



**MEMORANDUM OF UNDERSTANDING BETWEEN**

**Faculty of Science, Chiang Mai University**

**AND**

**Center for Green Research on Energy and Environmental Materials, National Institute for  
Materials Science**

This Memorandum of Understanding (this "MOU") for collaboration on the "Research and Academic Collaboration" is made and entered into on the date of the last signature (the "Effective Date") by and between Faculty of Science, Chiang Mai University, Chiang Mai (Thailand)] and Center for Green Research on Energy and Environmental Materials, National Institute for Materials Science, Tsukuba, Japan.

**Article 1. Purpose**

The purpose of this MOU is to express the understanding of the parties to strengthen and promote research collaboration between the parties based upon the principles of equality, reciprocity, mutual respect, best effort and frequent interactions.

**Article 2. Scope of Collaboration**

2.1 The parties undertake such research collaboration as follows:

- a) to strengthen and promote institutional exchange of personnel,
- b) to promote institutional exchange of scientific and technical information,
- c) to organize symposia, conferences and workshops, and
- d) to use their best effort to encourage joint research activities and other activities as may be proposed by either party

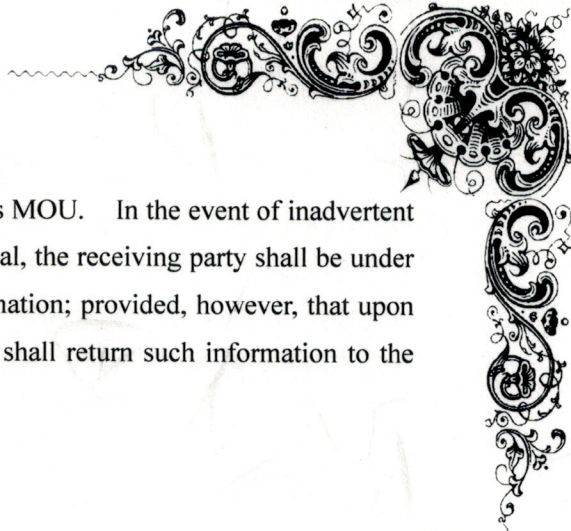
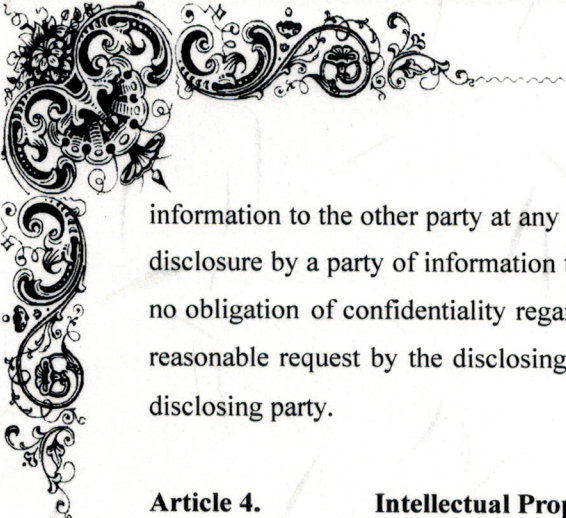
in the field of materials science to achieve the purpose in Article 1.

2.2 The terms and conditions for each collaboration shall mutually be discussed by the parties and be set forth in a separate agreement. The implementation of each collaboration shall be subject to the rules and regulations of the host party. In particular, in case of Article 2.1 a) institutional exchange of personnel, the dispatching party shall be responsible for the expenses involved. Unless otherwise agreed in writing, each party will be solely liable for all of its own fees, costs and other expenses in conjunction with this MOU.

**Article 3. Exchange of Public Information**

The parties hereby agree that exchanges of scientific and technical information pursuant to this MOU will be made based upon the public information and that either party shall not disclose any confidential





information to the other party at any time during the term of this MOU. In the event of inadvertent disclosure by a party of information that it regards as confidential, the receiving party shall be under no obligation of confidentiality regarding such disclosed information; provided, however, that upon reasonable request by the disclosing party, the receiving party shall return such information to the disclosing party.

**Article 4. Intellectual Property**

4.1 Each party shall remain the owner of its own intellectual property rights and all rights to such party's information, inventions, and original work created by such party before and after the Effective Date of this MOU and/or during the term of this MOU.

4.2 Specific details of intellectual property rights for individual projects jointly researched and conducted by the parties shall be as separately determined in each project agreement.

4.3 Use of intellectual property rights of each party requires a separate agreement. No license of any form is granted under this MOU including any license of any of the parties' trademarks, logos or other intellectual property rights.

**Article 5. Term**

5.1 This MOU becomes effective from the Effective Date and continues for a period of five (5) years, unless terminated earlier, as set forth in Article 5.2. This MOU may be extended at any time by mutual written agreement of the parties on such terms and conditions mutually agreed by the parties.

5.2 Either party may terminate this MOU for its convenience at any time upon sixty (60) day prior written notice to the other party.

5.3 Expiration or termination of this MOU shall not affect the collaboration already in progress under separate project agreement, which shall be controlled by the terms of such project agreement.

**Article 6. Amendment**

This MOU may be amended or renewed by written agreement between the parties.

**Article 7. No Obligation**

This MOU creates no liability or obligation on the part of either party and does not give rise to or create any legal rights for either party except those arising out of Articles 2.2, 3, 4, 5.3, 7 and 9 hereof. This MOU is intended only to facilitate collaboration between the parties and neither party has any obligation to enter into any further agreement or contract.



**Article 8. Participants**

The participants enrolled in this MOU from each party are listed in Appendix A.

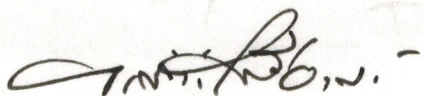
**Article 9. Dispute Resolution**

Any dispute concerning the interpretation or implementation of this MOU shall be settled and resolved amicably by consultation or negotiation within the spirit of this MOU; provided, however, that the parties agree that they shall have the right to enforce Articles 2.2, 3, 4, and 5.3 hereof in whatever legal forum they may choose.

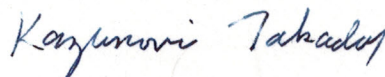
IN WITNESS WHEREOF, the parties hereto have caused this MOU to be executed by their respective duly authorized representatives as of the date and year first above written.

Faculty of Science, Chiang Mai University

Center for Green Research on Energy and  
Environmental Materials, National Institute for  
Materials Science



By: Torranin Chairuang Sri  
Title: Faculty Dean



By: Kazunori Takada  
Title: Director  
Center for Green Research on Energy and  
Environmental Materials

Date: October 19, 2021

Date: October 8, 2021



Appendix A

Faculty of Science, Chiang Mai University

Winita Punyodom

By: Assoc. Prof. Dr. Winita Punyodom

Title: Head of Materials Science Research Center

National Institute for Materials Science

増田 卓也

By: Dr. Takuya Masuda

Title: Duputy Director

Center for Green Research on Energy and  
Environmental Materials

Ken Sakaushi  
By: Dr. Ken Sakaushi

Title: Principal Researcher

Interfacial Energy Conversion Group  
Center for Green Research on Energy and  
Environmental Materials