FORM PTO-1595 (Modified) RĮ U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) 08-28-2001 Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyricht 1996-97 LegalStar P08A/REV02 Tab settings 🔶 🔶 🔶 101824654 thed original documents or copy thereof. To the Honorable Commissioner of 2 atents 1. Name of conveying party (ies) 2. Name and address of receiving party(ies): 8-21-6) **Richard A. Rubin** Name: Cellomics, Inc. Kenneth A. Giuliano Albert H. Gough Address: 635 William Pitt Way R. Terry Dunlay Bruce R. Conway Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger City: Pittsburgh State/Prov.: PA Security Agreement Change of Name Country: USA ZIP: 15238 Other \_\_\_\_\_ Execution Date: July 12, 1999 🛛 No Additional name(s) & address(es) 🛛 Yes 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) July 12, 1999 09/352,171 Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: David S. Harper 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 42,636 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: MCDONNELL, BOEHNEN, HULBERT & Authorized to be charged to deposit account BERGHOFF 300 South Wacker Drive, Suite #3200 8. Deposit account number: City: Chicago State/Prov.: IL 13-2490 Country: USA \_\_\_\_\_ ZIP: 60606 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. **David S. Harper** Name of Person Signing Date Signature Total number of pages including cover sheet, attachments, and PATENT

REEL: 012102 FRAME: 0670

Docket No.: 97,022-D1

### ASSIGNMENT

Case No.: 97,022-D1 Serial No.: 09/352,171 Inventors: Richard A. Rubin, Kenneth A. Giuliano, Albert H. Gough, R. Terry Dunlay, Bruce Conway Date of Execution of Application:

Filing Date: July 12, 1999

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

# Cellomics, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

# A SYSTEM FOR CELL BASED SCREENING

and identified as:

# Case No. 97,022-D1

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and 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 hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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.

WITNESS my hand and seal this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

Richard A. Rubin

State of

County of

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of

\_\_\_\_\_, \_\_\_\_\_ by

NOTARY PUBLIC

WITNESS my hand and seal this day of	
	Kenneth A. Giuliano
State of	
County of	
The foregoing instrument was acknowledged before me this day of	
, by	
	NOTARY PUBLIC
WITNESS my hand and seal this day of	
	Albert H. Gough
State of	
County of	
The foregoing instrument was acknowledged before me this day of	
by	
	NOTARY PUBLIC

R. Terry Dunlay

State of

County of

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of

\_\_\_\_\_, \_\_\_\_ by

NOTARY PUBLIC

WITNESS my hand and seal this 29 day of <u>June</u>, <u>Zuul</u>.

Bruce Conway

State of NEW JERSEY

County of SOMERSET

The foregoing instrument was acknowledged before me this  $29^{44}$  day of

JUNE, 2001 by

Jean Iton

NOTARY PUBLIC

DIANE F. LEON MOTARY FUBLIC OF 1258 (ERST Commission Backet 4/26/2014

### **ASSIGNMENT**

Serial No.: 09/352,171 Case No.: 97,022-D1 Inventors: Richard A. Rubin, Kenneth A. Giuliano, Albert H. Gough, R. Terry Dunlay, **Bruce Conway** Date of Execution of Application:

Filing Date: July 12, 1999

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

### Cellomics, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

# A SYSTEM FOR CELL BASED SCREENING

and identified as:

## Case No. 97,022-D1

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and 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 hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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.

WITNESS my hand and seal this 1/2 day of <u>lug</u>, 2001. <u>Without & Wali-</u> Richard A. Rubin

State of Pennsylvania

County of Allegheny

The foregoing instrument was acknowledged before me this 16<sup>th</sup> day of

Wilgust, 2001 by

NOTARY PUBLIC

NOTARIAL SEAL TERRI F. MIKOLAJCZYK, NOTARY PUBLIC CITY OF PITTSBURGH, ALLEGHENY COUNTY MY COMMISSION EXPIRES JULY 23, 2005

WITNESS my hand and seal this  $\frac{16}{16}$  day of  $\frac{1}{100}$ , 2001.

Kennth a. Sulliono

Kenneth A. Giuliano

State of Pennsylvania

County of Allegheny

The foregoing instrument was acknowledged before me this  $16^{44}$  day of  $\frac{16^{44}}{16^{44}}$  day of

**IOTARY PUBI** NOTARIAL SEAL TERRI F. MIKOLAJCZYK, NOTARY PUBLIC CITY OF PITTSBURGH, ALLEGHENY COUNTY MY COMMISSION EXPIRES JULY 23, 2005

WITNESS my hand and seal this 20day of August, 2001\_.

State of Pennsylvania

County of Allegheny

The foregoing instrument was acknowledged before me this  $\underline{abth}$  day of

august, 2001 by

NOTARY PUBLIC

NOTARIAL SEAL TERRI F. MIKOLAJCZYK, NOTARY PUBLIC CITY OF PITTSBURGH, ALLEGHENY COUNTY MY COMMISSION EXPIRES JULY 23, 2005

WITNESS my hand and seal this 16 day of Aubust, 2001.

PATENT REEL: 012102 FRAME: 0677

R. Terry Dunlay

State of Pennsylvania

County of Allegheny

The foregoing instrument was acknowledged before me this <u>164</u> day of

August, 2001 by

NOTARY PUBLIC

NOTARIAL SEAL TERRI F. MIKOLAJCZYK, NOTARY PUBLIC CITY OF PITTSBURGH, ALLEGHENY COUNTY MY COMMISSION EXPIRES JULY 23, 2005

WITNESS my hand and seal this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

Bruce Conway

State of

County of

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of

\_\_\_\_\_, \_\_\_\_ by

NOTARY PUBLIC