

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
G. Valentin Borner	06/20/2011
Neeraj Joshi	06/20/2011
RECEIVING PARTY DATA	
Name:	Cleveland State University
Street Address:	2121 Euclid Avenue
Internal Address:	AC 327
City:	Cleveland
State/Country:	OHIO
Postal Code:	44115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13085051
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NAME OF SUBMITTER:	Mark E. Bandy
Total Attachments: 3 source=3313101Assignment#page1.tif source=3313101Assignment#page2.tif source=3313101Assignment#page3.tif	

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ASSIGNMENT

Whereas, new and useful improvements and inventions have been made by the undersigned in

HOMOLOGOUS PAIRING CAPTURE ASSAY AND RELATED
METHODS AND APPLICATIONS

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date indicated below in the appropriate space to the right of the signature of the undersigned, which application is further identified as U.S. Patent Application Serial No. 13/085,051, filed April 12, 2011 (Rankin Hill & Clark Docket No. CSU-33131.01).

Whereas, Cleveland State University, a corporation of the State of Ohio, having a principal place of business at 2121 Euclid Avenue, AC 327, Cleveland, Ohio 44115, hereinafter referred to as "assignee," is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

Now Therefore, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest in the United States, in, to, and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, and all right to sue for past infringement thereunder, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns any improvement, inventions, right, title, interest, application, patent, patent right, or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

STATE OF)
) ss.
COUNTY OF)

The above named Neeraj Joshi, known to me, appear before me this 20
day of June, 2011, and acknowledged that the foregoing instrument was
executed as his free act and deed for the uses and purposes therein set forth.

~~THELMA M. PARKER~~
NOTARY PUBLIC, STATE OF OHIO
Recorded in Cay. Cty.
My Comm. Exp. ~~6/22/2011~~ 6/8/2015

Thelma M. Parker
Notary Public

(Notarial Seal)