

Special Union for the International Patent Classification (IPC Union) IPC Revision Working Group

Forty-Ninth Session
Geneva, April 24 to 28, 2023

REPORT

adopted by the Working Group

INTRODUCTION

1. The IPC Revision Working Group (hereinafter referred to as “the Working Group”) held its forty-ninth session in Geneva from April 24 to 28, 2023. The following members of the Working Group were represented at the session: Brazil, Bulgaria, Canada, China, Czech Republic, Finland, France, Germany, Ireland, Israel, Japan, Kyrgyzstan, Mexico, Netherlands, Norway, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saudi Arabia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, United States of America, the Eurasian Patent Organization (EAPO) and the European Patent Office (EPO) (29). Hungary, India and European Law Students’ Association (ELSA) were represented as observers. The list of participants appears as Annex I to this report.

2. The session was opened by Mr. K. Natsume, Assistant Director General, Infrastructure and Platforms Sector, the World Intellectual Property Organization (WIPO), who welcomed the participants.

OFFICERS

3. Mr. J. Cowen (United Kingdom) was elected as Chair and Ms. N. Beauchemin (Canada) as Vice-Chair at the last session of the Working Group for the IPC revision cycle of 2022 – 2023.

4. Mrs. N. Xu (WIPO) acted as Secretary of the session.

ADOPTION OF THE AGENDA

5. The Working Group unanimously adopted the revised agenda, which appears as Annex II to this report.

DISCUSSIONS, CONCLUSIONS AND DECISIONS

6. As decided by the Governing Bodies of WIPO at their tenth series of meetings held from September 24 to October 2, 1979 (see document AB/X/32, paragraphs 51 and 52), the report of this session reflects only the conclusions of the Working Group (decisions, recommendations, opinions, etc.) and does not, in particular, reflect the statements made by any participant, except where a reservation in relation to any specific conclusion of the Working Group was expressed or repeated after the conclusion was reached.

REPORT ON THE FIFTY-FORTH SESSION OF THE IPC COMMITTEE OF EXPERTS

7. The Working Group noted an oral report by the Secretariat on the fifty-fourth session of the IPC Committee of Experts (hereinafter referred to as “the Committee”) (see document IPC/CE/54/2).

8. The Working Group was informed that the Committee reviewed a proposal by the International Bureau concerning modifications to the Rules of Procedure of the Committee, in view of the changes in the WIPO General Rules of Procedure by shifting the officers’ terms of office from the beginning of the session immediately after their election to the final meeting of the session during which they are elected. The Committee decided to keep the current practice of the IPC-related bodies unchanged and agreed with several editorial changes in wordings to align with those used in the WIPO General Rules of Procedure.

9. The Working Group was further informed that the Committee expressed its great satisfaction and appreciation with the work achieved by the Working Group, in particular with the improved efficiency in knowing about the decreased average IPC-phase period. The Committee invited the Working Group to take into account both quality and quantity aspects in its future revision process. The Committee further invited a broader participation by offices in the revision under the IPC Revision Roadmap and to propose new emerging technologies (NETs) to the List of candidate areas of the Roadmap where needed.

10. It was further noted that the Committee expressed its deep and sincere appreciation to all member Offices of the Expert Group on Semiconductor Technologies (EGST), and, in particular to the EPO, the leading Office of the EGST, for the considerable outcome achieved so far. The Committee endorsed the latest EGST Roadmap and agreed on the continuation of the EGST activities.

11. The Working Group was also informed that the Committee agreed on certain modifications to the *Guide to the IPC* and Guidelines for Revision of the IPC, in particular, for example, the introduction of a new paragraph 107bis in the Guide on the “scheme for secondary classification” and the introduction of more detailed clarifications in the Appendix VI “Guidelines for Drafting Classification Definitions” of the Guidelines. Special attention of Rapporteurs of projects concerned should be drawn to those modifications while drafting future scheme and definition revision proposals. Furthermore, the Committee confirmed the two official publication dates for IPC definitions, i.e. on July 1 and January 1, which would allow for the definitions approval in the fall session of the Working Group to be integrated into the official publication of the IPC on January 1 of the following year.

