shock device is composed of a fan provided with a transparent housing at the top end of the rod. The inner net with a fixed pieces around the edge thereon, is fastened with the outer net of the fan. The arrangement allows for the fan to blow the air, to illuminate the darkness at night, and to shock the mosquitoes without any obstacles.

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,041,773 7/1962 Gagliano 43/139

1 Claim, 3 Drawing Sheets



contoh Informasi Paten
(Front Page Paten USA)

[54] **METHOD AND MEANS FOR CREATING ANTI-GRAVITY ILLUSION**
 [75] **Inventors:** Michael J. Jackson, Los Angeles; Michael L. Bush; Dennis Tompkins, both of Hollywood, Calif.
 [73] **Assignee:** Triumph International, Inc., Los Angeles, Calif.
 [21] **Appl. No.:** 905,479
 [22] **Filed:** Jun. 29, 1992
 [51] **Int. Cl.⁵** A43B 5/00; A43B 3/00
 [52] **U.S. Cl.** 36/113; 36/1; 36/136; 36/80; 36/132
 [58] **Field of Search** 36/1, 80, 103, 113, 36/114, 131, 132, 136; 482/70, 71, 105

3,889,399	6/1975	Emrich	36/1
4,445,287	5/1984	Garcia	36/114
4,538,480	9/1985	Trindle	36/131
4,645,466	2/1987	Ellis	36/132
4,762,019	8/1988	Beyl	36/131
4,882,858	11/1989	Signori	36/131
5,042,173	8/1991	Blizzard et al.	36/113

Primary Examiner—Steven N. Meyers
Assistant Examiner—M. Denise Patterson
Attorney, Agent, or Firm—Drucker & Sommers

[57] **ABSTRACT**
 A system for allowing a shoe wearer to lean forwardly beyond his center of gravity by virtue of wearing a specially designed pair of shoes which will engage with a hitch member movably projectable through a stage surface. The shoes have a specially designed heel slot which can be detachably engaged with the hitch member by simply sliding the shoe wearer's foot forward, thereby engaging with the hitch member.

[56] **References Cited**
U.S. PATENT DOCUMENTS
 1,059,284 4/1913 Dennis 36/114
 2,114,790 4/1938 Venables 36/132
 2,473,099 6/1949 Hatch 36/1

13 Claims, 4 Drawing Sheets

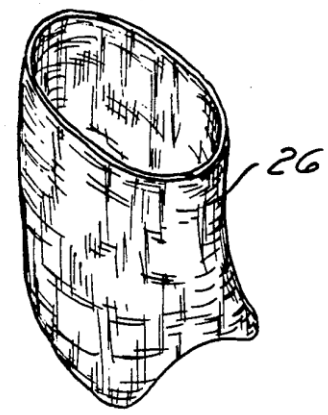


Fig. 4

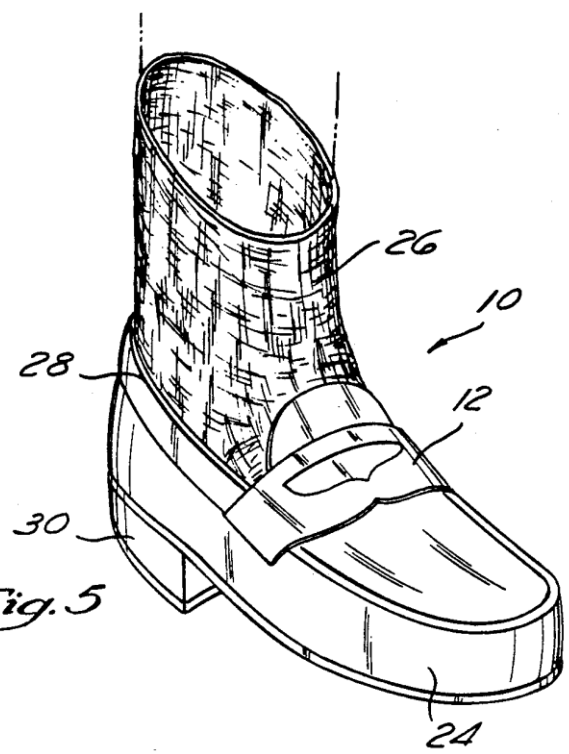


Fig. 5

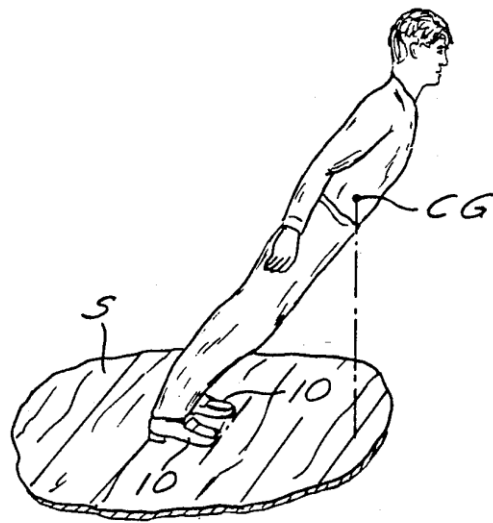
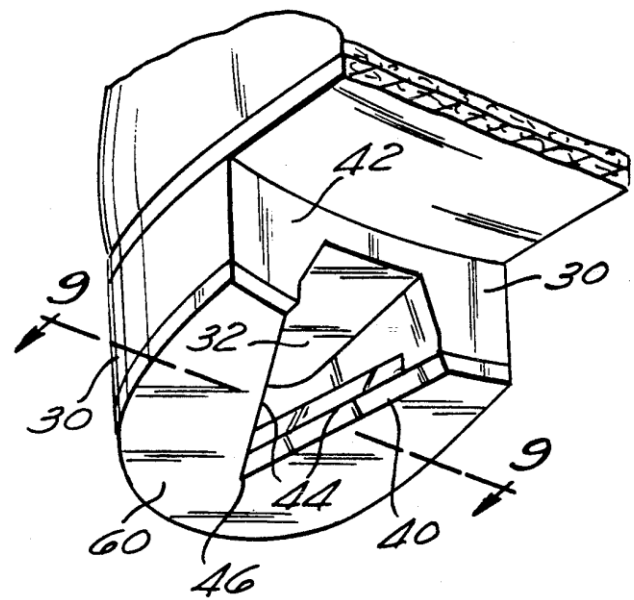


Fig. 6

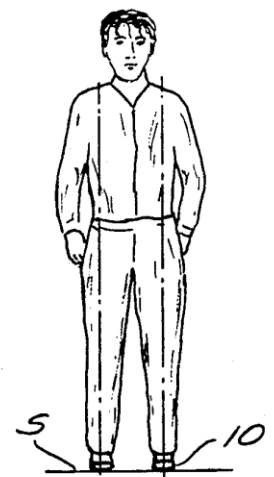


Fig. 14

Bidang² teknologi yang dapat dipatenkan ?

