UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INTEGRATED DNA TECHNOLOGIES, INC.,
Petitioner,

v.

TECAN GENOMICS, INC.,
Patent Owner.

Case IPR2025-00016

U.S. Patent No. 10,876,108

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit	Short Name	Document
Ex. 1001	’012 patent	U.S Patent No. 10,036,012
Ex. 1002	’108 patent	U.S. Patent No. 10,876,108
Ex. 1003		Reserved
Ex. 1004		Reserved
Ex. 1005		Reserved
Ex. 1006	Meyer	Meyer et al., *Sequencing and de novo analysis of a coral larval transcriptome using 454 GSFix*, BMC GENOMICS 10:219 (2009)
Ex. 1007	Siebert	Siebert et al., *An improved PCR method for walking in uncloned genomic DNA*, NUCLEIC ACIDS RES. 23(6) 1087–1088 (1995)
Ex. 1008	Caruccio	Caruccio, *Preparation of Next-Generation Sequencing Libraries using Nextera™ Technology: Simultaneous DNA Fragmentation and Adaptor Tagging by In Vitro Transposition*, HIGH-THROUGHPUT NEXT GENERATION SEQUENCING: METHODS AND APPLICATIONS, METHODS IN MOLECULAR BIOLOGY, Ch. 17 (2011)
Ex. 1009	Bronner	Bronner et al., *Improved Protocols for Illumina Sequencing*, CURR PROTOC HUM GENET. (2009)
Ex. 1010	Kelley	Kelley and Dobler, *Comparative analysis of microbial diversity in* Longitarsus *flea beetles (Coleoptera: Chrysomelidae)*, GENETICA 139:541–550 (2011)

Exhibit	Short Name	Document
Ex. 1011	Iafrate	U.S. Patent Application Publication No. 2013/0303461
Ex. 1012		Reserved
Ex. 1013		Reserved
Ex. 1014	Masoudi-Nejad	Masoudi-Nejad et al., *Next Generation Sequencing and Sequence Assembly Methodologies and Algorithms* (2013)
Ex. 1015	Zheng	Zheng et al., *Anchored multiplex PCR for targeted next-generation sequencing*, NATURE MEDICINE (2014)
Ex. 1016		File History for U.S. Patent No. 10,036,012
Ex. 1017		File History for U.S. Patent No. 10,876,108
Ex. 1018		Reserved
Ex. 1019		Reserved
Ex. 1020		Reserved
Ex. 1021		Reserved
Ex. 1022		Reserved
Ex. 1023		Reserved
Ex. 1024		Reserved
Ex. 1025		Reserved
Ex. 1026		Reserved
Ex. 1027		Reserved
Ex. 1028		Reserved

Exhibit	Short Name	Document
Ex. 1029		Reserved
Ex. 1030		Reserved
Ex. 1031		Reserved
Ex. 1032		Reserved
Ex. 1033		Reserved
Ex. 1034		SMART™ PCR cDNA Synthesis Kit User Manual (May 15, 2007)
Ex. 1035		Non-Final Rejection, U.S. Patent Application 13/750,768 (July 15, 2015)
Ex. 1036	Rabinowitz 2011	U.S. Patent Application Publication No. 2011/0288780
Ex. 1037	Rabinowitz 2012	U.S. Patent Application Publication No. 2012/0270212
Ex. 1038	Borodina	Borodina et al., *A Strand-Specific Library Preparation Protocol for RNA Sequencing*, METHODS IN ENZYMOLOGY, Ch.5 79–98 (2011)
Ex. 1039	Jones 2003	U.S. Patent Application Publication No. 2003/0232348
Ex. 1040	Jones 2005	U.S. Patent Application Publication No. 2005/0142577
Ex. 1041	Kurn	U.S. Patent Application Publication No. 2011/0224105
Ex. 1042		Non-Final Rejection, U.S. Patent Application 13/750,768 (Feb. 5, 2014)

