

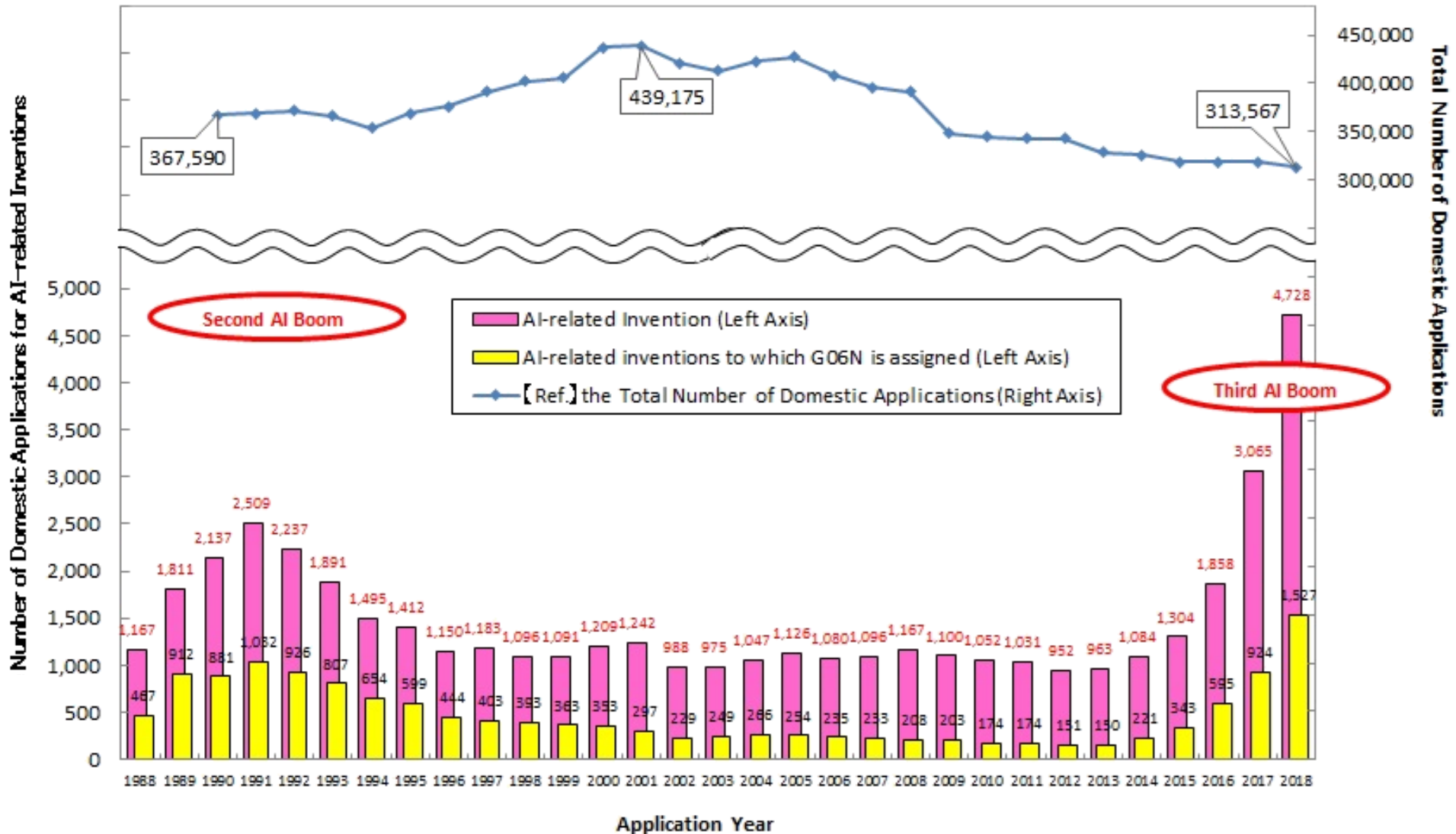
# *JPO's Initiatives for AI-Related Inventions Patentability issues*

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December 2020  
Japan Patent Office  
TANIMOTO Remi



# Recent Trends in AI-related Inventions



# JPO AI-Related Invention Initiatives

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Solicited public comments for AI-related inventions  
(Oct. 2018-Nov. 2018)



Added case examples of AI-related inventions  
to Patent Examination Guidelines/Handbook (Jan. 2019)



**Held the International Symposium for AI-Related  
Invention Patent Examination Practices (Nov. 2019)**



**Contributed to WIPO IP and AI Conversation during  
the second session (Jul. 2020)**

What points should be focused on  
in the acquisition of patent rights  
in multiple countries?