Klasifikasi (International Patent Classification)

- Seksi A: Human Necessities
- Seksi B: Performing Operations, Transporting
- Seksi C: Chemistry, Metallurgy
- Seksi D: Textiles, Paper
- Seksi E: Fixed Constructions
- Seksi F: Mechanical Engineering, Lighting, Heating, Weapons, Blasting engines or pumps,
- Seksi G: Physics
- Seksi H: Electricity

Internet Searching

Fee based (berbayar)

Delphion (<http://www.delphion.com>)

Micro Patent (<http://www.micropatent.com>)

Free (gratis)

HKI/IPDL (<http://e-statuski.dgip.go.id/>)

EPO (http://worldwide.espacenet.com/advancedSearch?locale=en_EP)

USPTO (<http://patft.uspto.gov/netahtml/PTO/search-bool.html>)

JPO (<http://www.jpo.go.jp/>)

Google (<http://www.google.com/patents>)

Bagaimana Status Permohonan Kekayaan Intelektual Saya ???

Telusuri yuk... di e-Status KI...

Penelusuran Status Permohonan Kekayaan Intelektual
<http://e-statuski.dgip.go.id>

TMVIEW DATABASE

PENELUSURAN MEREK ASEAN

GLOBAL BRAND DATABASE

PENELUSURAN MEREK INTERNASIONAL



Saatnya Mengajukan Permohonan Kekayaan Intelektual Secara Online

Ajukan... di E-FILING DJKI

Permohonan Merek, Paten dan Desain Industri Secara Online
<http://efiling.dgip.go.id>

E-TRADEMARK RENEWAL

PERPANJANGAN MEREK ONLINE

E-HAK CIPTA

PENCATATAN HAK CIPTA ONLINE

Nikmati Karyanya, Hargai Penciptanya & Lindungi Kekayaan Intelektual-nya

BLOG DIREKTUR JENDERAL KI



LAYANAN DATA DAN INFORMASI KEKAYAAN INTELEKTUAL DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL

Paten ▾ sepeda listrik





e-Status Kekayaan Intelektual
Direktorat Jenderal Kekayaan Intelektual

sepeda listrik Q Cari

Hasil pencarian 5 item

[Pencarian Terstruktur Paten](#)

JENIS PERMOHONAN

- Paten
- Merek
- Desain Industri

KATEGORI

- Semua Jenis Paten
- Paten
- Paten Sederhana

SORTIR

NOMOR PERMOHONAN ▼

ASC ▼

STATUS

- Ditolak
- Diberi
- Batal
- Dalam Proses
- Berakhir

Filter

JUMLAH PERMOHONAN

Paten : 117.353
Merek : 1.017.198



Batal

[SEPEDA BERTENAGA LISTRIK](#)

IPC :
 NOMOR PERMOHONAN : [P00199800872](#)
 NOMOR PATEN : 16107
 TANGGAL PENERIMAAN : 12 Jun 1998

TANGGAL PENGUMUMAN : 16 Dec 1999
 TANGGAL PENDAFTARAN : 05 Jul 2005
 TANGGAL KADALUARSA : 12 Jun 2018
 NAMA INVENTOR :

ABSTRAK

Batal

[SEPEDA LISTRIK](#)

IPC :
 NOMOR PERMOHONAN : [P00200001052](#)
 NOMOR PATEN :
 TANGGAL PENERIMAAN : 07 Dec 2000

TANGGAL PENGUMUMAN : 13 Jun 2002
 TANGGAL PENDAFTARAN :
 TANGGAL KADALUARSA :
 NAMA INVENTOR :

ABSTRAK

Diberi

[SEPEDA LISTRIK](#)

IPC : B 62 K 11/04;B 62 M 6/60
 NOMOR PERMOHONAN : [P00200900109](#)
 NOMOR PATEN : 36399
 TANGGAL PENERIMAAN : 19 Feb 2009

TANGGAL PENGUMUMAN : 17 Dec 2009
 TANGGAL PENDAFTARAN : 23 Jul 2014
 TANGGAL KADALUARSA : 19 Feb 2029
 NAMA INVENTOR : CHEN, Chuan Sheng

ABSTRAK



Smart search

Advanced search

Classification search

Quick help

- [How many search terms can I enter per field?](#)
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- [How do I enter words from the description or claims?](#)
- [Can I use truncation/wildcards?](#)
- [How do I enter publication, application, priority and NPL reference numbers?](#)
- [How do I enter the names of persons and organisations?](#)
- [What is the difference between the IPC and the CPC?](#)
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Worldwide - collection of published applications from 90+ countries ▾

Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English

Title: ⓘ

plastic and bicycle

stem cell

Title or abstract: ⓘ

hair

teeth

Enter numbers with or without country code

Publication number: ⓘ

WO2008014520

Application number: ⓘ

DE19971031696

Priority number: ⓘ

WO1995US15925

Enter one or more dates or date ranges

Publication date: ⓘ

yyyyymmdd

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- Classification search

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- [Can I save my query?](#)

Related links

Result list

Select all (0/10) Compact

10 results found in the Worldwide database for:
stem cell in the title AND **teeth** in the title or abstract

Sort by Sort order

1. **Stem cell from deciduous teeth, and preparation method and application thereof**

★ Inventor: XIA YOUHONG	Applicant: XIA YOUHONG	CPC:	IPC: A61K35/32 A61K8/98 A61P17/00 (+4)	Publication info: CN103387959 (A) 2013-11-13	Priority date: 2012-10-19
-----------------------------------	----------------------------------	-------------	---	---	-------------------------------------

2. **Application of deciduous tooth pulp to preparation of mesenchymal stem cell and culturing method of deciduous tooth pulp mesenchymal stem cell**

★ Inventor: LIU CHEN CAI PENG (+1)	Applicant: SHACHUAN TIANJIN BIOTECHNOLOGY CO LTD	CPC:	IPC: A01N1/02 C12N5/0775	Publication info: CN102807967 (A) 2012-12-05	Priority date: 2012-08-31
--	---	-------------	---------------------------------------	---	-------------------------------------

3. **A COMPOSITION AND METHOD FOR CONSERVING TOOTH STEM CELL DURING TRANSFERRING THE SAME TOOTH**

★ Inventor: KUK IL [KR]	Applicant: KOREA TOOTH CELL BANK [KR]	CPC:	IPC: A01N1/02 C12N5/02	Publication info: KR20120052180 (A) 2012-05-23 KR101416845 (B1) 2014-07-08	Priority date: 2010-11-15
-----------------------------------	--	-------------	-------------------------------------	---	-------------------------------------

4. **Stem Cell Modified Animal Model for Aging-Related Degenerations, Stem Cell Based Methods and Compositions for Extending Lifespan and Treating SLE-Like Autoimmune Diseases**

★ Inventor: SHI SONGTAO [US] YAMAZA TAKAYOSHI [US] (+1)	Applicant: SHI SONGTAO [US] YAMAZA TAKAYOSHI [US] (+2)	CPC: A01K2227/105 A01K2267/03 A01K67/0275	IPC: A01K67/027 A61K35/36 C12N5/0775 (+1)	Publication info: US2011283371 (A1) 2011-11-17	Priority date: 2008-12-09
---	--	---	--	---	-------------------------------------

5. **USE OF GENE EXPRESSION GROUP CHARACTERISTIC OF DENTAL PULP STEM CELL OF MILK TOOTH**

★ Inventor: IIFDA MINORU	Applicant: IUNIV NAGOYA	CPC:	IPC: A61K35/12	Publication info: JP2010268715 (A)	Priority date: 2009-05-20
------------------------------------	-----------------------------------	-------------	--------------------------	--	-------------------------------------

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

[Home](#) [Quick](#) [Advanced](#) [Pat Num](#) [Help](#)
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Data current through June 30, 2015..

