505823374 12/16/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| YUSHI KANEKO | 09/30/2019 |
| YOSHINORI TAGUCHI | 10/02/2019 |
| HIROTAKA TAKISHITA | 10/02/2019 |
| MASAHIRO MORI | 10/02/2019 |
| YASUHIRO SAWAMURA | 09/30/2019 |

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| Postal Code: | 106-8620 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16713234 | |

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| ATTORNEY DOCKET NUMBER: | 1110-0682PUS1 | |
|-------------------------|----------------------|--|
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| SIGNATURE: | /Michael A Clementi/ | |
| DATE SIGNED: | 12/16/2019 | |

Total Attachments: 2

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PATENT 505823374 REEL: 051297 FRAME: 0092

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PATENT REEL: 051297 FRAME: 0093

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

Whereas, FUJIFILM Corporation (assignee(s)), desires to acquire

the entire right, title, and interest in the application and invention,

Now therefore, for valuable consideration, receipt whereof is

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

and to any United States patents to be obtained therefor,

application identified below; and

hereby acknowledged,

assignee.

Docket No.: 1110-0682PUS1
Applicant Ref. No.: 17F01586US01
Only After Sept 16, 2012

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。
- i 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。

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

The attached application, or

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

私は下記に記載の発明者として以下の通り宣言します。

□ ______年_月_日に出願された米国出願あるいは PCT 国際出願番号

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。

組成物、膜、レンズ、固体撮像素子、化合物

United States Application or PCT International Application Number filed on [application_date]

(Confirmation No. [confirmation no]).

The application is entitled:

COMPOSITION, FILM, LENS, SOLID-STATE IMAGING ELEMENT, AND COMPOUNDS

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Japanese Language Assignment with Declaration

Signature

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。

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。

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。

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

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

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

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.

/ Toshihiro MATSUMOTO /

Toshihiro Matsumoto

| The assignment with declaration is an accurate tra- corresponding English language assignment with declara- | | | | |
|--|-------------------------------|------------------------|-------------------------|--|
| corresponding English ranguage assignment with deciar | auon. | Date August | : 15, 2019 | |
| NAME OF SOLE OR FIRST INVENTOR: 唯一あるいは第一の発明者名: | Yushi KANE 金子 祐士 | EKO . | | |
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| Inventor's signature 発明者の署名 | aneko | | Date 日付 Sept 30,2019 | |
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| 名([該当する場合]ミドルネーム) Yoshinori | To 21 11 - | 姓 | TAGUCHI | |
| | | - Y.T. Oct. 2.2019 | Date Dept 30,2019 (T. a | |
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| Inventor's signature 発明者の署名 Hiro taka | Takis | hi ta | Date 日付 Oct. 2. 2019 | |
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| 名([該当する場合]ミドルネーム) Masahiro | | 姓 | MORI | |
| Inventor's signature 発明者の署名 Masahiro | Mori | | Date 日付 Oct. 2, 2019 | |
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| 名([該当する場合]ミドルネーム) Yasuhiro | | 姓 | SAWAMURA | |
| Inventor's signature 発明者の署名 (QSuhiro Sawa | LMULA | | Date Sept. 30, 2019 | |
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| 名([該当する場合]ミドルネーム) | | 姓 | | |
| Inventor's signature 発明者の署名 | | | Date 日付 | |

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RECORDED: 12/16/2019