PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Takaichiro Umeda | 11/14/2008 |

RECEIVING PARTY DATA

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| State/Country: | JAPAN | | | |
| Postal Code: 467-8561 | | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12275042 |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: James B. Arpin, Reg. No. 33470

Total Attachments: 1

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PATENT REEL: 021870 FRAME: 0043

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ASSIGNMENT

| | | (1) | Takaichiro U | MEDA | (5) | | |
|--|--|--|---|---|--|---|--|
| (1-8) Insert Name(s) of Inventor(z) | (2) | | | (Ġ) | | | |
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| | | • • • | in considera | ation of the sum of one | dollar (\$1.00) and other | good and valuable conside aby does assign, transfer a | rations paid to each o |
| (9) | Insert Name of Assignee | (9) | BROTHER | BROTHER KOGYO KABUSHIKI KAISHA | | | |
| (10) | Insert Address of Assignee | • • | 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan | | | | |
| | - | | defined in 35 non-provisions | U.S.C. §100, in the inval, divisional, continua | ention, and in all application, substitute, and | and interest for the United ations for patent including a reissue application(s), an one granted on the invention | any and all provisional, d all Letters Patent |
| (11) Insert Identification of Invention such as Title, Case Number, or Foreigi | (11) e | DROPLET I | EJECTING DEVICE F | IAVING CAP THAT SI | EALS NOZZLES | | |
| | | j n | (Attorney Do | cket No. | 076376.1213 | | |
| | .,, | | , , | | | for patent in the United Sta | |
| (12) | Insert Date of Signing of Application | (12) | on | nov | .14,2008 | | |
| (13) | Alternative | (13) | U.S. applicati | on Serial Number | 12/275,042 | <u>'</u> | |
| | Identification for filed applications | | filed | | November 2 | 20, 2008 | |
| Assigne or provis reexami States r right to herewith | ion or continuation of ein every way possil 3) The undersigne sions of the internation 4) The undersigner action a grant of a very 5) The undersigner esculting from said appropriate in the undersigner on the undersigner of | or division of division of agree on al Core of agree of agree alid United hereit optication of the other of t | on thereof, or otaining eviden (s) to execute invention for Proce(s) to perfoned States pate by authorize(s) n(s) to the said erein assigner by grant(s) the first process. | any patent or reissue ce and going forward wall papers and docume otection of Industrial Promail affirmative acts int to the Assignee, and request(s) the Cod Assignee, as Assigned, and that he has (the imm of BAKER BOTTS) | application based there ith such interference, ints and perform any act- operty or similar agreeme which may be necessa minissioner of Patents t e of the entire interest, a by have) not executed, LLP the power to insert | terference which may be doon, for the invention, and which may be necessary in ants. The property to obtain, maintain or the control of issue any and all Letters and hereby covenants that and will not execute, any on this assignment any fur ademark Office for recordate. | to cooperate with the connection with claims confirm by reissue o s Patents of the United he has (they have) ful agreements in conflic ther identification which |
| | _ | | | dersigned on the date | (s) opposite the under | signed name(s). | |
| Date | nov. 14 | , 200 | 8 | Name of Inventor | Takaichiro UMEDA | Vmeda | (SEAL) |
| Date | · | | | Name of Invento | | | (SEAL) |
| Date | | | | Name of Invento | | · **_* · * * · · · · · · · · · · · · · · | (SEAL) |
| Date | · | | | Name of Inventor | | | (SEAL) |
| Date | | | | Name of Invento | , | | (SEAL) |
| Date | · | | · | Name of Inventor | · | | (SEAL) |
| Date | · | | | Name of Inventor | | | (SEAL) |

PATENT REEL: 021870 FRAME: 0044

Name of Inventor (SEAL)

RECORDED: 11/20/2008