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Term 1: in Field 1:

Term 2: in Field 2:

Select years [\[Help\]](#)

Patents from 1790 through 1975 are searchable only by Issue Date, Patent Number, and Current US Classification. When searching for specific numbers in the Patent Number field, patent numbers must be seven characters in length, excluding commas, which are optional.

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

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Searching US Patent Collection...

Results of Search in US Patent Collection db for:

TTL/electric AND TTL/car: 159 patents.

Hits 1 through 50 out of 159

Next 50 Hits

Jump To

Refine Search

PAT. NO.	Title
1 9,056,557	Conversion kit for converting a gasoline powered mid engine car to an electric powered car
2 9,003,976	Electric machine, rail vehicle and rail-mounted car set
3 8,993,142	Battery pack for electric car
4 8,991,535	Modular, customizable and scalable mechanical design for the electric car assembly based on the existing vehicle chassis
5 8,968,935	Anode for lithium ion secondary battery, lithium ion secondary battery, electric tool, battery car, and electric power storage system
6 8,932,757	Anode for lithium ion secondary battery, lithium ion secondary battery, electric tool, battery car, and electric power storage system
7 8,881,853	Battery pack mounting structure for electric car
8 8,868,235	Battery quick-change system for an electric passenger car chassis having a cartesian coordinate robot
9 8,866,438	System and method for providing reactive power using electric car battery
10 8,829,747	Electric compressor for car air conditioning
11 8,814,177	Motorized generator--powered electric car
12 8,760,095	Rotator control device, rotator system, vehicle, electric car and electric generation system

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et/water and et/turbine

Example: et/needle or et/syringe andnot (sew* or thread) or WO/2005/012345 or PCT/US2004/012345

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Results of searching in PCT for:
et/water and et/turbine: 78 records
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Title	Pub. Date	Int. Class	App. Num	Applicant
1. (WO 2009/064190) A TURBINE DEVICE FOR AN OSCILLATING WATER COLUMN POWER PLANT	22.05.2009	F03B 13/12	PCT/NO2007/000400	MILJØ-PRODUKTER AS
A device of a turbine (2) in a turbine assembly (1) for a so-called oscillating water column power plant, wherein wave-powered flow energy in the water is converted into an exploitable form of energy, such as electric energy, and wherein the turbine (2), which is submerged in the water, comprises blades (22) being pivotal relative to the turbine (2) and being structured in a manner allowing them to be pivoted between at least two positions by the water flowing through the turbine (2).				
2. (WO 2009/056225) APPARATUS FOR MOUNTING THE SHAFTS OF A MACHINE, PARTICULARLY A WATER TURBINE OR GENERATOR	07.05.2009	F16C 17/03	PCT/EP2008/008752	VOITH PATENT GMBH
The invention relates to an apparatus for mounting the shaft (1) of a machine, comprising the following elements: several tilting segments (3) which are used as plain bearings and form a lubricated bearing gap along with a gliding surface of the shaft; an internal clamping mechanism (4) for pressing the respective tilting segment against the gliding surface of the shaft; a guiding mechanism (5)				

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Search result: 1 of 78

(WO/2009/064190) A TURBINE DEVICE FOR AN OSCILLATING WATER COLUMN POWER PLANT

Biblio. Data Description Claims National Phase Notices Documents

Latest bibliographic data on file with the International Bureau

Pub. No.:	WO/2009/064190	International Application No.:	PCT/NO2007/000400
Publication Date:	22.05.2009	International Filing Date:	13.11.2007
IPC:	F03B 13/12 (2006.01)		
Applicants:	MILJØ-PRODUKTER AS [NO/NO]; P.O. Box 492, N-5501 Haugesund (NO) (All Except US). ANDERSEN, Egil [NO/NO]; (NO) (US Only).		
Inventor:	ANDERSEN, Egil; (NO).		
Agent:	HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).		
Title:	A TURBINE DEVICE FOR AN OSCILLATING WATER COLUMN POWER PLANT		
Abstract:	<p>A device of a turbine (2) in a turbine assembly (1) for a so-called oscillating water column power plant, wherein wave-powered flow energy in the water is converted into an exploitable form of energy, such as electric energy, and wherein the turbine (2), which is submerged in the water, comprises blades (22) being pivotal relative to the turbine (2) and being structured in a manner allowing them to be pivoted between at least two positions by the water flowing through the turbine (2).</p>		

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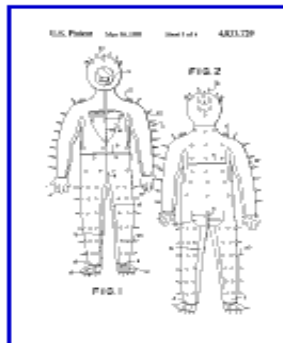
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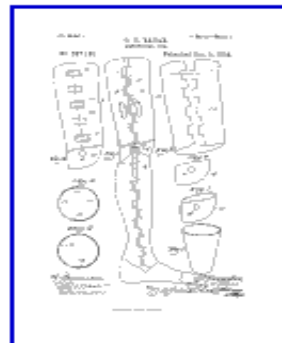
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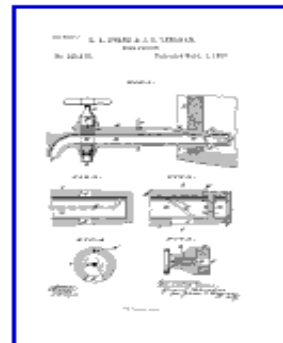
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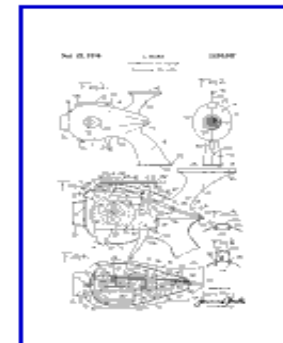
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water turbine power

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Hand-held cleaning tool with remote water turbine power source

US Pat. 4463525 - Filed Feb 22, 1982 [54] HAND-HELD CLEANING TOOL WITH REMOTE WATER TURBINE POWER SOURCE [76] Inventor: Thomas F. Sheber, 640 W. Chapala Dr., Tucson, Ariz. 85704 [21] Appl. No. ...

Power generating water turbine

US Pat. 4076448 - Filed Oct 22, 1976 2 is a cross-sectional view taken along lines 2 — POWER GENERATING WATER TURBINE 2 of FIG. 1 illustrating cross-sectional view of the multi- RELATED ...

WATER TURBINE OPERATION METHOD AND SYSTEM

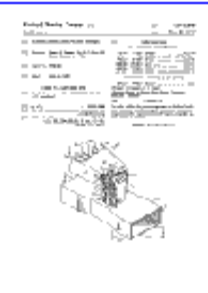
US Pat. 3658436 - Filed Mar 6, 1970 Therefore upon rotation of the runner 9 in the direction of the water turbine, the phase modifier would consume a large amount of power because of the ...