REPORT ON THE TWENTY-THIRD SESSION OF THE IP5 WG1-WORKING GROUP ON CLASSIFICATION

12. The Working Group noted an oral report by the EPO on behalf of the Five IPOffices (hereinafter referred to as “the IP5 Offices”), on the twenty-fourth session of the IP5 Working Group on Classification (IP5 WG1).

13. The IP5 Offices agreed to promote three P-proposals to the F-phase, i.e. projects [F 183](#), F 184 and F 185, where project [F 183](#) was promoted further to the IPC phase.

14. It was noted that, during the twenty-fourth session of the IP5 WG1, the IP5 Offices agreed to promote 12 IP5 projects (F projects) to the IPC phase. The EPO, on behalf of the IP5 Offices, had posted to the e-forum, under project [CE 456](#), the updated lists of all ongoing IP5 projects and proposals (see Annex 43 to project file) in order to avoid overlap between the IPC revision requests and the IP5 ongoing revision activities.

15. The Working Group further noted that the IP5 Offices agreed on the first edition of the IP5 NET/AI Catalogue and appreciated this initiative. The Working Group further decided to integrate this Catalogue into the candidate areas under the IPC Revision Roadmap.

IPC REVISION PROGRAM

15. The Working Group discussed 31 revision projects, namely: [C 505](#), [C 510](#), [C 511](#), [C 512](#), [C 513](#), [C 514](#), [C 515](#), [C 516](#), [C 522](#), [C 523](#), [C 524](#), [C 525](#), [C 526](#), [C 527](#), [F 140](#), [F 143](#), [F 155](#), [F 157](#), [F 158](#), [F 160](#), [F 166](#), [F 168](#), [F 169](#), [F 170](#), [F 171](#), [F 173](#), [F 174](#), [F 175](#), [F 179](#), [F 181](#) and [F 183](#).

16. The Working Group approved 20 revision projects, nine of which were completed with respect to scheme amendments and, if any, definition amendments, namely projects [C 510](#), [C 522](#), [C 523](#), [C 524](#), [F 160](#), [F 169](#), [F 173](#), [F 181](#) and [F 183](#), for which both the scheme and definition amendments would enter into force in IPC 2024.01; while seven of which were completed with respect to scheme amendments only, namely projects [C 526](#), [F 158](#), [F 166](#), [F 170](#), [F 171](#), [F 174](#), and [F 175](#), which would enter into force in IPC 2024.01. Meanwhile, four out of 21 projects were completed with respect to definitions to be integrated into IPC 2024.01, namely projects [C 505](#), [C 511](#), [C 512](#), and [F 143](#), while scheme amendments had been completed by the Working Group in its previous sessions.

17. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” annexes of the corresponding projects on the e-forum.

18. The Working Group emphasized its decision at previous sessions and in the updated Guidelines for Drafting Definitions that definitions should be created for places where only additional explanation and guidance are necessary and are not available in the scheme. In addition, unnecessary lengthy definitions should always be avoided because they might discourage users from reading the whole content.

IPC MAINTENANCE

19. The Working Group discussed 14 maintenance projects, namely: [M 621](#), [M 627](#), [M 633](#), [M 634](#), [M 812](#), [M 815](#), [M 817](#), [M 818](#), [M 820](#), [M 825](#), [M 827](#), [M 828](#), [M 829](#) and [M 830](#).

20. The Working Group completed eight maintenance projects with respect to either scheme or definition amendments, which would be integrated into IPC 2024.01, namely projects [M 627](#), [M 815](#), [M 817](#), [M 820](#), [M 825](#), [M 827](#), [M 828](#) and [M 830](#).

21. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” Annexes of the corresponding projects on the e-forum.

22. The Working Group agreed to create two new maintenance projects, namely:

Electricity/Physics: M 832 (Rapporteur - Japan) – originating from project [C 523](#); and

T-independent: M 833 (Rapporteur - United States of America) – originating from project [M 825](#).

23. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” Annexes of the corresponding projects on the e-forum.

STATUS OF REMOVAL OF NON-LIMITING REFERENCES (NLRs) WITHIN M 200 TO M 500 PROJECTS

24. Discussions were based on a status report prepared by the International Bureau concerning maintenance projects for removal of NLRs for the scheme of the IPC (see Annex 43 to project file [WG 191](#)).

25. The Working Group noted that, among the 17 active projects, agreement had been achieved for the following six projects during discussions on the e-forum and that these projects could be considered completed. The corresponding amendments to the scheme and definitions would thus be included in IPC 2024.01.

[M 246](#) Removal of NLRs in subclass G05B (Rapporteur - United States of America)

[M 251](#) Removal of NLRs in subclass H03L (Rapporteur - United States of America)

[M 263](#) Removal of NLRs in subclass E21B (Rapporteur - United States of America)

[M 267](#) Removal of NLRs in subclass B64G (Rapporteur – United Kingdom)

[M 270](#) Removal of NLRs in subclass F15D (Rapporteur - United States of America)

[M 275](#) Removal of NLRs in subclass A47D (Rapporteur - Israel)

26. The Secretariat indicated that an updated table summarizing the status of the removal of NLRs from the scheme would be posted to project file [WG 191](#).

UPDATES ON IPC-RELATED IT SUPPORT

27. The Working Group noted a short presentation by the International Bureau on the IPC-related IT support and updates and, in particular, on IPC PUB data status and its improvements.

28. It was reminded that the project [CE 447](#) would remain available for possible comments on improvements of the IPC Internet Publication, preferably before the end of 2023.

29. The Working Group invited Rapporteurs, Translators and commenting offices to make more active and better use of the IPCRMS system for preparing revision proposals, translations and comments.

NEXT SESSION OF THE WORKING GROUP

30. The Working Group, having assessed the workload expected for its next session, agreed to devote the first two and a half days to the electrical field, the following afternoon and the next morning to the chemical field and the last one and a half days to the mechanical field.

31. The Working Group noted the following tentative dates for its fiftieth session:

November 20 to 24, 2023.

32. This report was unanimously adopted by the Working Group by electronic means on May 25, 2023.

[Annexes follow]

LISTE DES PARTICIPANTS/
LIST OF PARTICIPANTS

I. ÉTATS MEMBRES/MEMBER STATES

(dans l'ordre alphabétique des noms français des États)
(in the alphabetical order of the names in French)

ALLEMAGNE/GERMANY

Elisabeth ESSEL (Ms.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Martina FRITZSCHE-HENKE (Ms.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Stefanie GABRIEL (Ms.), Deputy Head, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Steffen MÜNCH (Mr.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Florian SIEBEL (Mr.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Oliver STEINKELLNER (Mr.), Head, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Veronika TINKL (Ms.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

ARABIE SAOUDITE/SAUDI ARABIA

Fahad ALNAFJAN (Mr.), Patent Expert, Patent, Saudi Authority for Intellectual Property (SAIP), Riyadh

Zaid ALFURAIIDI (Mr.), Examiner, Patent, Saudi Authority for Intellectual Property (SAIP), Riyadh

Ali ALHARBI (Mr.), Examiner, Patent, Saudi Authority for Intellectual Property (SAIP), Riyadh

Abdullah ALKHATTEB (Mr.), Head of Technology Center 500, Patent, Saudi Authority for Intellectual Property (SAIP), Riyadh

Rawabi ALMONHAIMI (Ms.), Examiner, Patent, Saudi Authority for Intellectual Property (SAIP), Riyadh

