

IP Education for Students in Japan

- IP Collegium
- November 2019, Tokyo
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- Okuyama & Sasajima

Today, I will
mainly
discuss

Education for kids up to 20 years old

- Kindergartens, Elementary, Junior High and High schools, Technical Collages (*Kosen*), plus some universities

Not much about Universities

- Some, not all, universities have strong IP programs
- One university is known for mandatory requirement of IP courses for all students

List of Initiatives in Japan

Government Curriculum Guidelines

- For kindergartens, elementary, junior high and high schools

JII and JIPII

- Japan Institute of Invention and Innovation

INPIT

- National Center for Industrial Property Information and Training

JPAA

- Japan Patent Attorneys Association

Patent and Design Contests

- By INPIT and JPAA

Government Curriculum Guidelines

Kindergartens, Elementary, Junior High, and High Schools

- Public and private schools
- 4-19 years old
- Revised every nine years or so

Most recently revised in 2017-2018

- More emphasis on creativity and IP

Previous revisions in 2008-2009 included IP education

- But it did not work
- It was necessary to teach teachers about IP

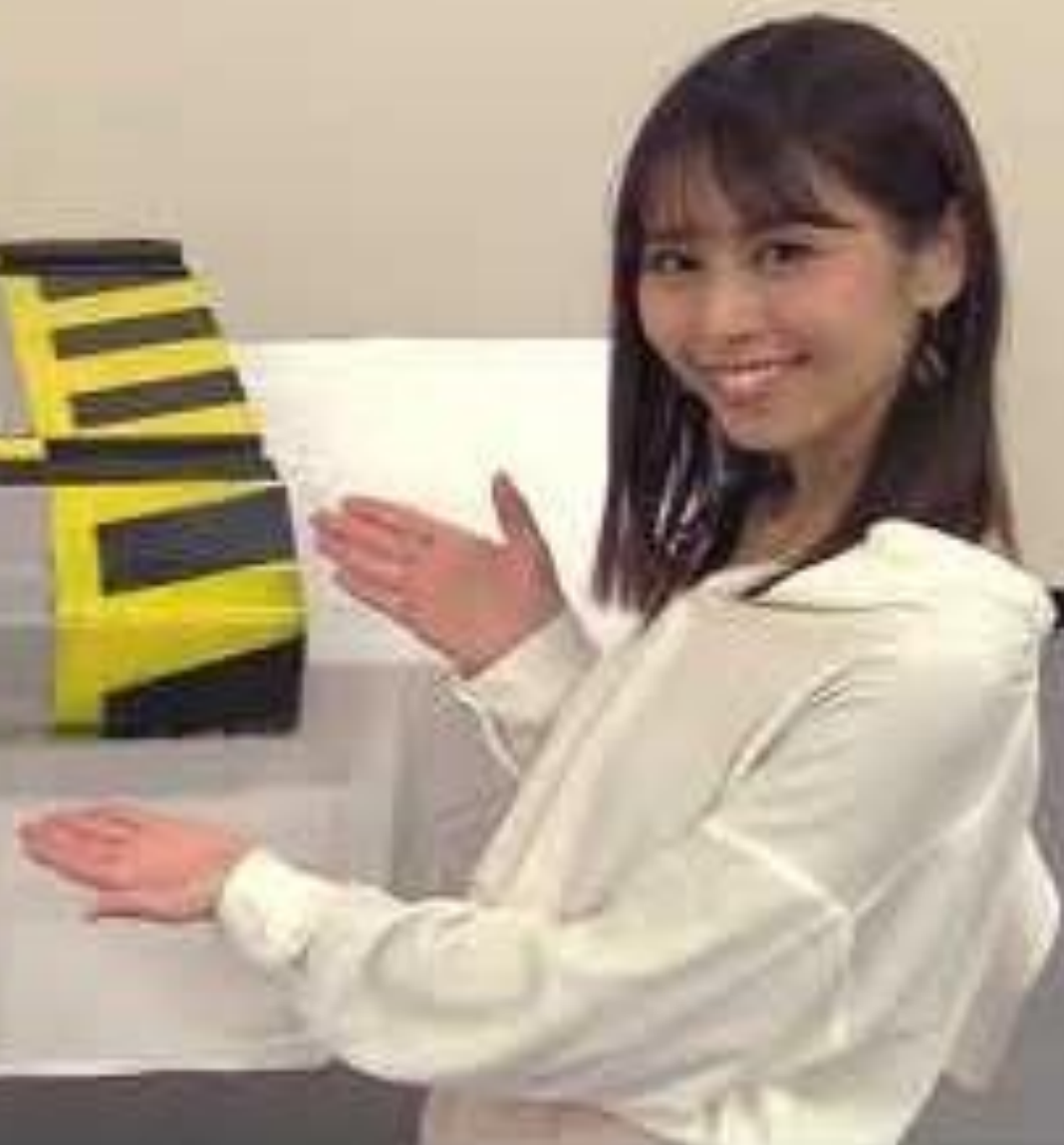
Japan Institute of Invention and Innovation