Gas turbine power plant

US Pat. 6247302 - Filed May 18, 1999 - Hitachi, Ltd. 1 is a schematic diagram of a mechanical system 65 denotes a feedwater pump for pressurizing recovery water showing a gas turbine power plant of a first

Power generating water turbine Davis A. Sanders et al

[Overview](#)
[Abstract](#)
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[Description](#)
[Claims](#)



Patent number: 4076448
Filing date: Oct 22, 1976
Issue date: Feb 28, 1978

A water turbine for generating power is disclosed utilizing a multiple scroll housing for gathering, concentrating and guiding equal amounts of water about the turbine wheel or impeller.

Inventors: Davis A. Sanders, Jr.

U.S. Classification
[415/2](#); [415/184](#); [415/205](#); [417/334](#)

International Classification
 F01D 108

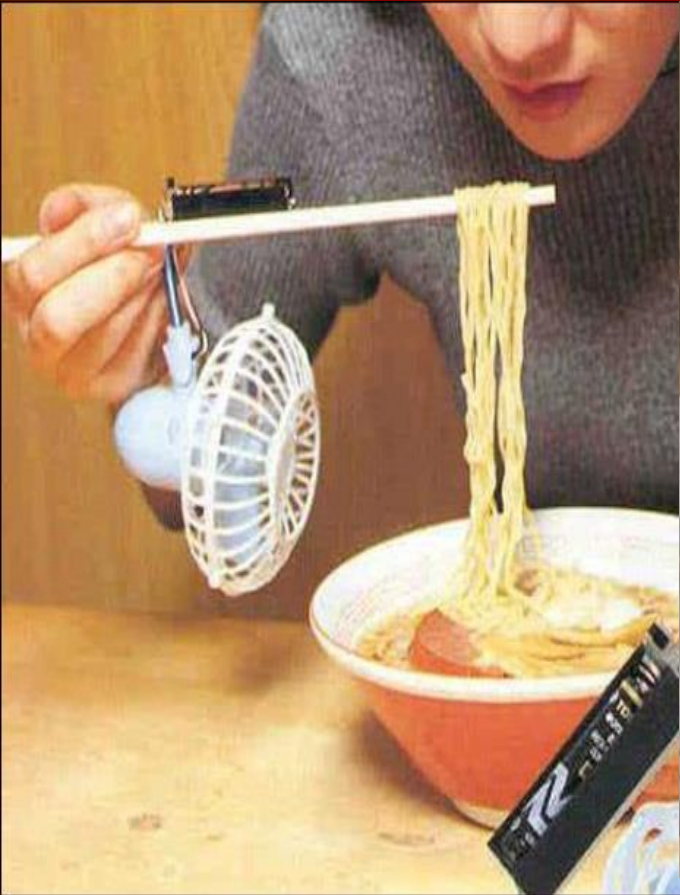
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Citations

Patent Number	Title	Issue date
28992	(unknown)	Jul 1860
264164	(unknown)	Sep 1882

INVENTION IS SIMPLE

Simple Invention



Simple Invention



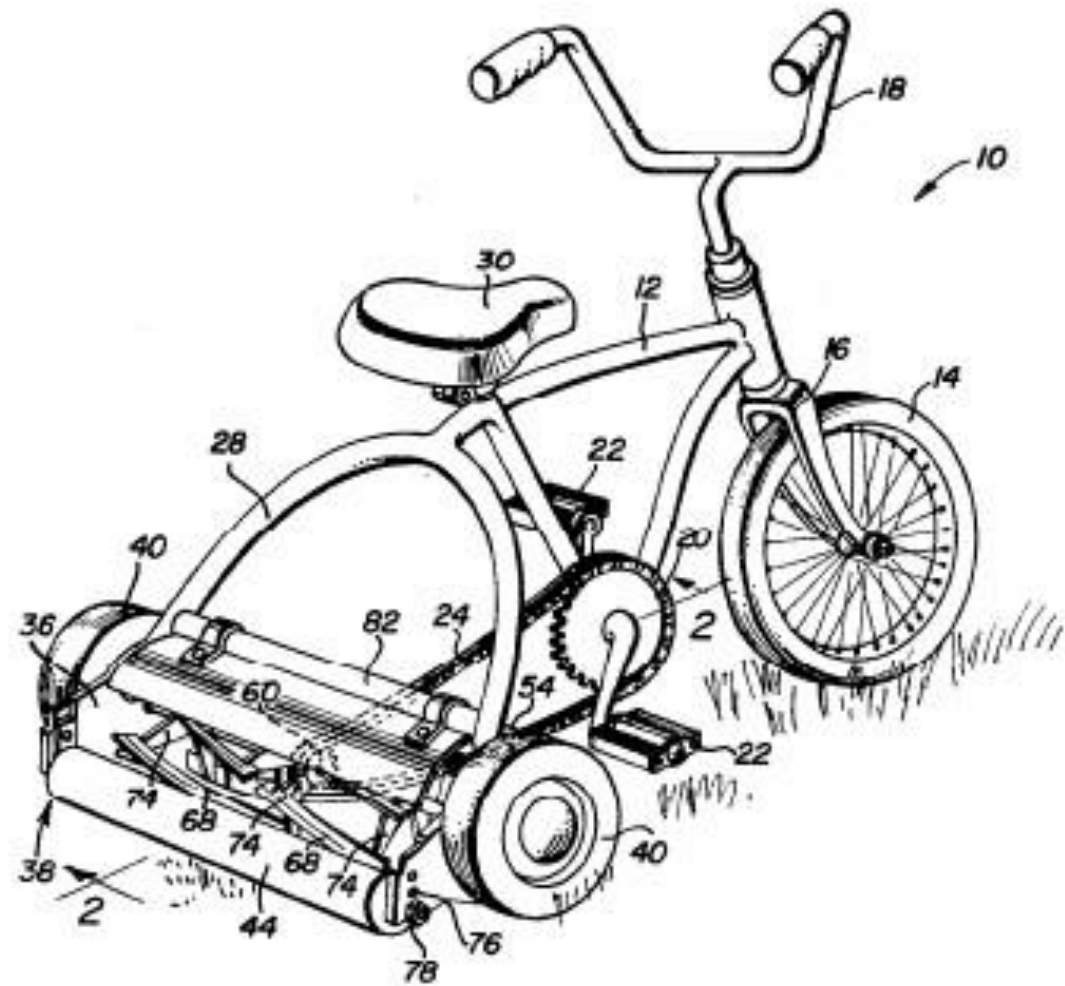
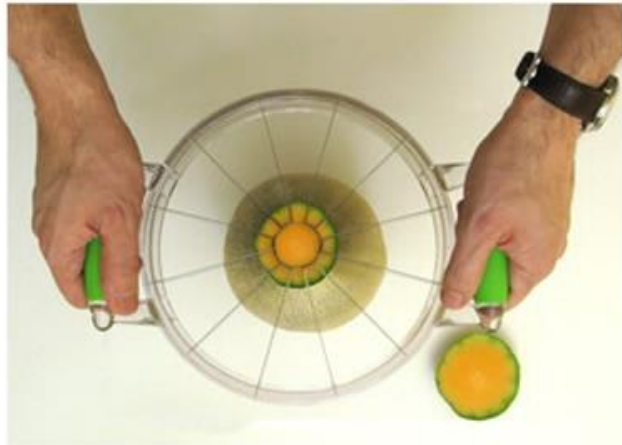
Simple Invention