Faisal ALOTAIBI (Mr.), Senior AI and Data Solutions Analyst, AI and Data Solutions Department, Saudi Authority for Intellectual Property (SAIP), Riyadh

BRÉSIL/BRAZIL

Catia VALDMAN (Ms.), Head of the Electronics and Computer Division, Head of the Classification Group, National Institute of Industrial Property (INPI), Secretariat of Economic Development and Tourism, Ministry of Economy, Rio de Janeiro

Rodrigo FERRARO (Mr.), Patent Examiner, Patent Department National Institute of Industrial Property (INPI), Secretariat of Economic Development and Tourism, Ministry of Economy, Belo Horizonte

Darcio PEREIRA (Mr.), Patent Examiner, National Institute of Industrial Property (INPI), Secretariat of Economic Development and Tourism, Ministry of Economy, Rio de Janeiro

Tatielli BARBOSA (Ms.), Patent Examiner, Inorganic Chemistry, Classification Group, National Institute of Industrial Property (INPI), Secretariat of Economic Development and Tourism, Ministry of Economy,

BULGARIE/BULGARIA

Radoslava MLADENOVA (Ms.), Patent Examiner, "Examination and Protection of Inventions, Utility Models and Industrial Designs", Patent Office of the Republic of Bulgaria, Sofia

CANADA

Nancy BEAUCHEMIN (Ms.), gestionnaire de programme - International, Direction des brevets, Office de la propriété intellectuelle du Canada, Innovation, Sciences et Développement Économique Canada (ISDE), Gatineau

CHINE/CHINA

HU An (Ms.), Director, Patent Cooperation Division, Patent Documentation Department, China National Intellectual Property Administration (CNIPA), Beijing

DONG Yan (Ms.), Level II Principal Staff Member, Patent Documentation Department, China National Intellectual Property Administration (CNIPA), Beijing

LI Zhenhua (Mr.), QC Manager, China Patent Technology Development Corporation, China National Intellectual Property Administration (CNIPA), Beijing

LIANG Tao (Mr.), Examiner, Patent Examination Cooperation Guangdong Center, China National Intellectual Property Administration (CNIPA), Guangzhou

QI Yongjuan (Ms.), Examiner, Patent Examination Cooperation Guangdong Center, China National Intellectual Property Administration (CNIPA), Guangzhou

REN Jie (Mr.), QC Manager, China Patent Technology Development Corporation, China National Intellectual Property Administration (CNIPA), Beijing

ESPAGNE/SPAIN

Mario CANADAS-CASTRO (Sr.), Jefe del Servicio de Documentación, Patentes, Oficina Española de Patentes y Marcas, Ministerio de Industria, Comercio y Turismo (OEPM), Madrid

ÉTATS-UNIS D'AMÉRIQUE/UNITED STATES OF AMERICA

Donald TARAZANO (Mr.), Director of Classification and Standards Development, Office of International Patent Cooperation, Classification and Standards Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Kevin BARRY (Mr.), Patent Classifier, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

William BREWSTER (Mr.), Supervisor Patent Classifier, Office of International Patent Cooperation, Classification and Standards Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Matthew BROOKS (Mr.), Supervisory Project Coordinator, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

JILL GRAY (Ms.), Supervisory Patent Classifier, Chemical, Office of International Patent Cooperation, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Christopher JETTON (Mr.), Project Coordinator, Office of International Patent Cooperation, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Michael KESSLER (Mr.), Project Coordinator, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Juliya KRAVETS (Ms.), Patent Classifier Chemical, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

George SPISICH (Mr.), Project Coordinator, Classification Standards and Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Ronald COLQUE (Mr.), Patent Classifier, Office of International Patent Cooperation, Classification and Standards Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Gustavo LOPEZ (Mr.), Patent Classifier, Office of International Patent Cooperation, Classification and Standards Development, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

