

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7556492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKESHI MURASHIGE	12/11/2019
JUNICHI INAGAKI	12/11/2019
KAZUHITO HOSOKAWA	12/11/2019
KOTA NAKAI	12/11/2019
TOSHIHIRO KANNO	12/11/2019
YOSHINORI HASEGAWA	12/11/2019
KAORU MITSUGI	12/11/2019
NAOHIRO IKAI	12/11/2019
HIROKI MORI	12/11/2019
YOHEI KIRIHATA	12/11/2019
RECEIVING PARTY DATA	
Name:	NITTO DENKO CORPORATION
Street Address:	1-2, SHIMOHOZUMI 1-CHOME
City:	IBARAKI-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	567-8680
Name:	NIPPON ELECTRIC GLASS CO., LTD.
Street Address:	7-1, SEIRAN 2-CHOME
City:	OTSU-SHI, SHIGA
State/Country:	JAPAN
Postal Code:	520-8639
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17951955
CORRESPONDENCE DATA	
Fax Number:	(703)518-5499
<i>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.</i>	
Phone:	703-684-1111

Email: yshgroup@ipfirm.com, docketing@ipfirm.com
Correspondent Name: HAUPTMAN HAM, LLP
Address Line 1: 2318 MILL ROAD, SUITE 1400
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 5070-0073DIV

NAME OF SUBMITTER: YOON S. HAM

SIGNATURE: /Yoon S. Ham/

DATE SIGNED: 09/23/2022

Total Attachments: 14

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DOCKET NO. 5070-0073
Client Ref. No. OP17155US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|----------------------|-----------------------|
| 1) Takeshi MURASHIGE | 2) Junichi INAGAKI |
| 3) Kazuhito HOSOKAWA | 4) Kota NAKAI |
| 5) Toshihiro KANNO | 6) Yoshinori HASEGAWA |
| 7) Kaoru MITSUGI | 8) Naohiro IKAI |
| 9) Hiroki MORI | 10) Yohei KIRIHATA |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **NITTO DENKO CORPORATION**, having a place of business at 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 Japan, and **Nippon Electric Glass Co., Ltd.**, having a place of business at 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 Japan, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

Manufacturing method for glass film with resin tape, and manufacturing method for glass film

- (a) for which an application for United States Letters Patent was filed on April 25, 2019, and identified by United States Patent Application No. 16/345,211; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Takeshi Murashige
Name: Takeshi MURASHIGE

December 11, 2019

Date

2) Junichi Inagaki
Name: Junichi INAGAKI

December 11, 2019

Date

3) _____
Name: Kazuhito HOSOKAWA

Date

4) Kota Nakai
Name: Kota NAKAI

December 11, 2019

Date

5) Toshihiro KANNO
Name: Toshihiro KANNO

December 11, 2019

Date

DOCKET NO. 5070-0073
Client Ref. No. OP17155US

6) _____
Name: Yoshinori HASEGAWA

Date

7) _____
Name: Kaoru MITSUGI

Date

8) _____
Name: Naohiro IKAI

Date

9) _____
Name: Hiroki MORI

Date

10) _____
Name: Yohei KIRIHATA

Date

DOCKET NO. 5070-0073

Client Ref. No. OP17155US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

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| 1) Takeshi MURASHIGE | 2) Junichi INAGAKI |
| 3) Kazuhito HOSOKAWA | 4) Kota NAKAI |
| 5) Toshihiro KANNO | 6) Yoshinori HASEGAWA |
| 7) Kaoru MITSUGI | 8) Naohiro IKAI |
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(a) for which an application for United States Letters Patent was filed on April 25, 2019, and identified by United States Patent Application No. 16/345,211; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) _____
Name: Takeshi MURASHIGE

Date

2) _____
Name: Junichi INAGAKI

Date

3) _____
Name: Kazuhito HOSOKAWA

Date

4) _____
Name: Kota NAKAI

Date

5) _____
Name: Toshihiro KANNO

Date

6) Yoshinori HASEGAWA
Name: Yoshinori HASEGAWA

December 11, 2019

Date

7) Kaoru MITSUGI
Name: Kaoru MITSUGI

December 11, 2019

Date

8) Naohiro IKAI
Name: Naohiro IKAI

December 11, 2019

Date

9) Hiroki Mori
Name: Hiroki MORI

December 11, 2019

Date

10) Yohei Kirihata
Name: Yohei KIRIHATA

December 11, 2019

Date

CERTIFICATE OF TRANSLATION

I, Hiroyuki SUDA, Patent Attorney of c/o NAKAMURA & PARTNERS, Shin-Tokyo Building, 3-1, Marunouchi 3-chome, Chiyoda-Ku, Tokyo, JAPAN, do hereby certify that I am conversant with the English and Japanese languages and am a competent translator, thereof, and certify that to the best of my knowledge and belief the attached English translation is a true translation, made by me and for which I accept responsibility, of the Certificate of Employment issued by NITTO DENKO CORPORATION.