Simple Invention



Simple Invention

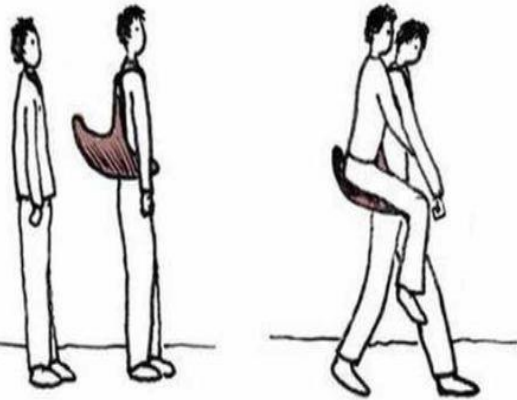
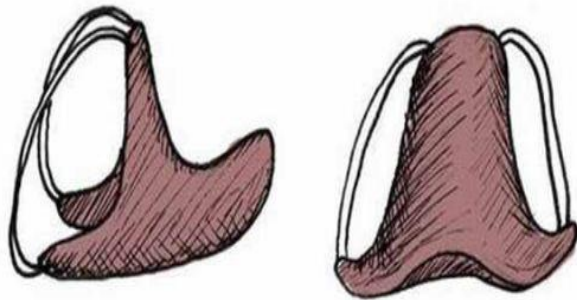


Simple Invention

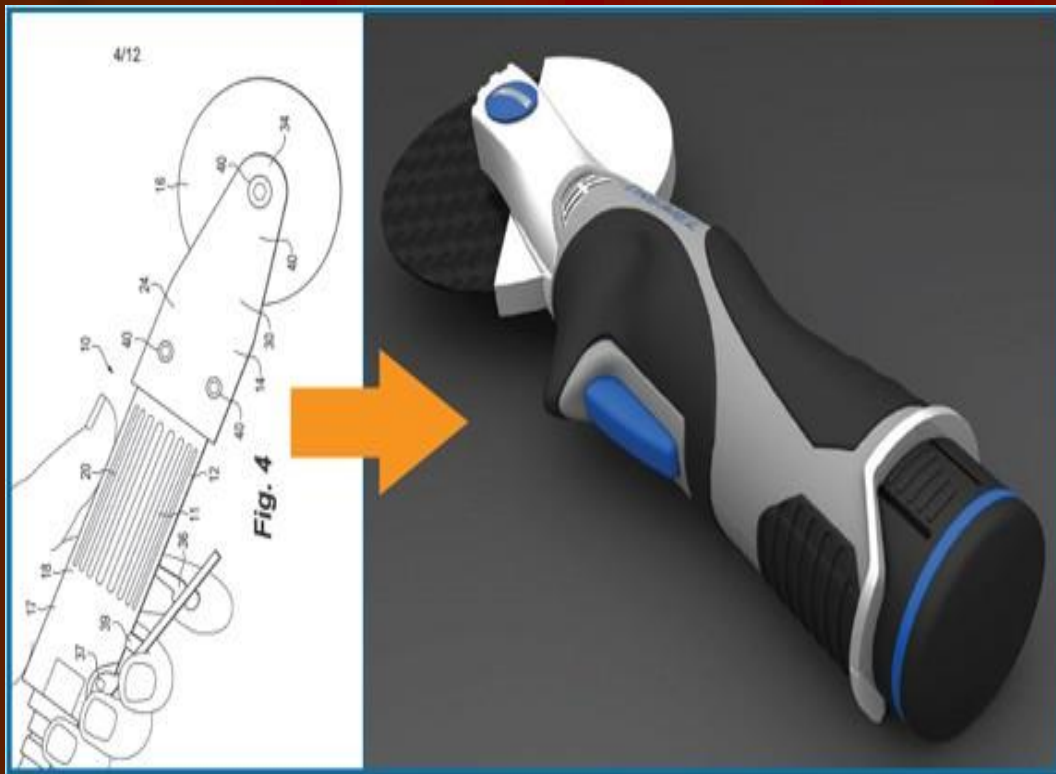


Simple Invention

Piggy back seat



Simple Invention



Simple Invention



Simple Invention



PATEN DALAM HUBUNGAN KERJA

- Pemilik Paten adalah pihak yang memberikan pekerjaan, kecuali diperjanjikan lain
- Invensi yang dihasilkan oleh karyawan/pekerja yang menggunakan data dan/atau sarana yang tersedia dalam pekerjaannya sekalipun perjanjian dalam pekerjaan tidak mengharuskan menghasilkan invensi, Pemilik Paten adalah pihak yang memberikan pekerjaan
- Inventor berhak mendapatkan imbalan yang layak

PROSES UNTUK MENDAPATKAN PATEN



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APLIKASI

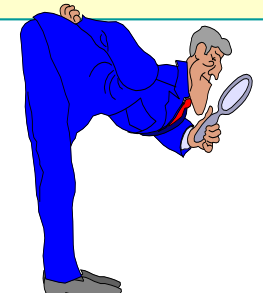
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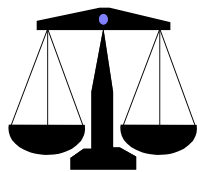


