PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7898490

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIHARU UCHIMOTO	02/17/2023
TOMOKI UCHIYAMA	02/20/2023
SHIGENORI MITSUSHIMA	02/15/2023
YOSHIYUKI KURODA	02/15/2023
KENSAKU NAGASAWA	02/15/2023
YOSHINORI NISHIKI	02/15/2023
AWALUDIN ZAENAL	02/15/2023
YUN BAO	02/15/2023

RECEIVING PARTY DATA

Name:	KYOTO UNIVERSITY
Street Address:	36-1, YOSHIDA-HONMACHI, SAKYO-KU
City:	KYOTO-SHI, KYOTO
State/Country:	JAPAN
Postal Code:	606-8501
Name:	NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY
Street Address:	79-1, TOKIWADAI, HODOGAYA-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	240-8501
Name:	DE NORA PERMELEC LTD
Street Address:	2023-15, ENDO
City:	FUJISAWA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	252-0816

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18248848

CORRESPONDENCE DATA

PATENT

507851354 REEL: 063307 FRAME: 0854

Fax Number: (612)455-3801

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6124553800 Email: ykase@hsml.com

Correspondent Name: HAMRE, SCHUMANN, MUELLER & LARSON, P.C.

Address Line 1: 45 SOUTH SEVENTH STREET

Address Line 2: SUITE 2700

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	20344.0162USWO
NAME OF SUBMITTER:	MASAKO YOSHIDA
SIGNATURE:	/Masako Yoshida/
DATE SIGNED:	04/12/2023

Total Attachments: 9

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Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

- 1. UCHIMOTO Yoshiharu residing at c/o KYOTO UNIVERSITY and a citizen of Japan
- UCHIYAMA Tomoki residing at c/o KYOTO UNIVERSITY and a citizen of Japan
- 3. MITSUSHIMA Shigenori residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- 4. KURODA Yoshiyuki residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- NAGASAWA Kensaku residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- 6. NISHIKI Yoshinori residing at c/o DE NORA PERMELEC LTD and a citizen of Japan
- ZAENAL Awaludin residing at c/o DE NORA PERMELEC LTD and a citizen of Indonesia
- 8. Bao Yun residing at c/o DE NORA PERMELEC LTD and a citizen of China

and

WHEREAS KYOTO UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, Japan and NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 79-1. Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501, Japan and DE NORA PERMELEC LTD (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 2023-13, Endo, Fujisawa-shi, Kanagawa 252-0816, Japan wish(es) to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEES, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby

authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEES of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEES) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEES, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEES, it successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEES, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Joshika	UCHIMOTO Yoshiharu	Feb. 17, 2023
V. Signature	UCHIMOTO Yoshiharu	Date
Joseph 2. Signature	Udijan UCHIYAMA Tomoki	<u>Feb. 20. 2023</u> Date
3. Signature	MITSUSHIMA Shigenori	Date
4. Signature	KURODA Yoshiyuki	Date
5. Signature	NAGASAWA Kensaku	Date

6. Signature	NISHIKI Yoshinori	Date
7. Signature	ZAENAL Awaludin	Date
8. Signature	Bao Yun	Date

Docket No.

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- 3. MITSUSHIMA Shigenori residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- 4. KURODA Yoshiyuki residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
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- NISHIKI Yoshinori residing at c/o DE NORA PERMELEC LTD and a citizen of Japan
- ZAENAL Awaludin residing at c/o DE NORA PERMELEC LTD and a citizen of Indonesia
- 8. Bao Yun residing at c/o DE NORA PERMELEC LTD and a citizen of China

and

WHEREAS KYOTO UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, Japan and NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501, Japan and DE NORA PERMELEC LTD (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 2023-15. Endo, Fujisawa-shi, Kanagawa 252-0816, Japan wish(es) to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEES, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby

authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEES of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEES) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEES, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEES, it successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEES, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

1. Signature UCHIMOTO Yoshiharu	Date
2. Signature UCHIYAMA Tomoki	Date
& Mitsus =	15 Feb, 2023
3. Signature MITSUSHIMA Shigenori	Date
、黑田羲之	15.2.2023
4. Signature KURODA Yoshiyuki	Date
長澤兼作	15, 2, 2023
5 Signature NAGASAWA Kensaku	Date

6. Signature	NISHIKI Yoshinori	Date
7. Signature	ZAENAL Awaludin	Date
8. Signature	Bao Yun	Date

Docket No.

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- 4. KURODA Yoshiyuki residing at c/o NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- 5. NAGASAWA Kensaku residing at c/o NATIONAL UNIVERSITY
 CORPORATION YOKOHAMA NATIONAL UNIVERSITY and a citizen of Japan
- 6. NISHIKI Yoshinori residing at c/o DE NORA PERMELEC LTD and a citizen of Japan
- ZAENAL Awaludin residing at c/o DE NORA PERMELEC LTD and a citizen of Indonesia
- 8. Bao Yun residing at c/o DE NORA PERMELEC LTD and a citizen of China

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on, entitled ANODE FOR ALKALINE WATER ELECTROLYSIS AND METHOD FOR PRODUCING SAME, and which has been given application serial number ________;

and

WHEREAS KYOTO UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, Japan and NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501, Japan and DE NORA PERMELEC LTD (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 2023-15, Endo, Fujisawa-shi, Kanagawa 252-0816, Japan wish(es) to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor:

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1. Signature	UCHIMOTO Yoshiharu	Date
2. Signature	UCHIYAMA Tomoki	Date
3. Signature	MITSUSHIMA Shigenori	Date
4. Signature	KURODA Yoshiyuki	Date
5. Signature	NAGASAWA Kensaku	Date

Yoshnori Mashill 6. Signature NISHIKI Yoshinori	Feb. 15, 2023
6. Signature NISHIKI Yoshinori	Date
3. Alpa	Fol 15 2823
7. Signature ZAENAL Awaludin	Date
Lee Tour	Feb. 18, 2023
8. Signature Bao Yun	Date

PATENT REEL: 063307 FRAME: 0864

RECORDED: 04/12/2023