Exhibit	Short Name	Document
Ex. 1043		Final Rejection, U.S. Patent Application 13/750,768 (Sept. 25, 2014)
Ex. 1044		Final Rejection, U.S. Patent Application 13/750,768 (Oct. 30, 2015)
Ex. 1045		Non-Final Rejection, U.S. Patent Application 13/750,768 (June 2, 2016)
Ex. 1046		Non-Final Rejection, U.S. Patent Application 15/471,785 (Aug. 18,2017)
Ex. 1047		Non-Final Rejection, U.S. Patent Application 16/017,340 (Apr. 30, 2020)
Ex. 1048		U.S. Provisional Patent Application 61/645,364
Ex. 1049		U.S. Provisional Patent Application 61/679,302
Ex. 1050	Moorthie	Moorthie et al., *Review of massively parallel DNA sequencing technologies*, HUGO JOURNAL 5:1–12 (2011)
Ex. 1051	Tonooka	Tonooka and Fujishima, *Comparison and critical evaluation of PCR-mediated methods to walk along the sequence of genomic DNA*, APPL. MICROBIOL. BIOTECHNOL. 85:37–43 (2009)
Ex. 1052	Leoni	Leoni et al., *Genome walking in eukaryotes*, FEBS JOURNAL 3953–3977 (2011)
Ex. 1053		Reserved
Ex. 1054		Reserved

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Ex. 1055	Kircher	Kircher et al., *Double indexing overcomes inaccuracies in multiplex sequencing on the Illumina platform*, NUCLEIC ACIDS RESEARCH 40:1 (2012)
Ex. 1056		Reserved
Ex. 1057		Reserved
Ex. 1058	Troutt	Troutt et al., *Ligation-anchored PCR: A simple amplification technique with single-sided specificity*, PNAS, USA 9823–9825 (1992)
Ex. 1059		Reserved
Ex. 1060	Meyer & Kircher	Meyer and Kircher, *Illumina Sequencing Library Preparation for Highly Multiplexed Target Capture and Sequencing*, COLD SPRING HARBOR PROTOCOLS (2010)
Ex. 1061	Kircher Thesis	Kircher Thesis, *Understanding and improving high-throughput sequencing data production and analysis*, LEIPZIG UNIVERSITY, Germany (2011)
Ex. 1062	Smith Thesis	Smith Thesis, *Low-Level Variant Detection in Human Mitochondrial DNA Using The Illumina® MiSeq™ Next-Generation Sequencing (NGS) Platform*, WESTERN CAROLINA UNIVERSITY (2013)
Ex. 1063		Reserved
Ex. 1064		Reserved
Ex. 1065	Pray	Pray, *Major Molecular Events of DNA Replication*, NATURE EDUCATION (2008)

Exhibit	Short Name	Document
Ex. 1066	Mackenzie	Mackenzie, *DNA vs. RNA – 5 Key Differences and Comparison*, TECHNOLOGY NETWORKS (2020)
Ex. 1067	Clancy	Clancy and Brown, *Translation: DNA to mRNA to Protein*, NATURE EDUCATION (2008)
Ex. 1068	Gauthier Thesis	Gauthier Thesis, *Simulation of polymer translocation through small channels*, UNIVERSITY OF OTTAWA, Canada (2008)
Ex. 1069	Lohman	Lohman et al., *DNA Ligases*, CURRENT PROTOCOLS IN MOLECULAR BIOLOGY 3.14.1-3.14.7 (2011)
Ex. 1070	Margulies	Margulies et al., *Genome sequencing in microfabricated high-density picolitre reactors*, NATURE 376–380 (2005)
Ex. 1071		DNA Sequencing Costs: Data, https://www.genome.gov/about-genomics/fact-sheets/DNA-Sequencing-Costs-Data
Ex. 1072	Craig	Craig et al., *Identification of Genetic Variants Using Barcoded Multiplexed Sequencing*, NAT. METHODS 5(10) 887–893 (2008)
Ex. 1073	Parameswaran	Parameswaran et al., *A pyrosequencing-tailored nucleotide barcode design unveils opportunities for large-scale sample multiplexing*, NUCLEIC ACIDS RESEARCH 35:19 (2007)
Ex. 1074		Reserved
Ex. 1075		Reserved