- JIPII (Japan Institute of Promotion of Invention and Innovation)
 - Whole range of education programs for kids to grown-ups like myself
- “Invention Clubs” network covering all parts of Japan
 - 219 clubs, about 9,000 students (normally 10-13 years old)
- National Challenge Creation Contest
 - For 9-16 years old, teams of three students
 - Gold Prize in 2018
- Invention and Ingenuity Contest and Exhibition
 - 6-19 years old
 - Prize winners in 2018
- International Exhibition for Young Inventors
 - [IEYI](#)2017 in Nagoya, IEYI2018 in India
 - IEYI2019 in Indonesia in October

Past Host Countries/areas			
 2004 Japan	 2005 Malaysia	 2006 India	 2007 Indonesia
 2008 Taiwan	 2009 Nigeria	 2010 Viet Nam	 2012 Thailand
 2013 Malaysia	 2014 Indonesia	 2015 Taiwan	 2016 People's Republic of China
 2017 Japan			

2号車 (山車)





“Book for Thinking about Ideas”

- For senior students at elementary schools
 - 11-12 years old
- Published by JIPPI last month
- Comes with a teacher’s manual



INPIT

- Provides JPO database service and training for examiners
- Publishes a variety of texts including those for novices

アイデア 活かそう未来へ

知的創造時代に向けて

経済産業省 特許庁 企画
独立行政法人 工業所有権情報・研修館 発行
2012



JPAA

- Japan Patent Attorneys Association
 - More than 10,000 members
- Has its own stock of materials for elementary and junior high schools and gives presentations as invited
- Prepares materials and gives lectures at high schools and universities





君のひらめきを特許権にしよう! 君のデザインを意匠権にしよう!

パテント *Inspiration*
コンテスト

デザインパテント
コンテスト *Design*

2019年度

応募期間 2019年 6月24日(月) >>> 9月27日(金) 必着

応募方法及び作品紹介

応募資格：高校生、高等専門学校生、大学生、専修学校生、大専校生
 応募の詳細（募集要項、応募書類等）及び過去の作品紹介（権利取得作品）については、(独)工業所有権情報・研修館の
 パテントコンテスト/デザインパテントコンテストホームページ
 (URL: <http://www.inpit.go.jp/jinzai/contest/index.html>) に掲載しています。