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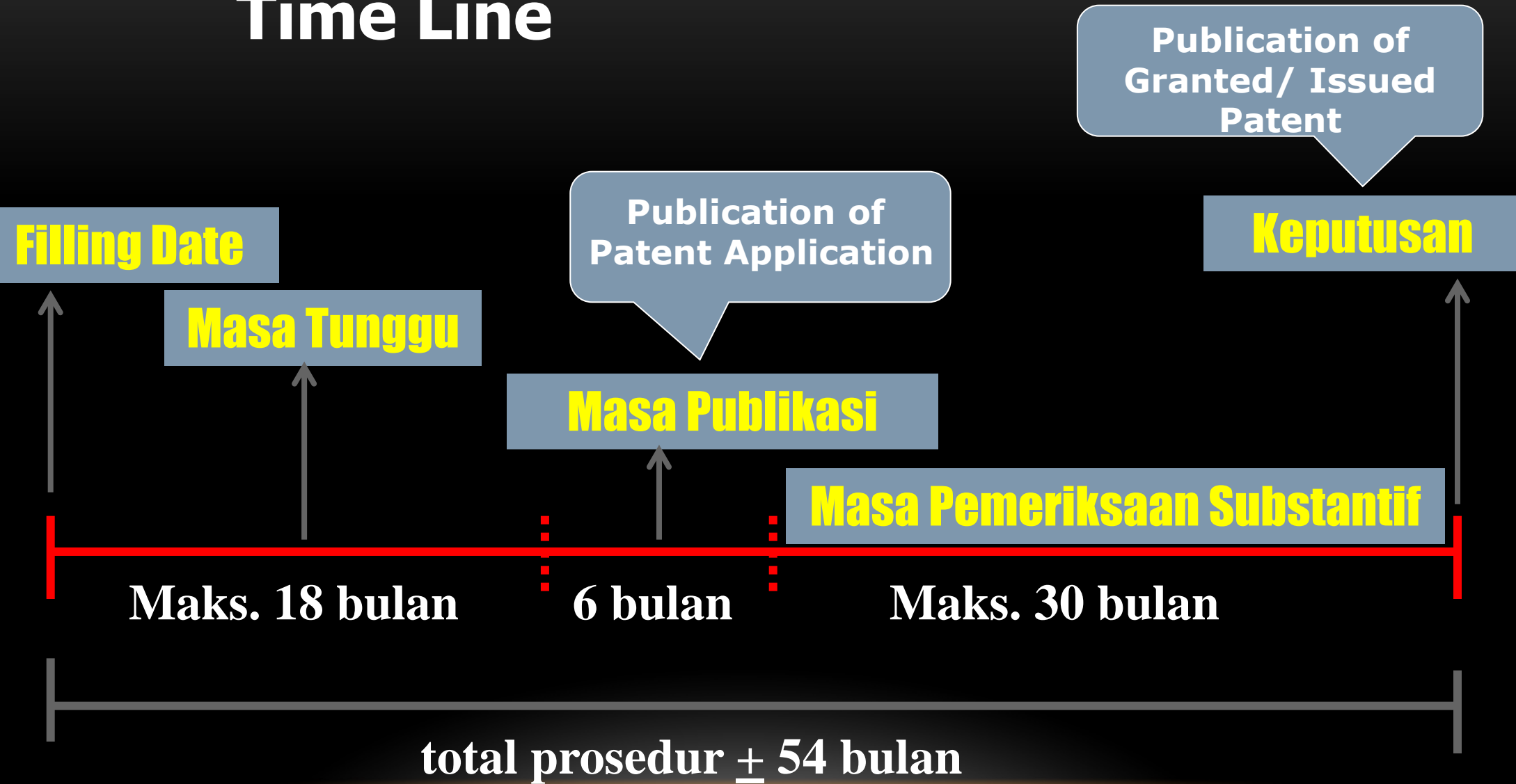
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Time Line



Undang-undang Nomor 13 Tahun 2016 Tentang Paten

Urgensi :

- Perkembangan teknologi
- Keperluan peningkatan invensi nasional
- Penyesuaian dengan perkembangan regulasi nasional maupun internasional
- Alih teknologi dan peningkatan investasi

Beberapa Isu baru di dalam UU Paten baru (1)

Perluasan objek perlindungan Paten Sederhana

Paten Sederhana diberikan untuk setiap Invensi baru atau pengembangan dari produk atau proses yang telah ada, dan dapat diterapkan dalam industri (Pasal 3 ayat (2))

Paten Sederhana diberikan hanya untuk **satu Invensi** (hanya untuk satu klaim mandiri produk atau satu klaim mandiri proses, tetapi dapat terdiri atas beberapa klaim turunan (Pasal 122 ayat (1))

Beberapa Isu baru di dalam UU Paten baru (2)

Paten dihapuskan sebagian atau seluruhnya karena:

- a. permohonan penghapusan dari pemegang paten dikabulkan oleh Menteri;
- b. putusan pengadilan yang menghapuskan paten dimaksud telah mempunyai kekuatan hukum tetap;
- c. Putusan penghapusan paten yang dikeluarkan oleh Komisi Banding paten; atau
- d. Pemegang Paten tidak memenuhi kewajiban membayar biaya tahunan.

Beberapa Isu baru di dalam UU Paten baru (3)

Inventor ASN/PNS: sebagai Pemegang Paten, mendapatkan Imbalan dan Royalti, dan dapat melaksanakan Paten dengan pihak ketiga

1. Pemegang Paten atas Invensi yang dihasilkan oleh Inventor dalam hubungan dinas dengan instansi pemerintah adalah instansi pemerintah dimaksud dan Inventor, kecuali diperjanjikan lain
2. Setelah Paten dikomersialkan, Inventor sebagaimana dimaksud pada ayat (1) berhak mendapatkan Imbalan atas Paten yang dihasilkannya dari sumber penerimaan negara bukan pajak.
3. Dalam hal instansi pemerintah sebagai Pemegang Paten tidak dapat melaksanakan Patennya, Inventor atas persetujuan Pemegang Paten dapat melaksanakan Paten dengan pihak ketiga
4. Terhadap pelaksanaan Paten sebagaimana dimaksud pada ayat (3), selain Pemegang Paten, Inventor memperoleh Royalti dari pihak ketiga yang mendapatkan manfaat ekonomi dari komersialisasi Paten tersebut
5. Terhadap pelaksanaan Paten sebagaimana dimaksud pada ayat (3), selain Pemegang Paten, Inventor memperoleh Royalti dari pihak ketiga yang mendapatkan manfaat ekonomi dari komersialisasi Paten tersebut.

Beberapa Isu baru di dalam UU Paten baru (4)

Percepatan/Pengurangan waktu penyelesaian pemeriksaan substantif

Paten, paling lama 30 (tiga puluh) bulan terhitung sejak tanggal pengajuan permohonan substantif atau berakhirnya jangka waktu pengumuman apabila permohonan substantif diajukan sebelum berakhirnya pengumuman **(Pasal 57)**

Paten Sederhana, paling lama 12 (dua belas) bulan terhitung sejak Tanggal Penerimaan Permohonan **(Pasal 124 ayat (1))**

Beberapa Isu baru di dalam UU Paten baru (5)

Pengecualian pembayaran biaya tahunan Paten bagi Perguruan Tinggi dan Litbang Pemerintah, yaitu pembebasan dan pengurangan (Pasal 126 ayat (4))

- a. Biaya Tahunan Paten untuk Tahun I – V : “Rp 0”
- b. Biaya Tahun VI sampai berakhirnya perlindungan :
“10%” x Biaya Tahun dimaksud
- c. Pengurangan biaya Permohonan sebesar “50%”

PMK Nomor 72/PMK.02/2015 (6 April 2015)

