

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mr. Michael R. Emmert-Buck	03/18/2009
Mr. Dan-Paul Hartmann	03/15/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Government of the United States of America/NIH
<b>Street Address:</b>	6011 Executive Boulevard, Suite 325
<b>Internal Address:</b>	Office of Technology Transfer
<b>City:</b>	Rockville
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20852-3084
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11277227
<b>CORRESPONDENCE DATA</b>	
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Address Line 2:	Kathleen McCruden
Address Line 4:	Baltimore, MARYLAND 21202
NAME OF SUBMITTER:	Kathleen G. McCruden

Total Attachments: 4  
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 source=Assignment (Matter 33) Hartmann#page1.tif

OP \$40.00 11277227

**500827737**

**PATENT  
 REEL: 022508 FRAME: 0191**



## ASSIGNMENT

WHEREAS, I, Michael R. Emmert-Buck, a citizen of the United States having a mailing address of 6273 Waterloo Drive, Easton, MD 21601-2823; (hereinafter collectively referred to as "ASSIGNOR"), am an inventor of the invention (the "Invention") set forth in the following:

United States Patent Application entitled "METHODS, DEVICES AND KITS FOR MULTIPLEX BLOTTING OF BIOLOGICAL SAMPLES FROM MULTI-WELL PLATES" filed on March 22, 2006 and assigned Serial No. 11/277,227; and to all patent applications and issued patents to which Application Serial No. 11/277,227 claims priority and to which I am listed as an inventor.

(hereinafter all such patent applications collectively referred to as the "Applications"); and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services, National Institutes of Health, having a place of business at Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to the invention and to any letters patent in regard to the Invention listed above or that may be granted therefor in all countries throughout the world;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) or equivalent and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNOR hereby sells, transfers, assigns, and sets over to the ASSIGNEE, and to its successors, assigns, and legal representatives, the entire right, title and interest in and to the Invention and the Applications, and any and all nonprovisional and/or international application claiming benefit from any of the Applications (and any patent issued from any patent applications claiming priority to the Applications), including divisions, continuations, continuations-in-part, substitutions, reissues, reexaminations, and extensions, for the entire world, including (without limitation) the United States and all foreign countries, and in and to all rights of priority resulting from the filing of the Applications, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringement of the Invention. The ASSIGNOR agrees to cooperate with the ASSIGNEE in obtaining and sustaining any or all such patent and patent application, but at the expense of the ASSIGNEE. The Commissioner of Patents is hereby authorized and requested to issue any and all patent solely, in accordance with this Assignment, to the ASSIGNEE, its successors, legal representatives and assigns as the ASSIGNEE of the entire rights, title and interest therein.

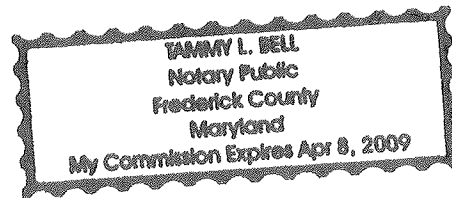
The ASSIGNOR further agrees to communicate to the ASSIGNEE or its representatives any facts known to the ASSIGNOR respecting the Invention, and at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, reexamination, and extension applications, execute all necessary assignment papers to cause any and all of said patents to be issued to the ASSIGNEE, make all rightful oaths and generally to do everything necessary or desirable to aid the ASSIGNEE, its successors and assign, to obtain and enforce proper protection for the Invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, the ASSIGNOR has executed this Assignment as an  
instrument under seal on the date written below.

Gaithersburg, MD; 3/18/09  
Place and Date

Michael R. Emmert-Buck  
Michael R. Emmert-Buck  
Assignor

1842172.v2



## ASSIGNMENT

WHEREAS, I, Dan-Paul Hartmann, a citizen of the United States having a mailing address of 10302 Rossmore Court, Bethesda, MD 20814; (hereinafter referred to as "ASSIGNOR"), am an inventor of the invention (the "Invention") set forth in the following:

United States Patent Application entitled "METHODS, DEVICES AND KITS FOR MULTIPLEX BLOTTING OF BIOLOGICAL SAMPLES FROM MULTI-WELL PLATES" filed on March 22, 2006 and assigned Serial No. 11/277,227; and to all patent applications and issued patents to which Application Serial No. 11/277,227 claims priority and to which I am listed as an inventor.

(hereinafter all such patent applications collectively referred to as the "Applications"); and

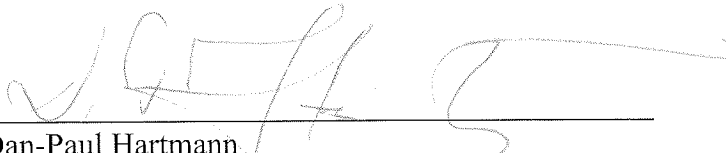
WHEREAS, 20/20 GeneSystems, Inc., having a place of business at 9430 Key West Avenue, Suite 100, Rockville, MD 20850, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to the invention and to any letters patent in regard to the Invention listed above or that may be granted therefor in all countries throughout the world;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) or equivalent and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNOR hereby sells, transfers, assigns, and sets over to the ASSIGNEE, and to its successors, assigns, and legal representatives, the entire right, title and interest in and to the Invention and the Applications, and any and all nonprovisional and/or international application claiming benefit from any of the Applications (and any patent issued from any patent applications claiming priority to the Applications), including divisions, continuations, continuations-in-part, substitutions, reissues, reexaminations, and extensions, for the entire world, including (without limitation) the United States and all foreign countries, and in and to all rights of priority resulting from the filing of the Applications, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringement of the Invention. The ASSIGNOR agrees to cooperate with the ASSIGNEE in obtaining and sustaining any or all such patent and patent application, but at the expense of the ASSIGNEE. The Commissioner of Patents is hereby authorized and requested to issue any and all patent solely, in accordance with this Assignment, to the ASSIGNEE, its successors, legal representatives and assigns as the ASSIGNEE of the entire rights, title and interest therein.

The ASSIGNOR further agrees to communicate to the ASSIGNEE or its representatives any facts known to the ASSIGNOR respecting the Invention, and at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, reexamination, and extension applications, execute all necessary assignment papers to cause any and all of said patents to be issued to the ASSIGNEE, make all rightful oaths and generally to do everything necessary or desirable to aid the ASSIGNEE, its successors and assign, to obtain and enforce proper protection for the Invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, the ASSIGNOR has executed this Assignment as an instrument under seal on the date written below.

Bethesda 3/15/09  
Place and Date

  
Dan-Paul Hartmann  
Assignor

1842171