December 11, 2019



Hiroyuki SUDA
Patent Attorney
NAKAMURA & PARTNERS

Nitto
Innovation for Customers
Nitto Denko Corporation
Onomichi Plant
455-6, Hongo, Minogo-cho, Onomichi, Hiroshima, 772-0212, Japan
Tel. 0848-48-2100 Fax. 0848-48-4550

October 23, 2019

CERTIFICATE OF EMPLOYMENT

Company Name: Onomichi Plant, Nitto Denko Corporation
Address: 455-6, Hongo, Minogo-cho, Onomichi, Hiroshima, Japan
Representative: Senior General Manager Takuya MATSUI

This is to certify that the person detailed below has been employed by our company.

Remarks

1. Name	Kazuhito HOSOKAWA
2. Date of Birth	July 19, 1970
3. Date of joining the company	April 1, 1994
4. Retirement date	December 31, 2016
5. Years of Service to the company	22 years and 9 months
6. Job History	

Period	Job Description	Place of Employment
April 1, 1994 to June 30, 2003	Design and development of industrial tape	Toyohashi Plant, Nitto Denko Corporation 18, Hirayama, Nakahara-cho, Toyohashi, Aichi, Japan Tel 0532-41-1121
July 1, 2003 to March 31, 2004	Design and development of electronic component	Kameyama Plant, Nitto Denko Corporation 919, Fuke-cho, Kameyama, Mie, Japan Tel 0595-82-1151
April 1, 2004 to October 31, 2008	Resided at our US local subsidiary	Nitto Denko Technical Corporation 501 Via Del Monte, Oceanside, CA 92058, U.S.A. +1-760-435-7011
November 1, 2008 to September 30, 2011	Design and development of core technologies	Ibaraki Plant, Nitto Denko Corporation 1-1-2, Shimohozumi, Ibaraki, Osaka, Japan Tel 072-622-2981
October 1, 2011 to December 31, 2016	Design and development of optical component	Onomichi Plant, Nitto Denko Corporation 455-6, Hongo, Minogo-cho, Onomichi, Hiroshima, Japan Tel 0848-48-2100

Concluded.

Nitto

Innovation for Customers

日東電工株式会社

尾道事業所

〒722-0212 広島県尾道市美ノ郷町本郷 455-6

TEL 0848-48-2100 FAX 0848-48-4550

2019年10月23日

在職証明書

住所 : 広島県尾道市美ノ郷町本郷 455 番 6 号

会社名 : 日東電工株式会社 尾道事業所

代表者名 : 事業所長 卓 哉

下記人は、当社に在職していた事を証明致します。

記

1. 氏名 細川 和人
2. 生年月日 1970 年 7 月 19 日
3. 入社年月日 1994 年 4 月 1 日
4. 退職日 2016 年 12 月 31 日
5. 勤務年数 22 年 9 ヶ月
6. 職務歴

期間	職務内容	勤務先
1994 年 4 月 1 日～ 2003 年 6 月 30 日	工業用テープの設計開発	日東電工株式会社 豊橋事業所 愛知県豊橋市中原町字平山 18 番地 0532-41-1121
2003 年 7 月 1 日～ 2004 年 3 月 31 日	エレクトロニクス部材の 設計開発	日東電工株式会社 亀山事業所 三重県亀山市布気町 919 番地 0595-82-1151
2004 年 4 月 1 日～ 2008 年 10 月 31 日	弊社 アメリカ現地法人会社駐在	Nitto Denko Technical Corporation 501 Via Del Monte, Oceanside, CA 92058, U.S.A. +1-760-435-7011
2008 年 11 月 1 日～ 2011 年 9 月 30 日	基幹技術の設計開発	日東電工株式会社 茨木事業所 大阪府茨木市下穂積 1 丁目 1 番 2 号 072-622-2981
2011 年 10 月 1 日～ 2016 年 12 月 31 日	光学部材の設計開発	日東電工株式会社 尾道事業所 広島県尾道市美ノ郷町本郷 455 番 6 号 0848-48-2100

以 上

CERTIFICATE OF TRANSLATION

I, Hiroyuki SUDA, Patent Attorney of c/o NAKAMURA & PARTNERS, Shin-Tokyo Building, 3-1, Marunouchi 3-chome, Chiyoda-Ku, Tokyo, JAPAN, do hereby certify that I am conversant with the English and Japanese languages and am a competent translator, thereof, and certify that to the best of my knowledge and belief the attached English translation is a true translation, made by me and for which I accept responsibility, of Japanese Patent Law Article 35(2).

