

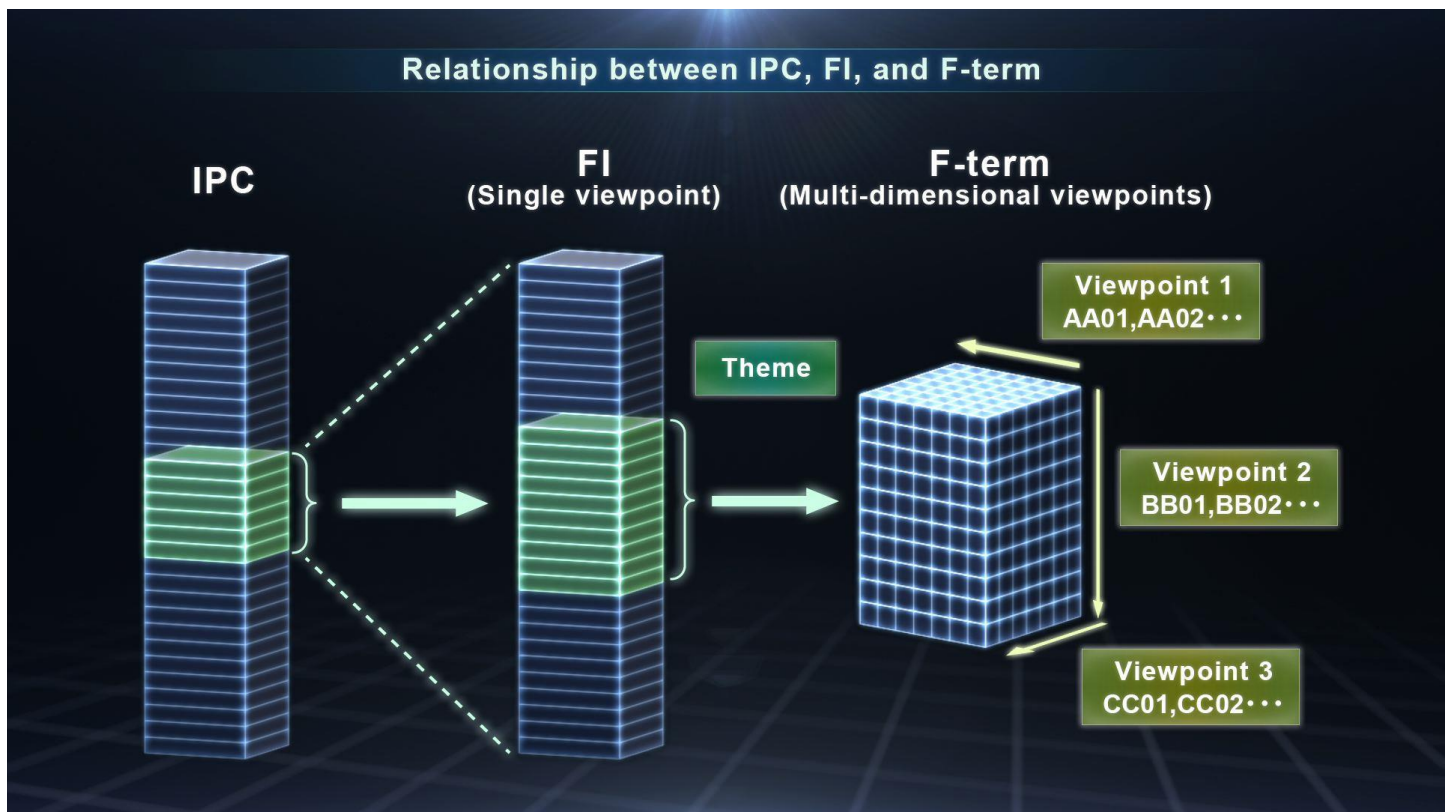
“The Industrial Property Rights System in Japan”
Chapter 2. The Patent System and Utility Model System

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 For "Number Search", please click on the right button. (Number Search)

Applicant, Title of invention, Abstract — e.g. computer semiconductor
 Please input a SPACE between each keyword when you use more than one keyword.
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AND AND AND

Date of publication of application — e.g. 19980401 - 19980425
 AND

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Case study: An umbrella with LED lights installed at the end of the ribs to improve safety at night

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Walking sticks; Sticks for umbrellas

- [1/00](#) Sticks with supporting, hanging or carrying means
- [3/00](#) Sticks combined with other objects
- [5/00](#) Walking sticks or umbrellas convertible into seats; Hunting
- [7/00](#) Other sticks, e.g. of cranked shape
- [9/00](#) Details

Umbrellas

- [11/00](#) Umbrellas characterised by their shape or attachment
- [13/00](#) Umbrellas made of paper
- [15/00](#) Umbrellas with detachable covers
- [17/00](#) Tilttable umbrellas
- [19/00](#) Special folding or telescoping of umbrellas
- [21/00](#) Umbrellas convertible into walking sticks
- [23/00](#) Other umbrellas

- [25/00](#) Details of umbrellas (sticks for umbrellas A45B 1/00-A45B 9/00; illuminating devices for umbrellas A45B 3/02)

Z Others

- [3/02](#) . with illuminating devices
- [3/04](#) . . electrical
 - A having a lighting device on the end
 - B having a lighting device on the grip
 - C having lighting devices on multiple positions
 - D having a lighting device on a stick
- Z Others
- [3/06](#) . with coat-hangers
- [3/08](#) . with measuring or weighing appliances
- [3/10](#) . with purses

- [25/08](#) . . Devices for fastening or locking
 - A Attachment with the grip shaft
 - B Lathe engaging device for opening the umbrella
 - Z Others
- [25/10](#) . Umbrella crowns
- [25/12](#) . Devices for holding umbrellas closed, e.g. magnetic devices
 - A Ball stopper (having no spring)
 - B Automatic umbrella opening ball stopper (spring provided)
 - C Automatic umbrella opening lock device (safety device)

FI/ F-term Search



Publication Date --- e.g. 20010101-20031231

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FI/F-term/facet --- e.g. AA01+[A63F9/22-ZAA]

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3. [JP.05-095311.U\(1993\)](#)

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JAPANESE [JP.05-095311,U]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART
EFFECT OF THE INVENTION TECHNICAL PROBLEM MEANS OPERATION
EXAMPLE DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

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1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.*** shows the word which can not be translated.
3.In the drawings, any words are not translated.

CLAIMS

[Claims]
[Claim 1]A safe umbrella which is what attached the light emitting diode 1 at a tip of a bone of an umbrella, builds the switch 3, its power supply, and the control device 4 into the grip section 2 of a handle, and could be made to carry out lighting blink of the light emitting diode 1.

[Translation done.]

Drawing selection Representative drawing

[Translation done.]

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Type

Document Number

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A1 : WO1998-123456 or WO98-123456
U, B, Y : 3234567

Display type ☐ File Wrapper Information ☒ Patent Family

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Search from OTHER Application/Priority Number

Application Number

Priority Number

e.g. : US-2003-668357, WO-1998-US012345

SEARCH

Two databases “IPDL” & “AIPN”

