

Case IPR2024-01419
U.S. Patent No. 11,840,730

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ILLUMINA INC.,
Petitioner

v.

MOLECULAR LOOP BIOSCIENCES, INC.,
Patent Owner

Case IPR2024-01419

U.S. Patent No. 11,840,730

PATENT OWNER'S UPDATED TABLE OF EXHIBITS

Mail Stop Patent Board
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT OWNER’S EXHIBIT LIST

Tab	Description
2001	Declaration of Michael Wueste in Support of Motion for Admission <i>Pro Hac Vice</i>
2002	Declaration of Kevin Goon in Support of Motion for Admission <i>Pro Hac Vice</i>
2003	D. Endy, <i>Reconstruction of the Genomes</i> , SCIENCE (Feb. 28, 2009)
2004	July 17, 2025 Declaration of Gregory Porreca, Ph.D.
2005	July 18, 2025 Declaration of Patrick Waller, Ph.D., J.D.
2006	March 6, 2009 Draft Provisional Application
2007	March 6, 2009 Draft Provisional Application Figure 1
2008	March 6, 2009 Draft Provisional Application Figure 2
2009	Metadata Associated with March 6, 2009 Draft Provisional Application
2010	Metadata Associated with March 6, 2009 Draft Provisional Application Figure 1
2011	Metadata Associated with March 6, 2009 Draft Provisional Application Figure 2
2012	April 24, 2009 Email Thread between Gregory Porreca, Patrick Waller, and Daniel Young
2013	April 30, 2009 Email Thread between Gregory Porreca, Patrick Waller, and Eric Boutin
2014	May 6, 2009 Email Thread between Gregory Porreca, Patrick Waller, and Daniel Young
2015	May 14, 2009 Email Thread between Gregory Porreca, Patrick Waller, and Daniel Young
2016	May 15, 2009 Email Thread between Gregory Porreca, Patrick Waller, and Daniel Young
2017	<i>Invitae Acquiring Good Start Genetics and CombiMatrix, Adding Comprehensive Reproductive Health Capabilities to Serve Every Stage of Life</i> , INVITAE (Jul. 31, 2017)
2018	J.D. Keasling et al., <i>Production of the antimalarial drug precursor artemisinic acid in engineered yeast</i> , NATURE (Apr. 13, 2006) (“Keasling 2006”)
2019	J.D. Keasling, <i>Synthetic Biology for Synthetic Chemistry</i> , ACS CHEMICAL BIOLOGY (Jan. 18, 2008) (“Keasling 2008”)
2020	C.A. Hutchison, R.Y. Chuang, J.C. Venter (Mar. 16, 2016) (“Hutchison”)

Tab	Description
2021	March 6, 2009 Email Thread between Gregory Porreca, Patrick Waller, Daniel Young, and Eric Boutin
2022	M.P. Weiner, S.B. Gabriel, and J.C. Stephens, <i>Genetic Variation: A Laboratory Manual</i> , COLD SPRING HARBOR LABORATORY PRESS (2007) (excerpted)
2023	July 18, 2025 Declaration of Joseph Puglisi, Ph.D.
2024	July 9, 2025 Deposition Transcript of Stacey Gabriel, Ph.D.
2025	November 6, 2025 Deposition Transcript of Stacey Gabriel, Ph.D.
2026	Signed Diagram 1 Introduced as Exhibit 2026 During the November 6, 2025 Deposition of Stacey Gabriel, Ph.D.
2027	Signed Diagram 2 Introduced as Exhibit 2027 During the November 6, 2025 Deposition of Stacey Gabriel, Ph.D.
2028	Patent Owner's Demonstratives

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Dated: January 27, 2026

Respectfully submitted,

/Brian D. Matty/

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on January 27, 2026, a complete copy of the foregoing and corresponding exhibit were served on counsel of record for Petitioner by filing this document through P-TACTS and by sending this document via electronic mail to the following addresses:

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