503113506 12/23/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3160114

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

CONVEYING PARTY DATA

| Name | Execution Date | | |
|------------------|----------------|--|--|
| ARISA SAKAKIBARA | 12/17/2014 | | |
| KATSURO MIURA | 12/17/2014 | | |

RECEIVING PARTY DATA

| Name: | BROTHER KOGYO KABUSHIKI KAISHA | | |
|-----------------|---|--|--|
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| City: | NAGOYA-SHI, AICHI-KEN | | |
| State/Country: | JAPAN | | |
| Postal Code: | 467-8561 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | | |
|---------------------|----------|--|--|--|--|
| Application Number: | 14580521 | | | | |

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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.

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E. JOSEPH GESS Correspondent Name: Address Line 1: P.O. BOX 2903

Address Line 2: **MERCHANT & GOULD PC**

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

| ATTORNEY DOCKET NUMBER: | 04484.0056FP01 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MARK L. GLEASON |
| SIGNATURE: | /Mark L. Gleason/ |
| DATE SIGNED: | 12/23/2014 |

Total Attachments: 1

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PATENT REEL: 034574 FRAME: 0974 503113506

ASSIGNMENT

| | • | (1) | Arisa SAKA | KIBARA | (5) | | | | |
|---|---|--|---|---|--|--|---|--|---|
| (1-8) | insert | (2) | Katsuro MIL | JRA | (6) | | | | |
| | Name(s) of Inventor(s) | (3) | | | (7) | | | | |
| | | (4) | | | | | | | |
| | | | In conside | eration of the sum of andersigned, the under | one dollar (\$1.00) | and othe | r good and valu | able conside | erations paid to |
| (9) | Insert Name of Assignee | (9) | BROTHER | KOGYO KABUSHII | (I KAISHA | | | | |
| (10) | Insert Address of Assignee | (10) | 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan | | | | | | |
| | | | as defined in provisional, no | signated as the Assig 35 U.S.C. §100, in t n-provisional, division ions, reissues and ree | he invention, and al, continuation, s | in all ap substitute, | plications for pa and reissue ap | atent includi oplication(s), | ing any and al and all Letters |
| (11) | Insert Identification of Invention | (11) | SHEET CON | NVEYING DEVICE | AND IMAGE RE | EADING | DEVICE | | |
| | such as Title, Case Number, or Foreig Application Number | n | (Attorney Doc | | | | | | |
| (42) | Insert Date of | | | ndersigned has (have | | dication fo | rpatent in the U | inited States | of America |
| (12) | Signing of Application | (12) | on | ec. 17, 20 | 14 | | | | |
| (13) | Alternative Identification for filed applications | (13) | U.S. application | n Serial Number Decemb | 14/580,5 per 23, 2014 | 21 | | | |
| application any application Assigner claims of the control States refull right the rewith the control dentification | ons and patents as the 2) The undersigned ication or continuation in every way possib 3) The undersigned reprovisions of the Intervisions of the Intervision a grant of a value of the undersigned esculting from said appropriate to convey the entire inc. 6) The undersigned of the undersigned to convey the entire inc. | ne Assidagreen or divide in of diagreen emation diagreen emation diagreen emation diagreen emation diagreen emation diagreen emation e | gnees may deer (s) to execute a vision thereof, or otaining evidence (s) to execute a nal Convention a ed States patem y authorize(s) a n(s) to the said therein assigned by grant(s) the | all papers necessary in any patent or reissue e and going forward will papers and docum for Protection of Indus all affirmative acts will affirmative acts will appers and all affirmative acts will apper acts and acts and acts acts and acts acts acts and acts acts acts acts acts acts acts acts | in connection with application based with such interferer ents and perform strial Property or si hich may be neo missioner of Pate se of the entire inter ey have) not exect | any inter d thereon, nce. any act v imilar agre essary to ents to iss erest, and uted, and | ference which r for the invention which may be n eements. obtain, mainta sue any and all I I hereby covena will not execute to insert on th | may be decken, and to coo ecessary in in or confirm Letters Pater that he had any agreem | ared concerning operate with the connection with in by reissue on this of the United has (they have) ments in conflict ent any further |
| | In witness whereof, | execu | ited by the und | ersigned on the date | | - | • • | | ` |
| Date | Dec. 1 | 7, | 2014 | Name of Invento | ariso | r So | rkakiba | na | (SEAL) |
| Date | Dec. 17 | ', Z | 014 | Name of Invento | r <u>Kats</u> | uro | Miura | | (SEAL) |
| Date | | | | Name of Invento | r | ······ | ~ | | (SEAL) |
| Date | | | | Name of Invento | г | | | | (SEAL) |
| Date | | | | Name of Invento | r | | | | (SEAL) |
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PATENT REEL: 034574 FRAME: 0975

RECORDED: 12/23/2014