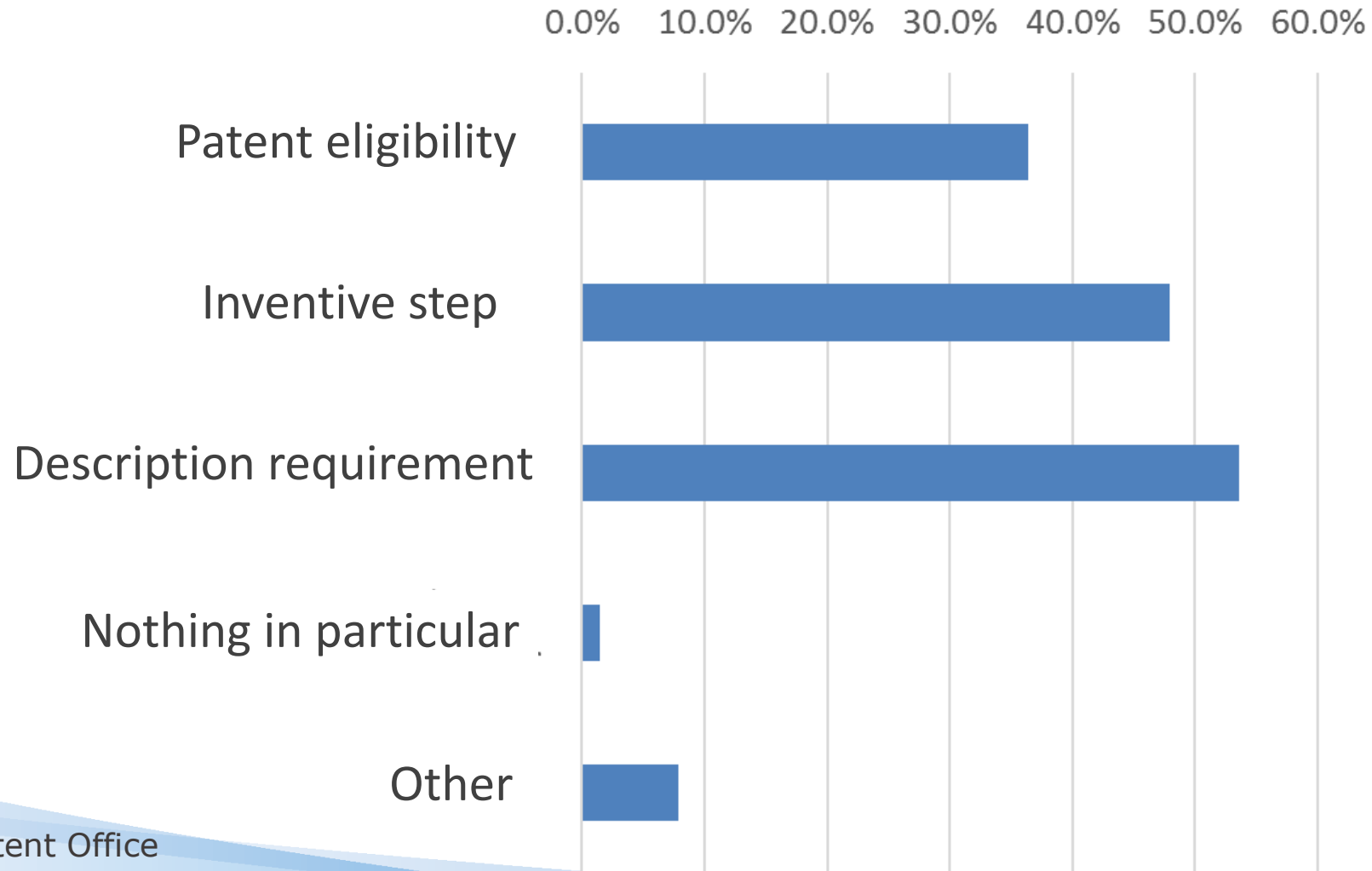
# International Symposium AI-Related Invention Patent Examination Practices

- Experts from the IP5 offices
- Common case examples for comparison
- Key points in examination practices
  - ✓ Patent eligibility
  - ✓ Inventive step
  - ✓ Description requirements