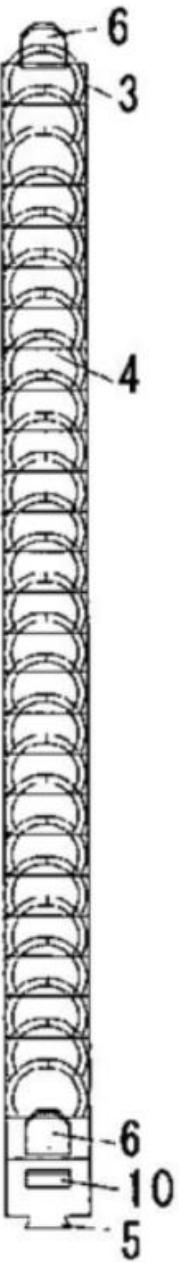
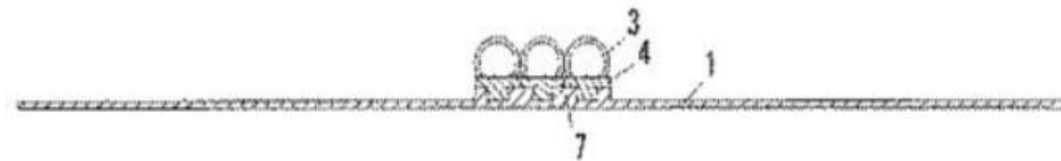
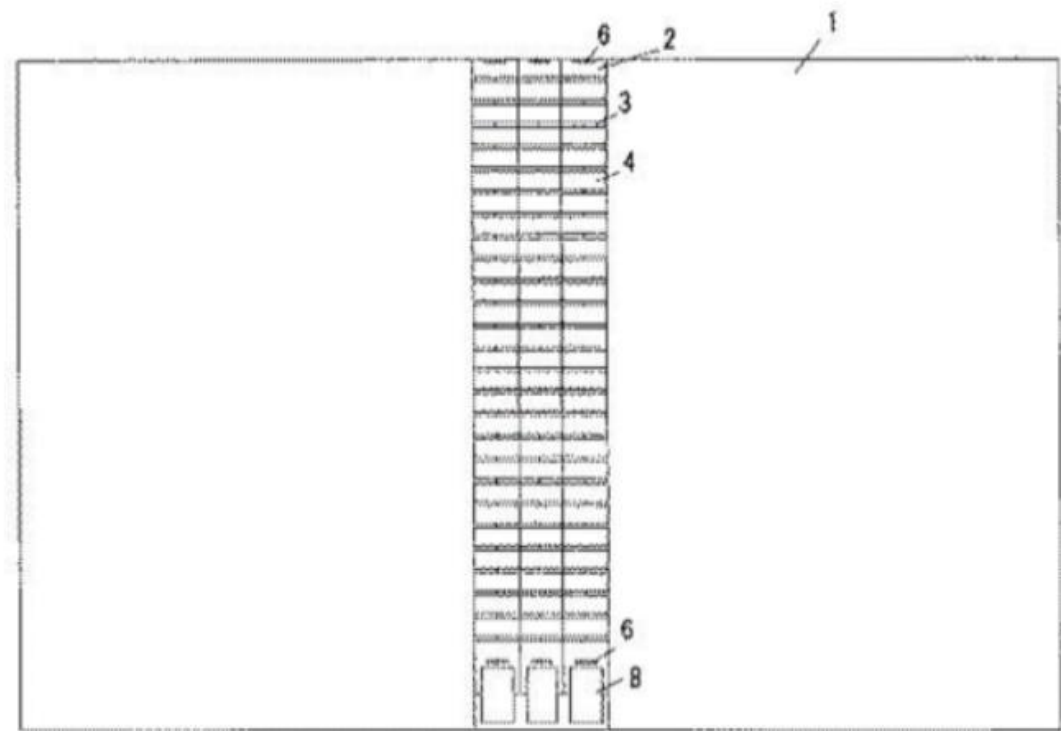
パテントコンテスト

Patent and Design Contests

- Joint efforts by INPIT and JPAA
 - Plus JPO and MEXT
- High school and university students
- INPIT carries out prior art searches
- For winners
 - No monetary awards, but can obtain a patent or design registration
 - JPAA pays for attorneys who help winners file a patent or design application
 - Official fees are waived
- **MEXT Award** also goes to schools
 - MEXT: Ministry of Education, Culture, Sports, Science and Technology
- **JPO Commissioner Award** goes to a winner who succeeded in commercializing the patented invention

