

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PARSE BIOSCIENCES, INC.,
Petitioner

v.

10X GENOMICS, INC.,
Patent Owner

Case IPR2023-00876
Patent 10,155,981

DECLARATION OF SAYEM OSMAN

I, Sayem Osman, make the following Declaration pursuant to 28 U.S.C. § 1746:

1. I am a paralegal at the law firm of Groombridge, Wu, Baughman & Stone LLP.

2. I provide this Declaration in connection with the above-identified Patent Owner's Response to the *Inter Partes* Review proceeding that is being requested at the U.S. Patent and Trademark Office by Petitioner under 35 U.S.C. §§ 311-319, 37 C.F.R. § 42. Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.

3. EX2011 hereto is a true and correct copy of *Parse Biosciences, Inc. v. 10x Genomics Inc.*, IPR2023-00958, EX1002 (May 25, 2023) (Declaration of Gregory Cooper, Ph.D.) which I retrieved on January 3, 2024 from the United States Patent and Trademark Office's Patent Trial and Appeal Case Tracking System (P-TACTS) website (https://ptacts.uspto.gov/ptacts/public-informations/petitions/1554079/download-documents?artifactId=gQJXZPn2uQUXGaGs6n_pJqlQQ7gKHuOxW6jcP2lWHw-08bYSNn_Vkvw). An exhibit label and page numbers have been added to the bottom of all pages of EX2011 but no other alterations have been made.

4. EX2012 hereto is a true and correct copy of *Parse Biosciences, Inc. v. 10x Genomics Inc.*, IPR2023-00958, EX1054 (May 25, 2023) (Georgi K. Marinov et al., *From single-cell to cell-pool transcriptomes: Stochastically in gene expression and*

RNA splicing, 24.3 Genome Research 496-510 (2014) (“Marinov”)), which I retrieved on January 3, 2024 from the United States Patent and Trademark Office’s Patent Trial and Appeal Case Tracking System (P-TACTS) website

https://ptacts.uspto.gov/ptacts/public-informations/petitions/1554079/download-documents?artifactId=WOesjxAwHXPe61j4EQ3IqYF40m_marpw65BbMBboArFBR7xWJemi8Ok. An exhibit label and page numbers have been added to the bottom of all pages of EX2012 but no other alterations have been made.

5. EX2014 hereto is a true and correct excerpt of Bruce Alberts, et al., *Molecular Biology of the Cell*, Garland Science (4th ed. 2002), which I retrieved on January 4, 2024 from <https://www.zuj.edu.jo/download/alberts-molecular-biology-of-the-cell-4th-ed-pdf/>. An exhibit label and page numbers have been added to the bottom of all pages of EX2014 but no other alterations have been made.

6. EX2016 hereto is a true and correct copy of Allison Piovesan *et al.*’s article titled “*On the length, weight, and GT content of the human genome*,” BMC Res. Notes 12:106 (2019), which I retrieved on January 3, 2024 from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6391780/#:~:text=Considering%20a%20mean%20weight%20in,units%2Fcarat.htm>. An exhibit label and page numbers have been added to the bottom of all pages of EX2016 but no other alterations have been made.

7. EX2017 hereto is a true and correct copy of Tushar Chauhan's article titled "*T4 DNA Ligase: Introduction, Functions, Applications, and Protocol*" (Nov. 10, 2023), which I retrieved on January 4, 2024 from <https://geneticeducation.co.in/t4-dna-ligase/>. An exhibit label and page numbers have been added to the bottom of all pages of EX2017 but no other alterations have been made.
8. EX2018 hereto is a true and correct copy of the deposition transcript of Dr. Gregory Cooper, Ph.D., taken on December 20, 2023. An exhibit label and page numbers have been added to the bottom of all pages of EX2018 but no other alterations have been made.
9. EX2019 hereto is a true and correct copy of Honghua Li, et al.'s article titled "*Amplification and analysis of DNA sequences in single human sperm and diploid cells*," Nature 335(6189):414-417 (1998) as I received it. I understand that this article was purchased from and downloaded <https://www.nature.com/articles/335414a0?platform=hootsuite>. An exhibit label and page numbers have been added to the bottom of all pages of EX2019 but no other alterations have been made.
10. I have been warned that willful false statements and the like are punishable by fine or imprisonment, or both. I make this declaration of my own personal knowledge, and all statements are true. If called to testify as to the truth of the matters stated herein, I could and would testify competently.

11. I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 5th day of January, 2024, at Washington, D.C.

A handwritten signature in blue ink, appearing to read "Sayem Osman", is written over a horizontal line.

Sayem Osman