



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 08486536

Invention title/Inventor COMPOSITIONS FOR ENZYME CATALYZED TEMPLATE- INDEPENDENT CREATION OF PHOSPHODIESTER BONDS USING PROTECTED NUCLEOTIDES ANDREW C. HIATT, FLOYD ROSE	Patent 6232465 May 15, 2001	Publication	Application 08486536 Jun 7, 1995	PCT	International registration
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Assignments (4 total)

Assignment 4

Reel/frame 028923/0346	Execution date Feb 8, 2010	Date recorded Sep 7, 2012	Properties 1	Pages 2
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Conveyance
MERGER (SEE DOCUMENT FOR DETAILS).

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Assignment 3

Reel/frame 016182/0247	Execution date Apr 28, 2005	Date recorded Apr 29, 2005	Properties 5	Pages 6
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Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Columbia Exhibit 2038
Illumina, Inc. v. The Trustees of Columbia
University in the City of New York
IPR2018-00322

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Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
008551/0714	May 20, 1997	May 28, 1997	6	17

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
007574/0644	Jun 6, 1995	Jun 7, 1995	1	3

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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