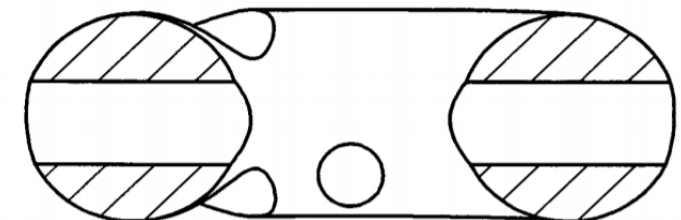
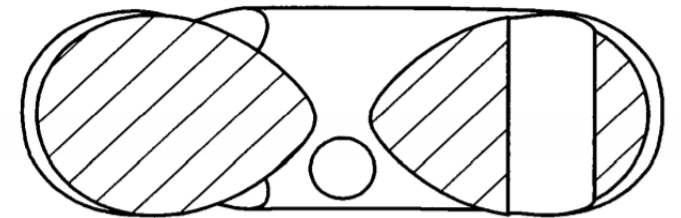
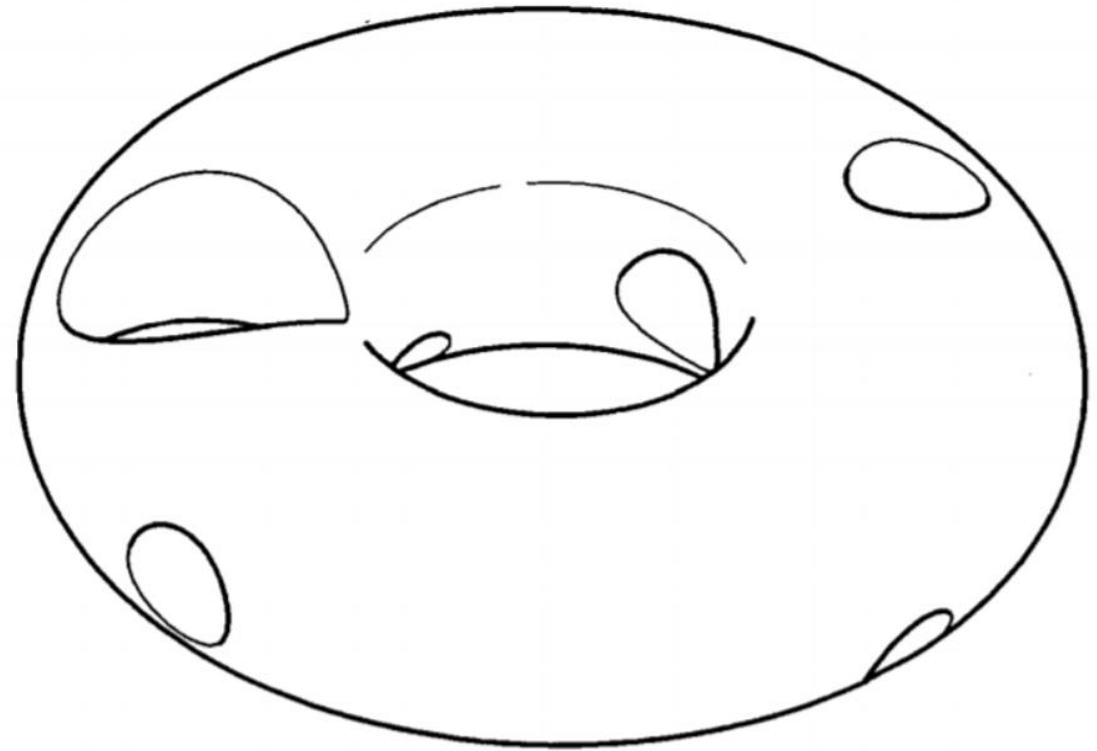
Multiple-sled Loose Leaf Binder

- 2017 Patent Contest
- Three winners
 - Mr. Daiki Omori
 - Tokushima University
 - Pat. No. 6435449
 - Filed March 2018
 - Granted Nov. 2018



Pen Holder

- may also hold other stationery such as an eraser and sticky tags
- Ms. Miyu Kimura
- Himeji Industrial High School
- Design No. 1608598
 - Filed Feb 2018
 - Reg. June 2018



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JPO Commissioner Award in 2018

- A winner of Patent Contest in 2015
- “Method for making local melon flavored ice cream”
 - A recipe for melon-flavored ice cream
 - Pat. No. 6041413 (filed Mar. 2016, granted Nov. 2016)
- A team of ten students at Gifu High School of Agriculture and Forestry
 - wanted to promote local specialty melon
 - Students produce ice cream themselves and sell at festivals





MEXT Awards in 2018

- Went to
 - Five high schools
 - Two technical colleges (*Kosen*, for 15-21 years old)
 - Two universities





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