

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4033092

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YASUKAZU KUWAYAMA	07/12/2016
HIROSHI INADA	07/12/2016
AIKO YOSHIDA	07/14/2016
YOSHITAKA MAEDA	07/19/2016
YUSUKE INO	07/21/2016
SHUUJI KANAYAMA	09/05/2013
NOBUTAKA FUKAGAWA	07/12/2016
RECEIVING PARTY DATA	
Name:	FUJIFILM Corporation
Street Address:	26-30, Nishiazabu 2-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	106-8620
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15253179
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	ipgeneral@edwardsneils.com
Correspondent Name:	JEAN C. EDWARDS, ESQ.
Address Line 1:	125 WEST STREET
Address Line 2:	SUITE 202
Address Line 4:	ANNAPOLIS, MARYLAND 21401
ATTORNEY DOCKET NUMBER:	87000.0037
NAME OF SUBMITTER:	JEAN C. EDWARDS, ESQ.
SIGNATURE:	/Jean C. Edwards/
DATE SIGNED:	08/31/2016

Total Attachments: 9

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ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

特許出願宣誓書及び譲渡書 (37 CFR 1.63)

Japanese Language Assignment with Declaration

下記に署名した発明者（以下“譲渡人”）である私／我々は、下記で特定される出願書類の中に記載されたいくつかの改良について発明を行い、また、

富士フイルム株式会社（譲受人）は本出願および本発明に対する全ての権利、権原、および利益、ならびに当該出願および発明に対して得られる米国特許の取得を希望しているため、

ここに、譲渡人は、上記譲受人への譲渡に関し、相当の対価を受けることを確認し、

上記譲渡人である私／我々は、本宣誓書及び譲渡書により、
I 上記指定された譲受人、その後継者および継承人に対して、以下の全てを売却、譲渡および移転します。

- すべての分割出願および継続出願を含めて、アメリカ合衆国で開示された本出願および本発明に対する全ての権利、権原および利益、
ならびに、

- 同出願および発明に対して交付された米国特許証およびその全ての再発行（米国特許法第 119 条に基づく優先権主張の権利を含む）に対する全ての権利、権原および利益。

II また、米国特許商標局長官に対して、本出願で記述された発明に対して交付された特許証を譲受人、その後継者および継承人に対し発行するよう要請し、また、追加の対価を受けることなく、譲受人の要求に応じて、米国出願に関連して譲受人が必要とみなすすべての書類の完成実施・署名を行います。

私は下記に記載の発明者として以下の通り宣言します。

本宣誓書及び譲渡書は以下に関するものです。

☒ 添付の出願書類、または

☐ _____ 年 ____ 月 ____ 日に提出された米国出願あるいは
PCT 国際出願番号
_____（確認番号 _____）

本出願の名称は以下の通りです。

セルロースエステルフィルム、偏光板および液晶表示装置

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, FUJIFILM Corporation (assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

☒ The attached application, or

☐ United States Application or PCT International Application
Number filed on [application date]
(Confirmation No. [confirmation no]).

The application is entitled:

CELLULOSE ESTER FILM, POLARIZING PLATE, AND LIQUID
CRYSTAL DISPLAY DEVICE

Japanese Language Assignment with Declaration

上記に特定された出願は私が作成した、または作成を許可したものです。

The above identified application was made or was authorized to be made by me.

私は私が本出願で請求されている発明を自らなした発明者、または共同発明者であると信じます。

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

私は本宣誓書及び譲渡書において故意になされた一切の虚偽の陳述が 18 USC 1001 に基づき罰金あるいは 5 年未満の拘禁または両方による処罰にあたることを理解しています。

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR §1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature / Atsushi Nakamura /
Atsushi Nakamura

Date September 16, 2012

NAME OF SOLE OR FIRST INVENTOR: 唯一あるいは第一の発明者名:		Yasukazu KUWAYAMA 桑山 靖和	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Yasukazu		KUWAYAMA	
Inventor's signature 発明者の署名		Date 日付	
Yasukazu Kuwayama		Jul. 12. 2016	
NAME OF SECOND INVENTOR: 第二の発明者名:		Hiroshi INADA 稲田 寛	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Hiroshi		INADA	
Inventor's signature 発明者の署名		Date 日付	
Hiroshi Inada		Jul. 12. 2016	
NAME OF THIRD INVENTOR: 第三の発明者名:		Aiko YOSHIDA 吉田 愛子	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Aiko		YOSHIDA	
Inventor's signature 発明者の署名		Date 日付	
Aiko Yoshida		Jul. 14, 2016	
NAME OF FOURTH INVENTOR: 第四の発明者名:		Yoshitaka MAEDA 前田 義高	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Yoshitaka		MAEDA	
Inventor's signature 発明者の署名		Date 日付	
Yoshitaka Maeda		Jul. 19. 2016	
NAME OF FIFTH INVENTOR: 第五の発明者名:		Yusuke INO 井野 雄介	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Yusuke		INO	
Inventor's signature 発明者の署名		Date 日付	
Yusuke Ino		Jul. 21, 2016	
NAME OF SIXTH INVENTOR: 第六の発明者名:		Shuuji KANAYAMA 金山 修二	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Shuuji		KANAYAMA	
Inventor's signature 発明者の署名		Date 日付	

NAME OF SEVENTH INVENTOR: 第七の発明者名:		Nobutaka FUKAGAWA 深川 伸隆	
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
Nobutaka Fukagawa		Jul. 12. 2016	
NAME OF EIGHTH INVENTOR: 第八の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF NINTH INVENTOR: 第九の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF TENTH INVENTOR: 第十の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF TENTH INVENTOR: 第十一の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF TENTH INVENTOR: 第十二の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF TENTH INVENTOR: 第十三の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	
NAME OF TENTH INVENTOR: 第十四の発明者名:			
Given Name (first and middle [if any]) 名 ([該当する場合] ミドルネーム)		Family Name or Surname 姓	
Inventor's signature 発明者の署名		Date 日付	

