

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

THE UNIVERSITY OF CHICAGO and
BIO-RAD LABORATORIES, INC.

Plaintiffs,

v.

10X GENOMICS, INC.

Defendant.

Civ. A. No. 15-152-RGA

CLAIM CONSTRUCTION ORDER

1. The term “microfluidic system” (as used in the ’193, ’083, and ’407 patents) means a “system comprised of at least one substrate having a network of channels of micrometer dimension through which fluid may be transported.” A “microfluidic system” is not limited to or the equivalent of a “substrate.”

2. The term “reagent” (as used in the ’193 and ’407 patents) means a “component of a plug-fluid that undergoes or participates in at least one type of reaction to produce one or more reaction products or intermediates which may undergo a further reaction or series of reactions.” The location of reactions involving plug-fluids is not limited to the substrate.

3. The term “reaction” (as used in the ’193 and ’407 patents) means a “physical, chemical, biochemical or biological transformation.” The location of reactions is not limited to the substrate.

4. The term “providing conditions suitable for [the autocatalytic reaction/the reaction]” (as used in the ’193 and ’407 patents) means “providing a set of physical and chemical conditions that allow the [autocatalytic reaction/reaction] to occur.”

5. The entirety of the preambles of the '407 and '193 patents—"A method for conducting an autocatalytic reaction in plugs in a microfluidic system"/"A method for conducting a reaction in plugs in a microfluidic system"—are not limiting. The terms "reaction" and "microfluidic systems" are limiting and have the meanings set forth above.

6. The term "non-fluorinated microchannel" (as used in the '083 patent) means a "microchannel that is not composed of a material that includes fluorine atoms or that is treated to include fluorine atoms at its surface (excluding the possible inclusion of impurities or contaminants)."

7. The term "biological molecule" (as used in the '407 patent) refers to "molecules such as proteins, DNA, RNA, carbohydrates, and sugars." A biological molecule need not be naturally occurring.

8. The term "autocatalytic reaction" (as used in the '193 patent) means "a reaction in which a product of the reaction is also a reagent for the same reaction."

9. The term "fluorinated oil" (as used in the '193, '083, and '407 patents) means "an oil that includes one or more fluorine atoms."

10. The term "fluorinated surfactant" (as used in the '193 and '083 patents) means "an agent that reduces the surface tension between two liquids or a liquid and a solid, which includes one or more fluorine atoms."

11. The term "fluorosurfactant" (as used in the '407 patent) means "an agent that reduces the surface tension between two liquids or a liquid and a solid, which includes one or more fluorine atoms."

12. The term “plug” (as used in the ’193, ’083, and ’407 patents) means “a volume of liquid formed in a substrate when a stream of at least one plug-fluid is introduced into the flow of a carrier-fluid in which it is substantially immiscible.”

13. The term “surfactant” (as used in the ’193, ’083, and ’407 patents) means “an agent that reduces the surface tension between two liquids or a liquid and a solid.”

SO ORDERED this 13 day of November, 2018.


UNITED STATES DISTRICT JUDGE