

## Unit 3 - Week 1

## Course outline

How does an NPTEL online course work?

## Week 0

## Week 1

- What are Inventions?
- Background
- Field of Invention
- Prior Art
- Patent Classification
- Technical Advance
- What are not inventions
- Why People Invent
- How Inventions Look
- Where to Look for Inventions
- How to Catch an Invention
- Getting a working disclosure
- Searching with the disclosure
- Outcome of search
- What is a Patentability Search
- Reasons for Ordering a Patentability Search
- When a Patentability Search is Not Required
- How to Order a Patentability Search
- Limits of Patentability Search
- Patentability Search Report
- How to pitch an invention
- Identifying the inventive concept

## Quiz : Assignment 1

Week 1 Feedback : Patent Drafting for Beginners

## Week 2

## Week 3

## Week 4

## Text Transcripts

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## Assignment 1

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

Due on 2020-02-12, 23:59 IST.

## Instructions

- A. This Assignment is of 10 points. Each question is of 1 point.
- B. All the questions are compulsory.
- C. Questions 1-8 are Multiple Choice Questions with only one option correct
- D. Questions 9 and 10 are multiple choice questions with multiple options correct
- E. Students should read the questions very carefully before answering.
- F. There is no negative marking.

1) Among the following, choose the best option that describes enablement of a specification

1 point

- Sufficiency of disclosure
- Filing of complete specification
- Providing a working prototype
- Providing drawing upon request by the Controller

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Sufficiency of disclosure

2) A prior art document will not cover \_\_\_\_\_

1 point

- References of Patents
- Documents published before the priority date
- Documents published after the priority date
- Non-Patent Literature

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Documents published after the priority date

3) What can be patented under the Patents Act, 1970?

1 point

- A Pharmaceutical product
- A weapon of mass destruction
- A Time machine
- A Musical Note

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A Pharmaceutical product

4) Which among the following are not Patentable inventions

1 point

- A New product or process
- A surgical instrument
- Isolation and separation of microorganism from a mixture
- Anything contrary to established natural laws

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Anything contrary to established natural laws

5) The name of the applicant in the following US application, US 2006/0213640 A1 is

1 point

US 2006/0213640 A1

(19) **United States**  
(12) **Patent Application Publication** (10) Pub. No.: **US 2006/0213640 A1**  
**Matsuoka et al.** (43) Pub. Date: **Sep. 28, 2006**

(54) **HEAT EXCHANGER SUPPORT STRUCTURE AND HEAT EXCHANGER SUPPORTING METHOD** (30) **Foreign Application Priority Data**  
Mar. 24, 2005 (JP)..... 2005-085779

(75) Inventors: **Iwao Matsuoka**, Tokyo (JP); **Tatsuhiko Uchiyama**, Tokyo (JP); **Tadahiro Hirai**, Tokyo (JP)

(51) Int. Cl. **F28F 9/007** (2006.01)  
(52) U.S. Cl. .... 165/67; 180/68.4

(57) **ABSTRACT**  
A heat exchanger support structure has a first heat exchanger, a second heat exchanger, and a radiator core support for supporting the first heat exchanger. The first heat exchanger has a lower supporting pin projecting downward from a lower portion of the first heat exchanger. The second heat exchanger arranged in front of the first heat exchanger and having an upper portion and a lower portion. The upper portion is supported by the radiator core support and the lower portion is supported by the lower supporting pin of the first heat exchanger so that the lower supporting pin restricts a horizontal movement of the second heat exchanger and allows a vertical movement of the second heat exchanger.

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(73) Assignee: **CALSONIC KANSEI CORPORATION**

(21) Appl. No.: **11/378,310**  
(22) Filed: **Mar. 20, 2006**

- Matsuoka et al.
- Foley and Lardner LLP
- Calsonic Kansei Corporation
- Tadahiro Hirai

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Calsonic Kansei Corporation

6) Statement 1 :Abstract is part of the complete specification and carries precise summary of the invention  
Statement 2: Abstract can be more than 150 words but lesser than 200 words

1 point

- Statement 1 is true, 2 is false
- Statement 1 is false, 2 is true
- Statements 1 and 2 are false
- Statements 1 and 2 are true

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Statement 1 is true, 2 is false

7) Statement 1: Every complete specification shall end with a claim defining the scope of the invention for which protection is claimed  
Statement 2: Title of a patent application cannot be more than 15 words

1 point

- Statement 1 is true, 2 is false
- Statement 1 is false, 2 is true
- Statements 1 and 2 are false
- Statements 1 and 2 are true

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Statements 1 and 2 are true

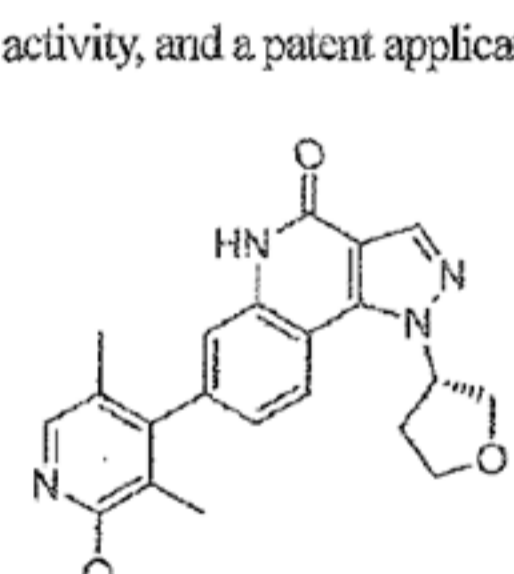
8) What is the inventive concept in the following Granted Patent, IN 318771. The summary of the invention is shown below

1 point

**Summary of Invention**

**Technical Problem**

[0006] A compound represented by the following formula (I) ((S)-7-(2-methoxy-3,5-dimethylpyridin-4-yl)-1-(tetrahydrofuran-3-yl)-1H-pyrazolo[4,3-c]quinolin-4(5H)-one; hereafter referred to as compound (I)) was found as a novel compound with PDE9 inhibitory activity, and a patent application for those inventions was filed (PC1/JP2012/075748):



(I)

[0007] Concerning compounds with a potential to be used as pharmaceuticals, the physical properties of salts thereof or crystals of the salts generally have huge effects on the bioavailability of the drug, purity of the drug substances, pharmaceutical formulations and the like.

[0008] An object of the present invention is therefore to provide a salt of compound (I) or a crystal thereof with a potential to be used as drug substance in pharmaceuticals, and with improved dissolution and oral absorption characteristics.

- Preparation of a Novel compound as shown in Formula I
- Preparation of a Novel compound of a novel compound with PDE 9 inhibitory activity
- Pharmaceutical composition including a salt or crystals of Formula I
- Preparation of isomer as shown in Formula I

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Pharmaceutical composition including a salt or crystals of Formula I

9) The Background of a complete specification must explain

1 point

- Summarize the invention
- Prior art
- Technical gap/void in the prior art
- The best method to carry out the invention

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Prior art  
Technical gap/void in the prior art

10) Which of these following statements are the requirements of a disclosure?

1 point

- Fully and particularly describe the invention
- Fully and particularly describe its operation / use
- Fully and particularly describe method of performance
- Disclose the best method of performance

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Fully and particularly describe the invention  
Fully and particularly describe its operation / use  
Fully and particularly describe method of performance  
Disclose the best method of performance