

# Claim Sets

## Topic 6

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*Takao Matsui*

Patent Attorney,  
Okabe International Patent Office , (Tokyo Japan)

Japan Patent Attorneys Association (JPAA)

# Claim Sets

- ✓ Independent Claims and dependent Claims
  - Currently, all countries allow multiple claims in an application. An invention can be protected by a set of multiple claims from different perspectives.
  - The claim set using independent and dependent claims is one of the ways to protect an invention in the different levels.
  - An independent claim is a claim listing features without reciting other claims. A dependent claim is a claim depending on claims and narrower than an independent claim.

# Claim Sets

## ✓ Independent Claims and dependent Claims

**A dependent claim is an independent claim !**

1. A vessel for dispensing a liquid comprising a hollow body adapted to be filled with a liquid and means for discharging the liquid, characterized in that the means for discharging the liquid consists of a plurality of spouts.

2. A vessel for dispensing a liquid comprising a hollow body adapted to be filled with a liquid and means for discharging the liquid, characterized in that the means for discharging the liquid consists of a plurality of spouts, wherein the vessel has a handle.

# Claim Sets

## ✓ Independent Claims and dependent Claims

**A dependent claim is an independent claim !**

1. A vessel for dispensing a liquid comprising a hollow body adapted to be filled with a liquid and means for discharging the liquid, characterized in that the means for discharging the liquid consists of a plurality of spouts.

2. A vessel according to Claim 1, wherein the vessel has a handle.

# Claim Sets

## ✓ Independent Claims and dependent Claims

- Types of independent claims

1. Independent Claim  $X = A + B + C$

Dependent Claim  $X = A + B + C + D$

2. Independent Claim  $X = A + B + C$

Dependent Claim 1  $C=C1$  ( $X = A + B + C1$ )

Dependent Claim 2  $C=C2$  ( $X = A + B + C2$ )

# Claim Sets

- ✓ Independent Claims and dependent Claims
  - An independent claim is a claim listing features without reciting other claims. A dependent claim is a claim merely reciting the features of another claim.
  - The set of claims are a cluster of claims as measure for protecting an invention.
  - For what a dependent claim is needed although an independent claim is broader?

# Claim Sets

- ✓ Independent Claims and dependent Claims
  - Functions of dependent claims are:
    - 1) to show a concrete embodiment as a substitution of an abstract word of an independent Claim  
e.g. “vessel” in an independent claim vs “pot” or “kettle”
    - 2) to be a shield that is still valid, even if an independent claim is invalid or revoked
    - 3) to make the invention in an independent claim clear.

# Claim Sets





# Claim Sets

## ✓ Independent Claims and dependent Claims

### < Example 1 >

1. A vehicle comprising:
  - a body frame member;
  - a turn member rotatably supported by the body frame;
  - a first wheel rotatably supported by the turn member;

and

a second wheel rotatably by the body member so that a position at which the first wheel contacts a grand is on a trace on a grand formed by a rotation of the second wheel.

2. A vehicle according to Claim 1, **further comprising** a saddle provided on the body frame member.

# Claim Sets

## ✓ Independent Claims and dependent Claims

### < Example 2 >

1. A vehicle comprising:

a body frame member;

a turn member rotatably supported by the body frame;

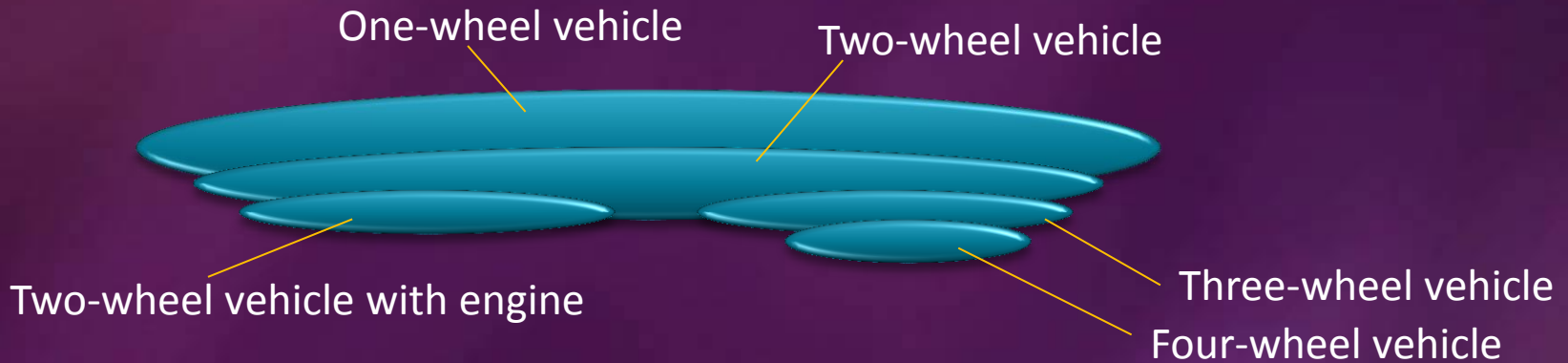
a first wheel rotatably supported by the turn member;

and

a second wheel rotatably by the body member so that a position at which the first wheel contacts a ground is on a trace on a ground formed by a rotation of the second wheel.

2. A vehicle according to Claim 1, wherein a diameter of **the first wheel** is the same as a diameter of **the second wheel**.

# Claim Sets



- The relationship between an independent claim and dependent claim corresponds to invention layers.

# Claim Sets

- 1. A vehicle comprising:  
a wheel unit provided on ...
  
- 2. A vehicle according to Claim 1, wherein the wheel unit has one wheel...
  
- 3. A vehicle according to Claim 1, wherein the wheel unit has two wheel...

# Claim Sets

✓ Multiple dependent Claim

1. A vehicle comprising: ....
2. A vehicle according to Claim 1: ....
3. A vehicle according to Claim 1 and 2: ....

Claim 3 is a multiple dependent Claim.

4. A vehicle according to any one of Claims 1 to 3: ....

Claim 4 is a multiple-multiple dependent Claim that is a multiple claim depending from the multiple dependent Claim 3.

*Thank you for your attention.*

matsui@okabeintl.gr.jp