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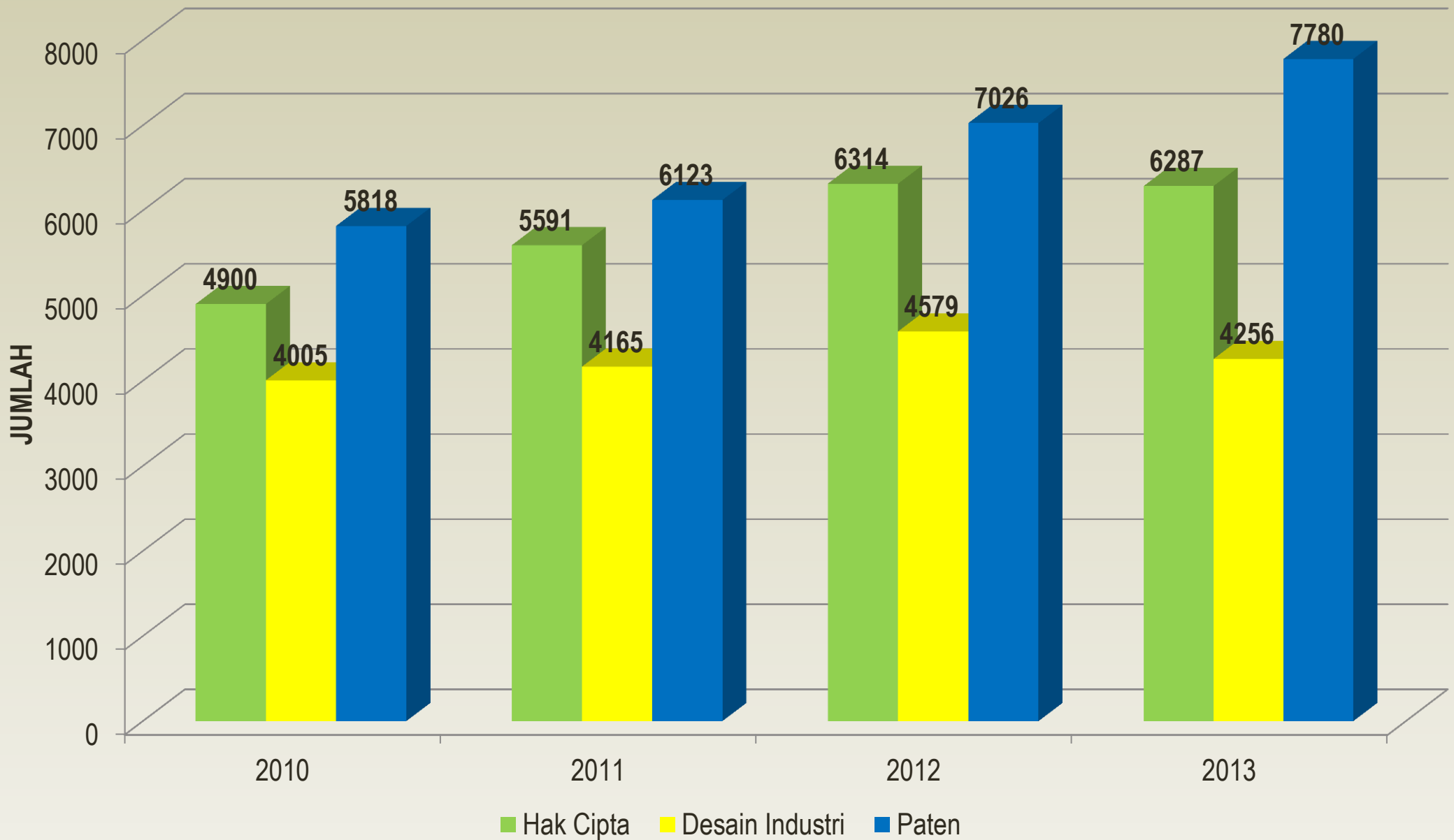
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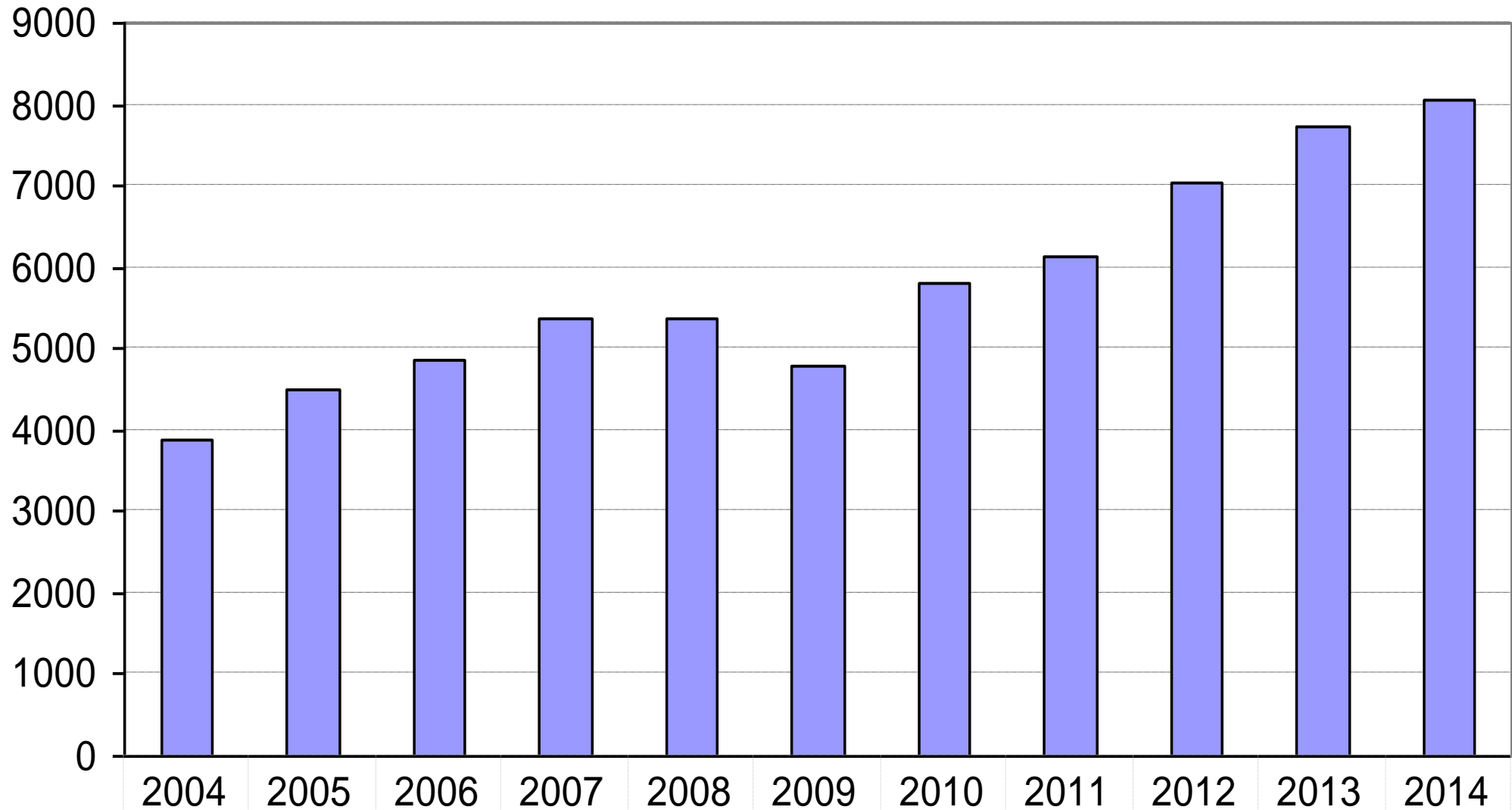
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10 BESAR NEGARA PEMOHON PATEN DI INDONESIA

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1.	AMERIKA SERIKAT	US	1211	1255	1059
2.	JEPANG	JP	1202	1115	862
3.	INDONESIA	ID	778	756	669
4.	JERMAN	DE	541	449	347
5.	SWISS	CH	342	303	276
6.	BELANDA	NL	249	289	229
7.	PERANCIS	FR	213	217	171
8.	KOREA	KR	186	182	148
9.	INGGRIS	GB	164	144	143
10.	CINA	CN	154		