John RUGGLES (Mr.), Patent Classifier, Office of International Patent Cooperation, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

FÉDÉRATION DE RUSSIE/RUSSIAN FEDERATION

Vladislav MAMONTOV (Mr.), Head, Multilateral Cooperation Division, International Cooperation Department, Federal Service for Intellectual Property (ROSPATENT), Moscow

Lada TSIKUNOVA (Ms.), IPC Section, Federal Service for Intellectual Property (ROSPATENT), Moscow

Ekaterina PAVLOVA (Ms.), Leading Specialist, Multilateral Cooperation Division, International Cooperation Department, Federal Service for Intellectual Property (ROSPATENT), Moscow

Fedor SARATOVSKIJ (Mr.), IPC Section, Federal Service for Intellectual Property (ROSPATENT), Moscow

Andrei SHPIKALOV (Mr.), IPC Section, Federal Service for Intellectual Property (ROSPATENT), Moscow

Zoya VOYTSEKHOVSKAYA (Ms.), IPC Section, Federal Service for Intellectual Property (ROSPATENT), Moscow

FINLANDE/FINLAND

Niko MUSAKKA (Mr.), Senior Examiner, Patents and Trademarks, Finnish Patent and Registration Office (PRH), Helsinki

FRANCE

Magalie MATHON (Mme), chargée de mission CIB, Département des Brevets, Institut national de la propriété industrielle (INPI), Courbevoie

David DURIEZ (M.), ingénieur examinateur, Département des Brevets, INPI, Institut national de la propriété industrielle (INPI), Courbevoie

IRLANDE/IRELAND

Fergal BRADY (Mr.), Examiner of Patents, Patent Examination, Intellectual Property Office of Ireland, Department of Enterprise, Trade and Employment, Kilkenny

ISRAËL/ISRAEL

Orit REGEV (Ms.), Deputy Superintendent of Examiners, Israel Patent Office, Ministry of Justice, Jerusalem

JAPON/JAPAN

Masaya OTE (Mr.), Deputy Director, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Satoshi ABE (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Toshihiro FURUKAWA (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Aiko HARADA (Ms.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Takuma KITAJIMA (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Michiru MIURA (Ms.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Ayano NISHITA (Ms.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Taiki OKI (Mr.), Assistant Director, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Akisato OSHIMA (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Toshinori OTSUKA (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

Shuichi SAKAI (Mr.), Classification Project Coordinator, Examination Policy Planning Office, Japan Patent Office (JPO), Tokyo

KIRGHIZISTAN/KYRGYZSTAN

Bakytbek ABYSHBAYEV (Mr.), Chief Specialist, Department of Expertise of Industrial Property Objects, State Agency for Intellectual Property and Innovation under the Cabinet of Ministers of the Kyrgyz Republic (Kyrgyzpatent), Bishkek

Meerim TOROBKOVA (Ms.), Chief Specialist, Department of Examination of Industrial Property Objects, State Agency for Intellectual Property and Innovation under the Cabinet of Ministers of the Kyrgyz Republic (Kyrgyzpatent), Bishkek

MEXIQUE/MEXICO

Pedro Christian AYALA ROSALES (Sr.), Especialista en Propiedad Industrial, Dirección Divisional de Relaciones Internacionales, Instituto Mexicano de la Propiedad Industrial (IMPI), Ciudad de México

Miguel GONZALEZ AGUILAR (Sr.), Especialista en Propiedad Industrial, Dirección Divisional de Relaciones Internacionales, Instituto Mexicano de la Propiedad Industrial (IMPI), Ciudad de México

Jaramillo Navarrete GUSTAVO (Sr.), Especialista en Propiedad Industrial, Dirección Divisional de Relaciones Internacionales, Instituto Mexicano de la Propiedad Industrial (IMPI), Ciudad de México

