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PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| CHARLES VANN | 12/16/2005 |
| DEBJYOTI BANERJEE | 11/08/2005 |
| TIMOTHY GEISER | 12/22/2015 |
| JAMES NURSE | 12/16/2005 |
| NIGEL BEARD | 12/15/2005 |

RECEIVING PARTY DATA

| Name: | APPLERA CORPORATION | |
|-----------------|--------------------------|--|
| Street Address: | 850 LINCOLN CENTRE DRIVE | |
| City: | FOSTER CITY | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 94404 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15614601 |

CORRESPONDENCE DATA

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|-------------------------|------------------|
| NAME OF SUBMITTER: | GRACIE SEGOVIA |
| SIGNATURE: | /Gracie Segovia/ |
| DATE SIGNED: | 09/18/2017 |
| | <u> </u> |

Total Attachments: 6

PATENT REEL: 043612 FRAME: 0282

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| source=AsFiled_5504C7D1_Assignment_Inventors2Applera_20170918#page6.tif |

PATENT REEL: 043612 FRAME: 0283

ASSIGNMENT

For good and valuable consideration paid to us, receipt of which is hereby acknowledged, we each:

Charles S. Vann, 154 Madrona Avenue, El Granada, CA 94018, Citizenship: US Debivoti Banerjee, 104 Hartford Drive, College Station, TX 77845, Citizenship: India Timothy G. Geiser, 525 Dorchester Road, San Mateo, CA 94402, Citizenship: US James C. Nurse, 4460 Entrada Drive, Pleasanton, CA 94566, Citizenship: US Nigel P. Beard, 3024 Whisperwave Circle, Redwood City, CA 94065, Citizenship: British Columbia

do hereby sell, assign, and set over unto

Applera Corporation

a Delaware corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California 94404 (hereinafter "Assignee"), its successors, legal representatives and assigns, each of our entire right, title, and interest in and to any and all of our inventions and discoveries entitled:

ELECTROWETTING DISPENSING DEVICES AND RELATED METHODS

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Serial Number ____11/213,355___ and filing date of __ 26, 2005 by the United States Patent and Trademark Office; in and to the right to file patent applications in the name of Assignee, its designee, in all of our names, or in any other name or names, on the aforesaid inventions and discoveries in any or all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified United States patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and under any other international arrangement to which the United States now is or hereafter becomes a signatory; in and to any and all applications for Letters Patent, and any and all Letters Patent that issue on any of the aforesaid applications, and in and to any and all divisions, continuations, and continuations-in-part of any and all of said applications, and any and all reissues, renewals and extensions of any of said Letters Patent, such that the same right, title and interest to be held and enjoyed by Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, shall be as full and complete as that that would have been held and enjoyed by us if this assignment and sale had not been made.

We further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with said invention, or said application for Letters Patent, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable to sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

We hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

-1-

PATENT REEL: 043612 FRAME: 0284

| Name of inventor: Charles S. Vann | |
|---|--|
| Inventor's signature Charles J. Van | Date: 12/16/05 |
| | |
| State of California)) ss. | |
| County of San Mateo) | |
| <u>Charles S. Vann</u> , personally known to me (or proved person whose name is subscribed to the within inst | Cheryl R. Gomez, Notary Public, personally appeared to me on the basis of satisfactory evidence) to be the trument and acknowledged to me that he executed the nature on the instrument the person, or the entity upon ment. |
| WITNESS my hand and official seal. | |
| CHERYL R. GOMEZ } | Cheryl R. Somer Notary Public |

-2-

| Name of inventor: Debjyoti Banerjee | , , |
|--|---|
| Inventor's signature | Date: 11/08/05 |
| | |
| State of TEXAS | |
| State of TEXAS County of BRAZES ss. | |
| evidence) to be the person whose name is subscribed he/she/they executed the same in his/her/their authority authori | Doris Wilson, personally with to me (or proved to me on the basis of satisfactory to the within instrument and acknowledged to me theorized capacity(ies), and that by his/her/their signature in behalf of which the person(s) acted, executed the |
| WITNESS my hand and official seal. | |
| DORIS WILSON MY COMMISSION EXPIRES Jackstry 31, 2008 | Notary Public |

| Name of inventor: Timothy G. Geiser | Λ |
|--|--|
| Inventor's signature | Date: Dec. 22, 200 |
| | |
| State of California)) ss. | |
| County of San Mateo) | la T. kasan |
| On December 22, 2005 before me, Cher | • |
| <u>Timothy Geiser</u> , personally known to me (or proved to n person whose name is subscribed to the within instrume same in his authorized capacity, and that by his signature behalf of which the person acted, executed the instrument | ent and acknowledged to me that he executed the e on the instrument the person, or the entity upon |
| WITNESS my hand and official seal. | |
| Mil.A T. KASAN Commission # 1505699 Notary Public - California San Maleo County My Comm. Expires Aug 3, 2008 | Mila T. Kapan Notary Public |

| Name of inventor: Jan | mes C. Nurse | α | | |
|---|--|---|--|---|
| Inventor's signature _ | Jony (| - lem | Date: | 12-16-05 |
| | | | | |
| State of California |) | | | |
| County of San Mateo |) ss.) | | | |
| James Nurse, persona person whose name is | ally known to me s subscribed to the d capacity, and tha | o before me, Cheryl R. G. (or proved to me on the within instrument and at by his signature on the ed the instrument. | e basis of satisfac acknowledged to | tory evidence) to be the me that he executed the |

WITNESS my hand and official seal.



Notary Public T. Somey

| Name of inventor: Nigel P. Beard | / / |
|--|---|
| Inventor's signature | Date: 12/15/2005 |
| State of California)) ss. | |
| County of San Mateo) | |
| On Deel mber 15, 2005 before me, Cheryl R Nigel Beard, personally known to me (or proved to me on a person whose name is subscribed to the within instrument and | the basis of satisfactory evidence) to be the |

same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon

WITNESS my hand and official seal.

behalf of which the person acted, executed the instrument.



Notary Public

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