Exhibit	Short Name	Document
Ex. 1076		Reserved
Ex. 1077		Reserved
Ex. 1078		Reserved
Ex. 1079		Reserved
Ex. 1080	Colgan	Colgan and Manley, *Mechanism and regulation of mRNA polyadenylation*, GENES & DEVELOPMENT 2755-2766 (1997)
Ex. 1081	Bentley	Bentley et al., *Accurate whole human genome sequencing using reversible terminator chemistry*, NATURE 456:6 (2008)
Ex. 1082	Rothberg	Rothberg et al., *An integrated semiconductor device enabling non-optical genome sequencing*, NATURE 348-352 (2011)
Ex. 1083	Myers	Myers and Rothberg, *Semiconductor Sequencing for Life*, JOURNAL OF BIOMOLECULAR TECHNIQUES 22: Supplement (2011)
Ex. 1084	Faircloth	Faircloth and Glen, *Not All Sequence Tags Are Created Equal: Designing and Validating Sequence Identification Tags Robust to Indels*, PLOS ONE 7(8) (2012)
Ex. 1085	Sims Declaration	Declaration of Peter A. Sims – '012 and '108
Ex. 1086		Anna Searle declaration in support of motion for pro hac vice admission
Ex. 1087		Patrick Hynds declaration in support of motion for pro hac vice admission

Exhibit	Short Name	Document
Ex. 1088		Kevin Hoagland-Hanson declaration in support of notice of intent to designate
Ex. 1089		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1090		Executed consulting agreement between Dr. Matz and Petitioner's counsel
Ex. 1091		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1092		Meeting invite from Petitioner's counsel to Dr. Matz
Ex. 1093		Petitioner's counsel's notes of videoconference between Dr. Matz and Petitioner's counsel
Ex. 1094		Petitioner's counsel's notes of videoconference between Dr. Matz and Petitioner's counsel
Ex. 1095		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1096		Email from Dr. Matz to Petitioner's counsel
Ex. 1097		Email from Dr. Matz to Petitioner's counsel
Ex. 1098		Email from Dr. Matz to Petitioner's counsel
Ex. 1099		Email thread between Dr. Matz and Petitioner's counsel and Dr. Matz's attached invoice
Ex. 1100		Petitioner's counsel's remittance for Dr. Matz's invoice

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Ex. 1101		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1102		Petitioner's initial invalidity contentions filed in *Tecan Genomics, Inc. v. Integrated DNA Technologies, Inc.*, C.A. No. 23-1114-GBW (D. Del.)
Ex. 1103		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1104		Meeting invite from Petitioner's counsel to Dr. Matz
Ex. 1105		Petitioner's counsel's notes of videoconference between Dr. Matz and Petitioner's counsel
Ex. 1106		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1107		Email thread between Dr. Matz and Petitioner's counsel
Ex. 1108		Email thread between Petitioner's counsel and Patent Owner's counsel
Ex. 1109		Petitioner's timeline of communications with Dr. Mikhail Matz
Ex. 1110		Email thread between Petitioner's counsel and Patent Owner's counsel
Ex. 1111		2025.05.23 Tecan – Expert Engagement Letter – Matz signed_Redacted

Dated: August 6, 2025

Respectfully submitted,

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CERTIFICATE OF SERVICE

The undersigned certifies pursuant to 37 C.F.R. § 42.6(e)(1), a copy of the foregoing Petitioner Integrated DNA Technologies, Inc.'s Updated Exhibit List was served via electronic mail on the following lead and back-up counsel of record for Patent Owner.

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