Alicia MARMOLEJO FLORES (Sra.), Especialista en Propiedad Industrial, Dirección Divisional de Relaciones Internacionales, Instituto Mexicano de la Propiedad Industrial (IMPI), Ciudad de México

Pablo ZENTENO MARQUEZ (Sr.), Especialista en Propiedad Industrial, Dirección Divisional de Relaciones Internacionales, Instituto Mexicano de la Propiedad Industrial (IMPI), Ciudad de México

NORVÈGE/NORWAY

Bente AARUM-ULVÅS (Ms.), Chief Examiner, Process and Industry, Patent, Norwegian Industrial Property Office (NIPO), Oslo

PAYS-BAS/NETHERLANDS

Robert SCHOUWENAARS (Mr.), Technical Advisor, Netherlands Patent Office, Ministry of Economic Affairs, Den Haag

POLOGNE/POLAND

Małgorzata KOZŁOWSKA (Ms.), Patent Examiner, Biotechnology and Chemistry Department, Patent Office of the Republic of Poland, Warsaw

RÉPUBLIQUE DE CORÉE/REPUBLIC OF KOREA

CHA Hyunsoo (Mr.), Head of Group, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

JEONG Jieun (Ms.), Researcher, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

JUNG Byungte (Mr.), Head, IP Classification General Team, IP Classification Center, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

KIM Jaeuk (Mr.), Researcher, Mechanics, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

KIM Joohyeok (Mr.), Senior Researcher, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

LEE Jaeheon (Mr.), Researcher, Mechanics, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

LEE Wangseok (Mr.), Head of International Classification Group, IP Classification General Team, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

WON Sanghyuk (Mr.), Assistant Manager, International Classification Headquarters Department, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

WON Sanghyuk (Mr.), Assistant Manager, International Classification Headquarters Department, Daejeon

YOON Inseok (Mr.), Senior, Electrical, IP Classification Center, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

JUNG Juhee (Ms.), Researcher, IP Classification Center, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

PARK Sungchul (Mr.), Deputy Director, Patent Legal Administration Division, Korea Institute of Intellectual Property Promotion (KIPRO), Daejeon

LEE Jinyong (Mr.), IP Attaché, Economy, Permanent Mission, Geneva

RÉPUBLIQUE DE MOLDOVA/REPUBLIC OF MOLDOVA

Natalia CAISIM (Ms.), Head of Examination Division, Patents, State Agency on Intellectual Property (AGEPI), Chisinau

RÉPUBLIQUE TCHÈQUE/CZECH REPUBLIC

Jarmila AVRATOVA (Ms.), Engineer, Patent information, Industrial Property Office of the Czech Republic, Prague

ROUMANIE/ROMANIA

Mirela Liliana GEORGESCU (Ms.), Head of Chemistry Pharmaceutical Examining Division, Patent Department, State Office for Inventions and Trademarks (OSIM), Bucharest

Robert RADU (Mr.), Patent Examiner, Patent Department, State Office for Inventions and Trademarks (OSIM), Bucharest

ROYAUME-UNI/UNITED KINGDOM

Jeremy COWEN (Mr.), Senior Patent Examiner, Classification, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport

Peter BURNS (Mr.), Senior Patent Examiner, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport

Patrick PURCELL (Mr.), Senior Patent Examiner, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport

William RIGGS (Mr.), Senior Patent Examiner, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport, Gwent

HUW THOMAS (Mr.), Senior Patent Examiner, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport

Rhys WILLIAMS (Mr.), Senior Patent Examiner, Patent Examining Division, UK Intellectual Property Office (UKIPO), Newport

SUÈDE/SWEDEN

Anders BRUUN (Mr.), Patent Expert, Patent Division, Swedish Patent and Registration Office (PRV), Stockholm

Moa EMLING (Ms.), Senior Examiner, Chemistry, Patent Division, Swedish Patent and Registration Office (PRV), Stockholm

Tomas LUND (Mr.), Senior Patent Examiner, Patent Division, Swedish Patent and Registration Office (PRV), Stockholm