# Questionnaire Results

## Needs for enrichment of the examination guideline



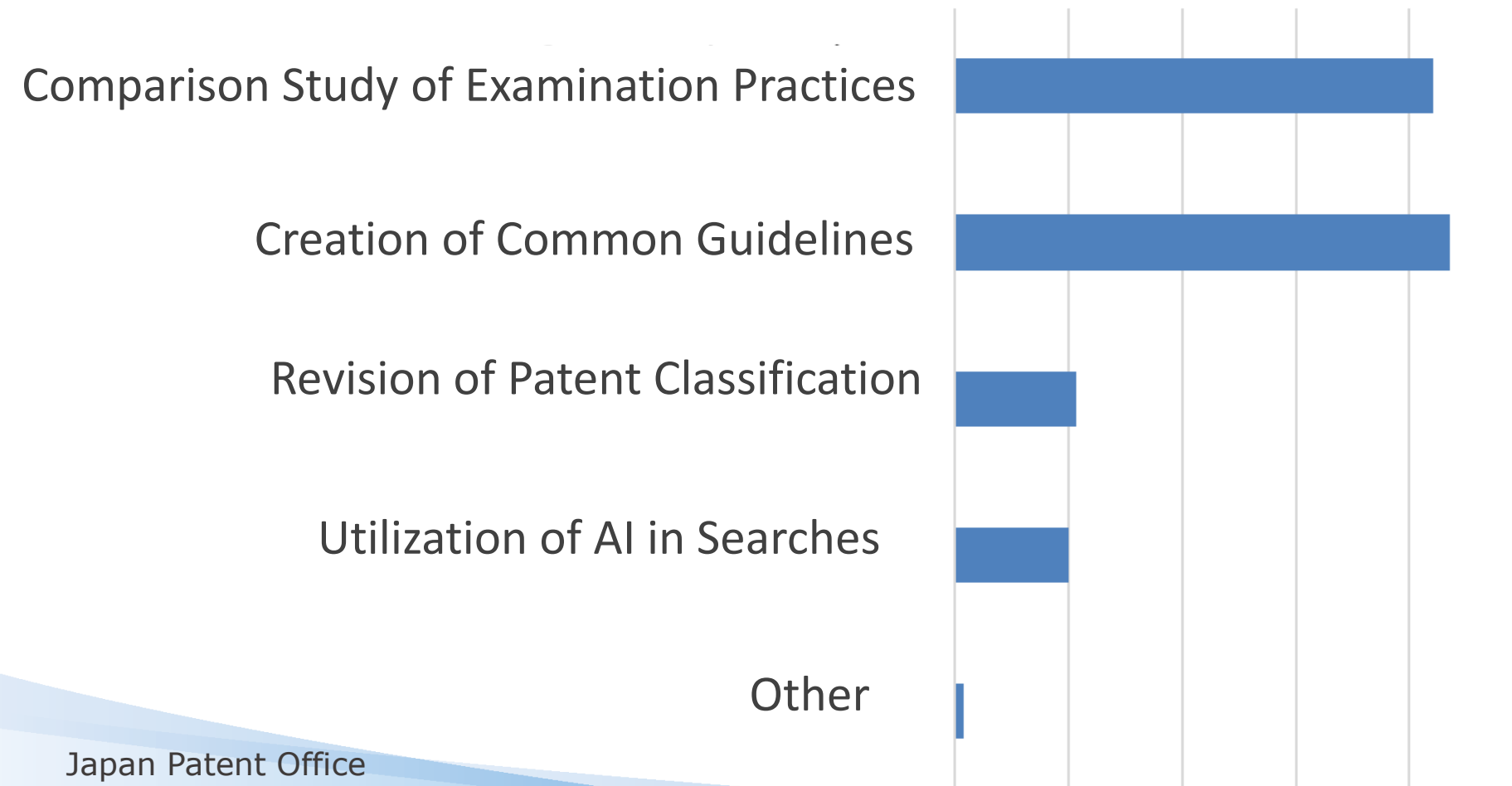
## Concerns with Applications, Examinations and Enforcement of Rights

- Differences in the examination guidelines/criteria among IP offices
- Ambiguous requirements of the description
- Difficulties with the patent applications and the creation of claims for AI-related inventions
- Low predictability of AI-related Inventions

# Questionnaire Results

## Expectation of IP5 Cooperation

0.0% 10.0% 20.0% 30.0% 40.0% 50.0%





# JPO Views and Future AI-Related Work

## Views

- △ Not necessary to create new specific examination standards for AI-related inventions
- ◎ Very important to provide specific case examples to clarify how examination standards are applied

## Future Work

- Continue to focus on user opinions and contribute to discussions with WIPO and other IP offices for further clarification of examination practices

# Thank you!!

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International Policy Division, JPO

