10/16/2015 503526357

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3572983

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| TOMOTAKA MATSUMOTO | 06/19/2015 |
| TAKASHI AOKI | 06/19/2015 |
| TAKAHIRO HIROSE | 06/19/2015 |
| SHOICHI TAHARA | 06/19/2015 |
| HERWICK TAN | 07/20/2015 |
| NATACHA JEROME | 06/22/2015 |

RECEIVING PARTY DATA

| Name: | Kao Corporation | |
|-----------------|--|--|
| Street Address: | 14-10, Nihonbashi Kayabacho 1-chome, Chuo-ku | |
| City: | Tokyo | |
| State/Country: | Japan | |
| Postal Code: | 103-8210 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14655573 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

svillalobos@oblon.com Email:

Correspondent Name: OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 453880US68PCT | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | SANTIAGO VILLALOBOS | |
| SIGNATURE: | /Santiago Villalobos/ | |
| DATE SIGNED: | 10/16/2015 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

PATENT REEL: 036809 FRAME: 0405

503526357

Total Attachments: 4

source=453880USASSIG#page1.tif

source=453880USASSIG#page2.tif

source=453880USASSIG#page3.tif

source=453880USASSIG#page4.tif

PATENT REEL: 036809 FRAME: 0406

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of NITRILE COMPOUND | | | | |
|---|--|--|--|--|
| Invention | | | | |
| As the below named inventor, I hereby declare that: | | | | |
| This declaration The attached application, or | | | | |
| is directed to: United States application or PCT international application number PCT/JP2013/082990 filed on December 9, 2013 | | | | |
| The above-identified application was made or 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. | | | | |
| WHEREAS, Kao Corporation (hereinafter referred to as "ASSIGNEE") having places of business at: 14-10. Nihonbashi Kayabacho I-chome. Chuo-ku, Tokyo 103-8210. JAPAN, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; | | | | |
| NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof. | | | | |
| I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made. | | | | |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. | | | | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | |
| LEGAL NAME OF INVENTOR | | | | |
| Inventor: Tomotaka MATSUMOTO Date: June 19, 2015 | | | | |
| Signature: 和本 友友 | | | | |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 036809 FRAME: 0407

| SUPPLEMENTAL | SHEET | FOR D | ECLAR | ATION | USING |
|----------------|-------|-------|-------|-------|-------|
| AN APPLICATION | | | | | |

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page _ l_of___

| Legal Name of Joint Inventor, if any: | |
|---|---|
| (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) | |
| Takashi AOKI | |
| | June 19, 2015 |
| Inventor's | · · |
| Signature P 1 | ate (Optional) |
| | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Takahiro HIROSE | |
| 34 JA # 176 | June 19, 2015 |
| Inventor's B XD /2 /-7 | Date (Optional) |
| Signature / 12 - 2 / 5 | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Shoichi TAHARA | |
| Minicul Lydrawy | Tumo 10, 2015 |
| | June 19, 2015 |
| Inventor's I / P / P . T . T . T . T . T . T . T . T . T . | Date (Optional) |
| | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Herwick TAN | المعاصدين والمائي |
| | |
| Inventor's | |
| Signature | Date (Optional) |
| | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Natacha JEROME | |
| | |
| Inventor's | Date (Optional) |
| Signature | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | · · · · · · · · · · · · · · · · · · · |
| (E.g., Given Name (tirst and iniquie (ii ally)) and I alloy i allow or o allow- | |
| | *************************************** |
| | |
| Inventor's Signature | Date (Optional) |
| | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| (mg) arran time france | |
| | · · · · · · · · · · · · · · · · · · · |
| ilrventor's | |
| Signature | Date (Optional) |

PATENT

REEL: 036809 FRAME: 0408

| SUPPLEMENTAL SHEET FOR DECLARATION USING AN APPLICATION DATA SHEET AND ASSIGNMENT | ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1 |
|--|---|
| and the second s | |

| Legal Name of Joint Inventor, if any: | | | |
|--|-----------------|--|--|
| (Eg., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| Takashi AOKI | | | |
| | | | |
| Inventor's | | | |
| Inventor's Signature | Date (Optional) | | |
| | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (Eg., Given Name (first and middle (if any)) and Family Name or Samasse) | · | | |
| Takahiro HIROSE | | | |
| | | | |
| Inventor's | | | |
| Signature | Date (Optional) | | |
| | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| Shoichi TAHARA | | | |
| | | | |
| inventor's | | | |
| Signature | Date (Optional) | | |
| | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (Eg., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| Herwick TAN / | | | |
| | July 20, 2015 | | |
| inventor's | 1 | | |
| Signature | Date (Optional) | | |
| The family to sent the contract of the contrac | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| Natacha JEROME | | | |
| | | | |
| Inventor's | Deta (0-1 | | |
| Signature | Date (Optional) | | |
| | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (Eg., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| | | | |
| | | | |
| Inventor's | Date (Ontional) | | |
| Signature | Date (Optional) | | |
| | | | |
| Legal Name of Joint Inventor, if any: | | | |
| (Eg., Given Name (first and middle (if any)) and Family Name or Surname) | | | |
| | | | |
| | | | |
| Inventor's | D-1-(0-1)0 | | |
| Signature | Date (Optional) | | |

PATENT REEL: 036809 FRAME: 0409

| SUPPLEMENTAL | | | TIAN HAINA |
|----------------|--------|-------------|-----------------|
| ALIDOL CMENTAL | eucct | COD DECLA | INALICIM DESING |
| SUPPLEMENTAL | ancei | FUR DEVE | 11741161164116 |
| AA: C | | | |
| | | 4::=== AND | ACCIONMENT |
| | м пата | SHEFLANU | ASSIGNMENT |
| AN APPLICATIO | | A11#=1 Wis- | |

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

| Legal Name of Joint Inventor, if any: | |
|--|--|
| (E.g., Given Name (first and middle (if any)) and Finnity Name or Surname) | |
| Takashi AOKI | |
| | |
| Inventor's Signature | Date (Óptional) |
| J. Communication of the Commun | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Takahiro HIROSE | |
| | |
| Inventor's | Oate (Optional) |
| Signature | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (First, and middle (if any)) and Family Name or Surname) | |
| Shoichi TAHARA | en e |
| Stratem Patrack | |
| Inventor's | |
| Signature | Date (Optional) |
| | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Herwick TAN | |
| | |
| tovenior's | Date (Optional) |
| Signature | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Natacha JEROME | |
| 31 | 22/06/2018 |
| Inventor's Signature | Date (Optional) |
| Signature / June | |
| The same of the sa | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| | |
| | |
| Inventor's Signature | Date (Optional) |
| CONTRACTOR OF THE CONTRACTOR O | |
| Legal Name of Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| | . Park |
| | |
| Inventor's | Date (Optional) |
| Signature | I nave stylingura. |

PATENT REEL: 036809 FRAME: 0410

RECORDED: 10/16/2015