SUISSE/SWITZERLAND

Pascal WEIBEL (M.), Chef Examen, Division des brevets, Institut fédéral suisse de la propriété intellectuelle, Berne

Philippe TATASCIORE (M.), expert en brevet, Division des brevets, Institut fédéral suisse de la propriété intellectuelle, Berne

UKRAINE

Halyna DOBRYNINA (Ms.), Leading intellectual property professional, Unit of patent information and documentation, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPO), Kyiv

Tetiana IVANETS (Ms.), Leading Expert, Energy and energy efficient technologies sector, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPO), Kyiv

Tetiana KOLOMIETS (Ms.), Leading intellectual property professional, Department for bilateral cooperation in the field of intellectual property, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPO), Kyiv

Kateryna KOTYK (Ms.), Head, Department of chemical technologies, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPO), Kyiv

Tetiana NATALCHUK (Ms.), Leading expert, division for examination of national applications in technical fields, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPIO), Kyiv

Dmytro PROKOPENKO (Mr.), Intellectual property professional, Unit of work with international classifications and standards, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPIO), Kyiv

Nataliia NIKOLAICHUK (Ms.), Chief specialist, Unit for cooperation with national and international institutions in intellectual property sphere, Department of investments, innovations and intellectual property, Ministry of economy of Ukraine, State organization "Ukrainian national office for intellectual property and innovations" (UANIPPIO), Kyiv

II. ÉTAT OBSERVATEURS/OBSERVER STATES

HONGRIE/HUNGARY

Ildikó DIÓSPATONYI (Ms.), Patent Examiner, Pharmaceuticals and Agriculture Section, Hungarian Intellectual Property Office (HIPO), Budapest

INDE/INDIA

Amarendra SAMAL (Mr.), Deputy Controller of Patents and Designs, Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Mumbai

III. ORGANISATIONS INTERNATIONALES INTERGOUVERNEMENTALES/INTERNATIONAL INTERGOVERNMENTAL ORGANIZATIONS

ORGANISATION EURASIENNE DES BREVETS (OEAB)/EURASIAN PATENT ORGANIZATION (EAPO)

Elena LUBYAKO (Ms.), Chemistry and Medicine Department, Moscow

Valentin PANKO (Mr.), Principal Examiner, Mechanics, Physics and Electrical Engineering Division, Examination Department, Moscow

Malai VALERII (Mr.), Expert, Examination Department, Moscow

ORGANISATION EUROPÉENNE DES BREVETS (OEB)/EUROPEAN PATENT
ORGANISATION (EPO)

Roberto IASEVOLI (Mr.), Classification Board, The Hague
Maarten ALINK (Mr.), Classification Board, Munich
Jérôme CARRÉ (Mr.), Classification Board, Munich
Silvia GENNARI (Ms.), Classification Board, Munich
Agnès MERLE GAMEZ (Ms.), Classification Board, The Hague
Ciro PERNICE (Mr.), Classification Board, The Hague
John RENGGLI (Mr.), Classification Board, Munich
Erik TORLE (Mr.), Classification Board, Munich
Norbert WIENOLD (Mr.), Classification Board, Munich
Massimo CRESCENTI (Mr.), Classification Board, The Hague
Nathalie GEISLER (Ms.), Classification Board, The Hague
Mark PLEHIERS (Mr.), Classification Board, The Hague
Peter SWARÉN (Mr.), Classification Board, The Hague
Rossana VINCI (Ms.), Classification Board, The Hague

**IV. ORGANISATION NON GOUVERNEMENTALE/NON-GOVERNMENTAL
ORGANIZATION**

ASSOCIATION EUROPÉENNE DES ÉTUDIANTS EN DROIT
(ELSA INTERNATIONAL)/EUROPEAN LAW STUDENTS' ASSOCIATION
(ELSA INTERNATIONAL)

