

IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

C.A. No. 19-1681-CFC

# The Trustees of Columbia University in the City of New York and QIAGEN Sciences, LLC

V.

Illumina, Inc.

**Plaintiffs' Claim Construction Presentation** 

September 2, 2020

**Illumina Ex. 1162** Illumina v. Columbia IPR2020-01177

Composition Patents-in-Suit	Nucleotide base	Amended Complaint	Cite
U.S. Patent No. 10,407,458 ("'458 Patent")	G	Count I	JA0001-21 (excerpts) D.I. 36-1
U.S. Patent No. 10,407,459 ("'459 Patent")	A	Count II	D.I. 36-2
U.S. Patent No. 10,435,742 ("'742 Patent")	т	Count IV	D.I. 36-3
U.S. Patent No. 10,457,984 ("'984 Patent")	С	Count V	D.I. 36-4

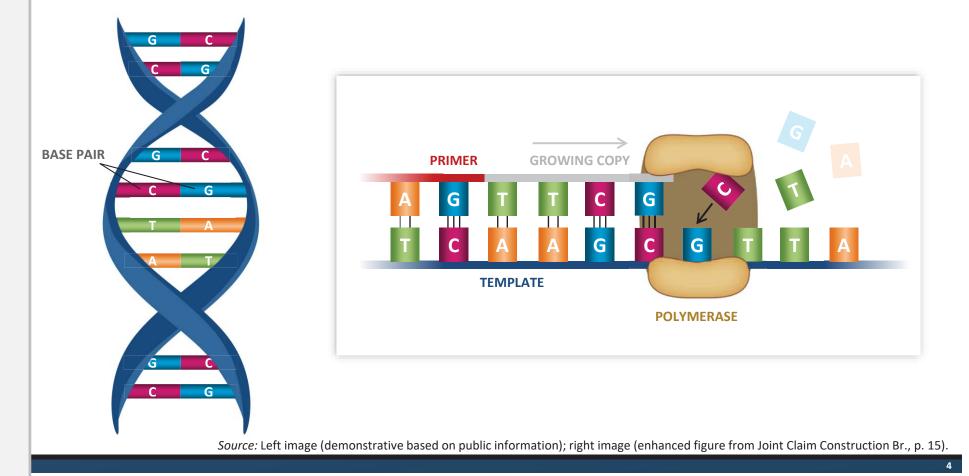
Method Patent-in-Suit	Amended Complaint	Cite
U.S. Patent No. 10,428,380 ("'380 Patent")	Count III	JA0022-27 (excerpts) D.I. 36-5

2



## **Technology Background**

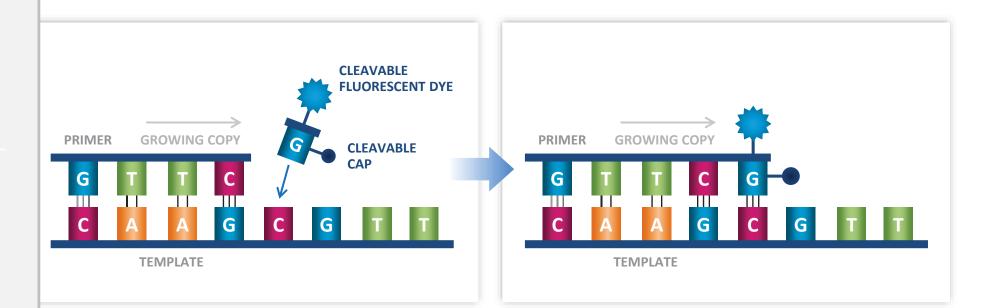
### **Double Stranded DNA, Made From Nucleotides**



Þ١

λ





Source: Demonstrative based on description of SBS in Joint Claim Construction Br., pp. 10-11, 16.

5

### DOCKET A L A R M



## Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

#### **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

#### **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

#### **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

#### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

#### E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.