December 11, 2019



Hiroyuki SUDA

Patent Attorney

NAKAMURA & PARTNERS

Japanese Patent Law

Article 35

(2) In the case of an invention by an employee, etc., any provision in any agreement, employment regulation or any other stipulation providing in advance that the right to obtain a patent or that the patent rights for any invention made by an employee, etc. shall vest in the employer, etc., or that an exclusive license for the said invention shall be granted to the employer, etc., shall be null and void unless the said invention is an employee invention.

日本特許法

第三十五条

2 従業者等がした発明については、その発明が職務発明である場合を除き、あらかじめ使用者等に特許を受ける権利若しくは特許権を承継させ又は使用者等のため専用実施権を設定することを定めた契約、勤務規則その他の定めのある条項は、無効とする。

Docket No.: 5070-0073

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:
	:
Takeshi MURASHIGE et al.	: Confirmation No. 6441
	:
U.S. Patent Application No. 16/345,211	: Group Art Unit: to be assigned
	:
Filed: April 25, 2019	: Examiner: to be assigned

For: Manufacturing method for glass film with resin tape, and manufacturing method for glass film

DECLARATION IN SUPPORT OF LEGAL MEMORANDUM

I, Hiroyuki SUDA, the undersigned, hereby declare that:

1. I am a Japanese Patent Attorney

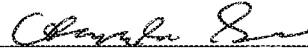
at NAKAMURA & PARTNERS

of Shin-Tokyo Building, Room No. 616, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8355, Japan.

2. I discussed the contents of the invention with co-inventor Kazuhito HOSOKAWA when preparing a patent application entrusted by NITTO DENKO CORPORATION of 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan and Nippon Electric Glass Co., Ltd. of 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 Japan, on or around July 1, 2016. This application was eventually filed in the Japan Patent Office on October 26, 2016, as Japanese Patent Application No. 2016-209753. I understood that US Patent Application No. 16/345,211 was later filed by NITTO DENKO CORPORATION and Nippon Electric Glass Co., Ltd. based on the aforementioned Japanese application.
3. I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or

any patent issuing thereon.

Dated: December 11, 2019

A handwritten signature in cursive script, appearing to read 'Hiroyuki Suda', is written over a horizontal line.

Hiroyuki SUDA
Patent Attorney

Docket No.: 5070-0073

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:
	:
Takeshi MURASHIGE et al.	: Confirmation No. 6441
	:
U.S. Patent Application No. 16/345,211	: Group Art Unit: to be assigned
	:
Filed: April 25, 2019	: Examiner: to be assigned

For: Manufacturing method for glass film with resin tape, and manufacturing method for glass film

LEGAL MEMORANDUM

I, Yoshinori KISHI, the undersigned, hereby declare that:

- 1) I am a Japanese Attorney at Law

at NAKAMURA & PARTNERS

of Shin-Tokyo Building, Room No. 616, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8355, Japan.

- 2) I rely on the following documents in this Legal Memorandum

- a) Japanese Patent Law Article 35(2), a copy and a certified English translation thereof are attached herewith,
- b) the attached Certificate (in Japanese and with a certified English translation attached herewith) issued by NITTO DENKO CORPORATION of 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 Japan, showing that co-inventor Kazuhito HOSOKAWA was employed by NITTO DENKO CORPORATION between April 1, 1994 and December 31, 2016, and
- c) the attached Declaration by Hiroyuki SUDA, a Japanese Patent Attorney at NAKAMURA & PARTNERS, of Shin-Tokyo Building, Room No. 616, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8355, Japan, showing that co-inventor HOSOKAWA, around July 1, 2016, i.e., during employment by NITTO DENKO CORPORATION, co-invented

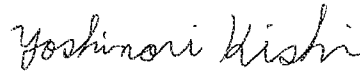
PATENT

REEL: 061200 FRAME: 0361

the invention described and claimed in Japanese Patent Application No. 2016-209753 which was eventually filed in the USPTO as the above-captioned application, i.e., US Patent Application No. 16/345,211.

- 3) In view of the facts at b) and c), which show that inventor HOSOKAWA co-invented the invention described and claimed in Japanese Patent Application No. 2016-209753 and the above-captioned application, while being employed by NITTO DENKO CORPORATION, and pursuant to the Japanese law at a), I conclude that a court of competent jurisdiction in Japan, by the weight of authority in that jurisdiction, would hold that a right to obtain a patent had been assigned from inventor HOSOKAWA to NITTO DENKO CORPORATION in Japan and foreign countries under the Japanese law, and would award title of the invention in Japanese Patent Application No. 2016-209753 and the above-captioned application to NITTO DENKO CORPORATION.

Dated: December 11, 2019



Yoshinori KISHI
Attorney at Law