Sahel BAHMAN (Ms.), Head of Delegation, Brussels
Şafak BİLGİÇ (Mr.), Delegate, Brussels

V. BUREAU/OFFICERS

président/Chair : Jeremy COWEN (M./Mr.) (ROYAUME-UNI/UNITED KINGDOM)
vice-présidente/
Vice Chair Nancy BEAUCHEMIN (Mme/Ms.) (CANADA)
secrétaire/
Secretary : XU Ning (Mme/Ms.) (OMPI/WIPO)

VI. BUREAU INTERNATIONAL DE L'ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE (OMPI)/INTERNATIONAL BUREAU OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION (WIPO)

Ken-Ichiro NATSUME (M./Mr.), sous-directeur général du Secteur de de l'infrastructure et des plateformes/Assistant Director General, Infrastructure and Platforms Sector

Kunihiko FUSHIMI (M./Mr.), directeur de la Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Director, International Classifications and Standards Division, Infrastructure and Platforms Sector

XU Ning (Mme/Ms.), chef de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Head, International Patent Classification (IPC) Section, International Classifications and Standards Division, Infrastructure and Platforms Sector

Rastislav MARČOK (M./Mr.), administrateur principal de la classification des brevets de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Senior Patent Classification Officer, International Patent Classification (IPC) Section, International Classifications and Standards Division, Infrastructure and Platforms Sector

Olivier COLLIOUD (M./Mr.), administrateur de projets de la Section des systèmes informatiques, Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Project Officer, IT Systems Section, International Classifications and Standards Division, Infrastructure and Platforms Sector

Isabelle MALANGA SALAZAR (Mme/Ms.), assistante à l'information de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Information Assistant, International Patent Classification (IPC) Section, International Classifications and Standards Division, Infrastructure and Platforms Sector

Caroline SCHLESSINGER (Mme/Ms.), secrétaire II de la Division des classifications internationales et des normes, Secteur de de l'infrastructure et des plateformes/Secretary II, International Classifications and Standards Division, Infrastructure and Platforms Sector

[L'annexe II suit/
Annex II follows]

AGENDA

1. Opening of the session
2. Adoption of the Agenda
3. Election of a Chair and a Vice-Chair
4. Report on the fifty-fourth session of the IPC Committee of Experts
See document IPC/CE/54/2.
5. Report on the twenty-fourth session of the IP5 WG1-Working Group on Classification
Oral report by the EPO on behalf of the FiveIPOffices.
6. IPC revision projects relating to the mechanical field
See projects [F 157](#), [F 160](#), [F 166](#), [F 169](#), [F 170](#) and [F 175](#).
7. IPC revision projects relating to the electrical field
See projects [C 505](#), [C 510](#), [C 511](#), [C 512](#), [C 513](#), [C 514](#), [C 515](#), [C 516](#), [C 522](#),
[C 523](#), [C 524](#), [C 526](#), [F 140](#), [F 143](#), [F 155](#), [F 158](#), [F 171](#), [F 174](#) and [F 181](#).
8. IPC revision projects relating to the chemical field
See projects [C 525](#), [C 527](#), [F 168](#), [F 173](#), [F 179](#) and [F 183](#).
9. IPC maintenance projects relating to the mechanical field
See projects [M 621](#), [M 634](#) and [M 817](#).
10. IPC maintenance projects relating to the electrical field
See projects [M 633](#), [M 815](#), [M 820](#), [M 827](#), [M 828](#), [M 829](#) and [M 830](#).
11. IPC maintenance projects relating to the chemical field
See projects [M 627](#), [M 812](#), [M 818](#) and [M 825](#).
12. Status of removal of NLRs within M 200 to M 500 projects
See project [WG 191](#).
13. Updates on IPC-related IT support
Presentation by the International Bureau.
14. Next session of the Working Group
15. Adoption of the report
16. Closing of the session

[End of Annex II and of document]