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	CELLULOSE ESTER FILM, POLARIZING PLATE, AND LIQUID CRYSTAL DISPLAY DEVICE		
This statement is directed to:			
<input checked="" type="checkbox"/> The attached application,			
OR			
<input type="checkbox"/> United States application or PCT international application number _____ filed on _____.			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Shuuji KANAYAMA			
Residence (except for a deceased or legally incapacitated inventor):			
City	Minamiashigara-shi, Kanagawa	State	Country Japan
Mailing Address (except for a deceased or legally incapacitated inventor):			
c/o FUJIFILM Corporation, 210 Nakanuma			
City	Minamiashigara-shi, Kanagawa	State	Zip 250-0193 Country Japan
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
☐ Inventor is under legal incapacity,
☒ Inventor cannot be found or reached after diligent effort, or
☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
OR
☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Mitsuru KOIKE**

Date (Optional): *July 26, 2016*

Signature:

Mitsuru Koike

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

FUJIFILM Corporation

Applicant Name:

Title of Person Executing This Substitute Statement: **General Manager, IP Technology Div., Intellectual Property Headquarters, FUJIFILM Corporation**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Tokyo** State Country **Japan**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)
c/o FUJIFILM Corporation, 26-30, Nishiazabu 2-chome, Minato-ku

City **Tokyo** State Zip **106-8620** Country **Japan**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

2013年9月5日

譲渡証書

富士フイルム株式会社 殿

下記の発明・考案・意匠の創作の内外国における特許・実用新案・意匠登録を受ける権利の全部を、貴社の規定に則り貴社に譲渡した事に相違ありません。

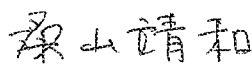

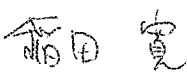

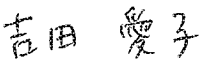

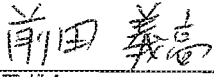

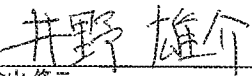

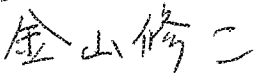



提案番号: 201308-0246

提案日: 2013-08-28

専特番号: 13F04209

発明の名称: -NHCO-構造を少なくとも1つ以上有する添加剤を含み、かつ微小硬度計における押し込み硬度と除荷後の圧痕深さの回復を向上させることで、高い鉛筆硬度を有するセルロースエステルフィルムを得た。

【社内発明者】

No	社員番号	漢字氏名 (自筆署名)	所属部署名	寄与率	印(印鑑)
1	10021584	桑山 靖和 	R&D統括本部 フラットパネルディスプレイ材料研究所 FP研(足) FP研(足) E	30	
2	10017082	稲田 寛 	R&D統括本部 有機合成化学研究所 合成研(足)	15	
3	10097506	吉田 愛子 	R&D統括本部 有機合成化学研究所 合成研(足)	15	
4	10018493	前田 義高 	R&D統括本部 解析技術センター 解析セ(足)	10	
5	10098969	井野 雄介 	R&D統括本部 解析技術センター 解析セ(足)	10	
6	10090290	金山 修二 	R&D統括本部 解析技術センター 解析セ(足)	10	
7	10092393	深川 伸隆 	R&D統括本部 フラットパネルディスプレイ材料研究所 FP研(足) FP研(足) E	10	

[Translation of Assignment]

13F04209

September 5, 2013

ASSIGNMENT

To: FUJIFILM Corporation

I affirm that I have assigned the entire right to obtain domestic and foreign patents, utility model registrations or design registrations for the below-specified invention, device or creation of design to the corporation in conformity with the corporation's regulations.

Proposition Number: 201308-0246 Proposition Date: 2013-08-28

Matter Specifying Number: 13F04209

Title of Invention: Cellulose Ester Film with high pencil hardness can be obtained by containing additives having at least more than one -NHCO- structure and improving the indentation hardness measured by micro hardness meter and the recovery of indentation depths after unloading.

[In-house Inventor]

No	Employee Number	Name in Kanji (Signature signed Personally)	Name of Belonging Post	Contribution Rate	Seal (Seal Impression)
1	10021584	Yasukazu KUWAYAMA [Signature]	FP Lab (Ashi) E, FP Lab (Ashi), Flat Panel Display Materials Research Laboratories, R&D Management Headquarters	30	[Seal]
2	10017082	Hiroshi INADA [Signature]	Gosei Lab (Ashi), Synthetic Organic Chemistry Laboratories, R&D Management Headquarters	15	[Seal]
3	10097506	Aiko YOSHIDA [Signature]	Gosei Lab (Ashi), Synthetic Organic Chemistry Laboratories, R&D Management Headquarters	15	[Seal]

4	10018493	Yoshitaka MAEDA [Signature]	Kaiseki Center (Ashi) Analysis Technology Center, R&D Management Headquarters	10	[Seal]
5	10098969	Yusuke INO [Signature]	Kaiseki Center (Ashi) Analysis Technology Center, R&D Management Headquarters	10	[Seal]
6	10090290	Shuuji KANAYAMA [Signature]	Kaiseki Center (Ashi) Analysis Technology Center, R&D Management Headquarters	10	[Seal]
7	10092393	Nobutaka FUKAGAWA [Signature]	FP Lab (Ashi) E, FP Lab (Ashi), Flat Panel Display Materials Research Laboratories, R&D Management Headquarters	10	[Seal]