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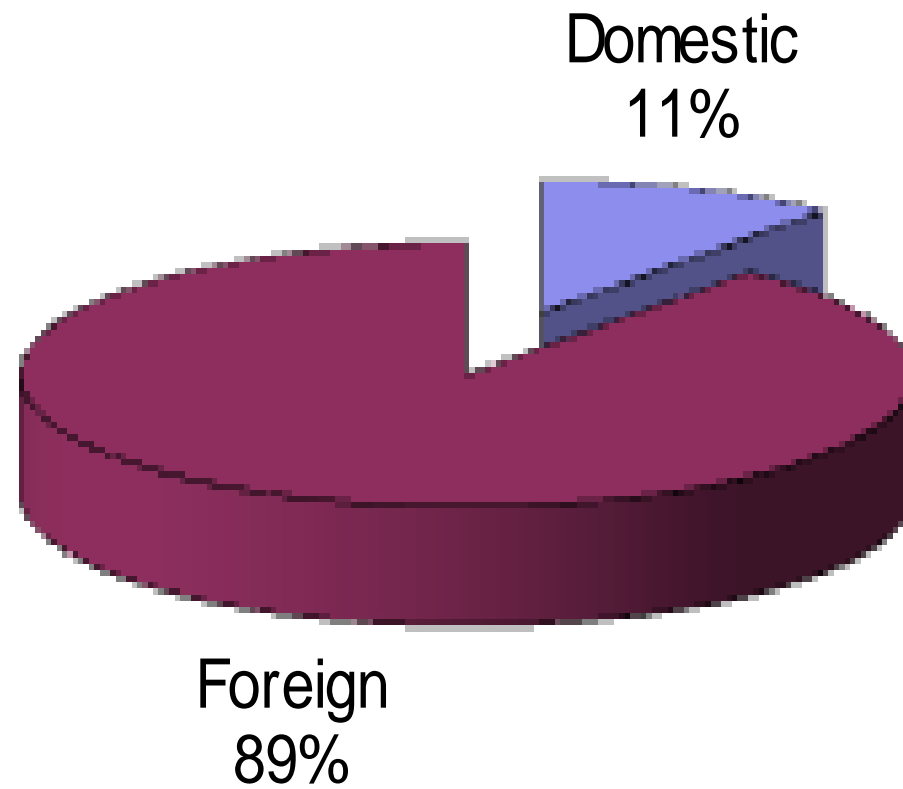
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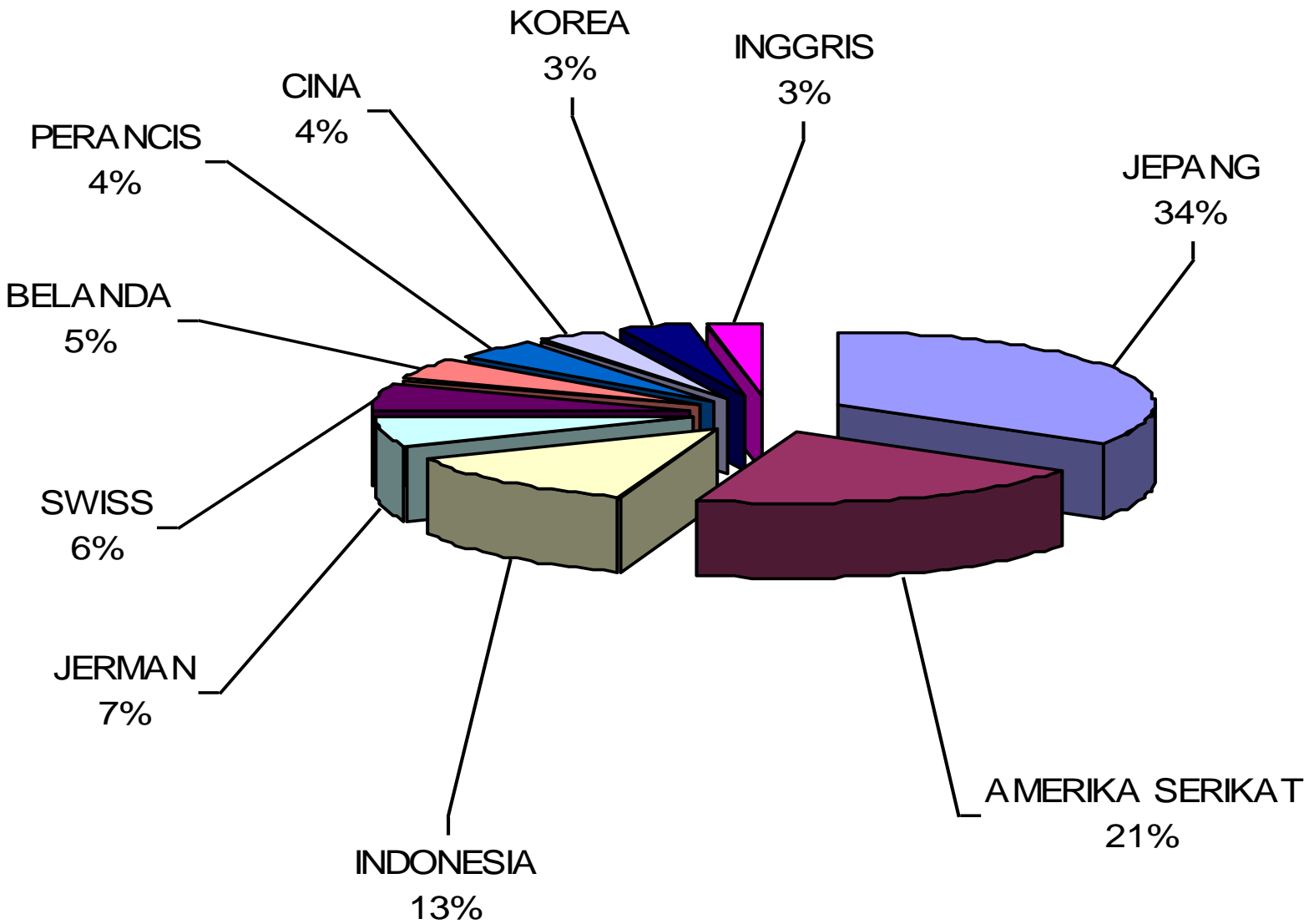
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Permohonan Paten



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PENUTUP

- Pemahaman Sistem Paten dan Informasi Paten sangat penting bagi kegiatan berkreasi, inovasi dan R&D
- Membiasakan menggunakan **informasi paten** sebagai sumber ide dalam dalam menggali ide² baru menciptakan karya kreatif yang **patentable & marketable**
- Mengeksploitasi paten-paten yang tidak didaftarkan di Indonesia atau yang telah menjadi milik umum
- Sistem Paten → **Kesejahteraan**



Terima Kasih

Informasi mengenai Paten

<http://www.dgip.go.id>

Ir. M. Zainudin, M.Eng

E-mail: mzaind2003@yahoo.com

Mobile: 08128214719