505780050 11/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5826876

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| MIZUKI TAKEI | 09/06/2019 |

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: | 16681831 |

CORRESPONDENCE DATA

Fax Number: (949)391-4699

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.

Correspondent Name: JCIPRNET

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| ATTORNEY DOCKET NUMBER: | 093535-US-210 | |
|-------------------------|---------------|--|
| NAME OF SUBMITTER: | BELINDA LEE | |
| SIGNATURE: | /Belinda Lee/ | |
| DATE SIGNED: | 11/19/2019 | |

Total Attachments: 2

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PATENT 505780050 REEL: 051043 FRAME: 0772

Docket No.: 093535-US-210 Applicant Ref. No.: 18F11298US01 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。

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.

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18F11298US01

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。

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

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.

/ Atsushi Nakamura /

| STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR §1.69(b): | Signature Atsushi Nakamura | |
|---|----------------------------|--|
| The assignment with declaration is an accurate translation of t corresponding English language assignment with declaration. | | |
| | Date September 16, 2012 | |
| NAME OF SOLE OR FIRST INVENTOR: Mizuki TA 唯一あるいは第一の発明者名: 武井 瑞希 | | |
| Given Name (first and middle [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) Mizuki | 姓 TAKEI | |
| Inventor's signature 発明者の署名 Mizuki Takei | Date Sept. 6. 2019 | |
| NAME OF SECOND INVENTOR: 第二の発明者名: | | |
| Given Name (first and middlc [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) | 姓 | |
| Inventor's signature | Date | |
| 発明者の署名 | 日付 | |
| NAME OF THIRD INVENTOR: 第三の発明者名: | | |
| Given Name (first and middle [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) | 姓 | |
| Inventor's signature | Date | |
| 発明者の署名 | 日付 | |
| NAME OF FOURTH INVENTOR: 第四の発明者名: | | |
| Given Name (first and middle [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) | 姓 | |
| Inventor's signature | Date | |
| 発明者の署名 | 日付 | |
| NAME OF FIFTH INVENTOR: 第五の発明者名: | | |
| Given Name (first and middle [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) | 姓 | |
| Inventor's signature | Date | |
| 発明者の署名 | 日付 | |
| NAME OF SIXTH INVENTOR: 第六の発明者名: | | |
| Given Name (first and middle [if any]) | Family Name or Surname | |
| 名([該当する場合]ミドルネーム) | 姓 | |
| Inventor's signature | Date | |
| 発明者の署名 | 日付 | |

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PATENT

REEL: 051043 FRAME: 0774 **RECORDED: 11/19/2019**