

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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KARL F. BOHRINGER	12/05/2016
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DATE SIGNED:	02/03/2021
Total Attachments: 4	
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ASSIGNMENT

Case No.: 47593.01US1
Inventors: Hallie Holmes, Karl F. Böhringer
Serial No.: 62/281,879
Filing Date: 01/22/2016

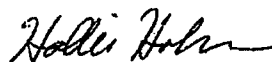
For sufficient, good, and valuable consideration, the receipt and sufficiency which are hereby acknowledged, Hallie Holmes and Karl F. Böhringer (hereafter the “undersigned”), hereby sell, assign, and transfer to the **University of Washington**, a public institution of higher education having a place of business at Seattle, Washington, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in

United States Provisional Patent Application No. 62/281,879, filed on January 22, 2016, entitled DROPLET GATES FOR CONTACT LINE DRIVEN MICROFLUIDICS, any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Dated this 23 day of November, 2016.



Hallie Holmes

Dated this 23 day of November, 2016.



Karl F. Böhringer

ASSIGNMENT

Case No.: 47639.01US1
Inventors: Hallie R. Holmes, Karl F. Böhringer
Serial No.: 62/302,948
Filing Date: 03/03/2016

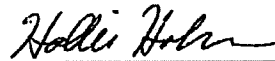
For sufficient, good, and valuable consideration, the receipt and sufficiency which are hereby acknowledged, Hallie R. Holmes and Karl F. Böhringer (hereafter the “undersigned”), hereby sell, assign, and transfer to the **University of Washington**, a public institution of higher education having a place of business at Seattle, Washington, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in

United States Provisional Patent Application No. 62/302,948, filed on March 3, 2016, entitled DEVICES FOR AUTOMATING DROPLET NAVIGATION ON ANISOTROPIC RATCHET CONVEYORS, any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Dated this 5 day of December, 2016.



Hallie R. Holmes

Dated this 5 day of December, 2016.



Karl F. Böhringer