

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

NOKIA OF AMERICA CORPORATION *et al.*,

Petitioners

v.

IARNACH TECHNOLOGIES LIMITED,

Patent Owner

Case: IPR2024-00900

U.S. Patent No. 8,934,359

PETITIONER'S EXHIBIT 1037 SUBMISSION

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Patent Trial and Appeal Board
US Patent and Trademark Office
PO Box 1450
Alexandria, Virginia 22313-1450

LIST OF EXHIBITS

Exhibit	Short Name	Description
Ex. 1001	'359 Patent	U.S. Patent No. 8,934,359
Ex. 1002	'359 FH	File History of U.S. Patent No. 8,934,359
Ex. 1003	Sergienko Dec.	Declaration of Dr. Alexander V. Sergienko
Ex. 1004	Sergienko CV	<i>Curriculum Vitae</i> of Dr. Alexander V. Sergienko
Ex. 1005	G.984.3	ITU-T Recommendation G.984.3, Gigabit-capable Passive Optical Networks (G-PON): Transmission convergence layer specification (Mar. 2008)
Ex. 1006	Lee	U.S. Patent App. Pub. No. 2005/0149822
Ex. 1007	Liu	U.S. Patent No. 6,005,694
Ex. 1008	Ramaswami	Rajiv Ramaswami & Kumar Sivarajan, <i>Optical Networks, A Practical Perspective</i> (2d ed. 2002)
Ex. 1009	Kramer	Glen Kramer & Gerry Pesavento, <i>Ethernet Passive Optical Network (EPON): Building a Next-Generation Optical Access Network</i> , IEEE Communications Magazine (February 2002)
Ex. 1010	Inf. Cont. Cover Pleading	Iarnach's Disclosure of Asserted Claims and Preliminary Infringement Contentions in <i>Iarnach Technologies Ltd. v. AT&T Inc., et al.</i> , 2:23-cv-231-JRG (E.D. Tex.)
Ex. 1011	'359 Patent Inf. Cont.	Iarnach's Infringement Contentions for the '359 Patent in <i>Iarnach Technologies Ltd. v. AT&T Inc., et al.</i> , 2:23-cv-231-JRG (E.D. Tex.)

Exhibit	Short Name	Description
Ex. 1012	Wijngaarden '381	U.S Patent App. Pub. No. 2010/0316381
Ex. 1013	Krimmel	U.S Patent App. Pub. No. 2006/0222362
Ex. 1014	Khermosh	U.S Patent App. Pub. No. 2008/0260378
Ex. 1015	Kanno	U.S Patent App. Pub. No. 2010/0021158
Ex. 1016	Wijngaarden '380	U.S Patent App. Pub. No. 2010/0316380
Ex. 1017	Hood	U.S. Patent No. 8,548,328
Ex. 1018	Effenberger II	Frank J. Effenberger, <i>et al.</i> , “Next-Generation PON—Part II: Candidate Systems for Next-Generation PON,” IEEE Comms. Mag., Vol. 47, Issue 11 (Nov. 3, 3009)
Ex. 1019	Effenberger III	Frank J. Effenberger, <i>et al.</i> , “Next-Generation PON—Part III: Candidate Systems for Next-Generation PON,” IEEE Comms. Mag., Vol. 47, Issue 11 (Nov. 3, 3009)
Ex. 1020	Chung	Hae Isni Chung & Young-Jin Kwon, Implementation of a High Speed GEM Frame Synchronization Circuit in the G-PON TC Sublayer Payload,” J. Korean Inst. of Comms. & Info. Sci., Vol. 34, Issue 5B (May 31, 2009)
Ex. 1021	Mohammadani	Khalid Mohammandani, <i>et al.</i> , “Highest Cost First-Based QoS Mapping Scheme for Fiber Wireless Architecture,” Photonics, Volume 7, Issue 4 (Nov. 22, 2020)

Exhibit	Short Name	Description
Ex. 1022	AT&T Case— DCO	Doc. No. 50, Docket Control Order, <i>Iarnach Technologies Ltd. v. AT&T Corp. et al.</i> , No. 2:23-cv-00231 (E.D. Tex.)
Ex. 1023	AT&T Case— Intervenor	Doc. No. 31, Order Granting Nokia’s Motion to Intervene, <i>Iarnach Technologies Ltd. v. AT&T Corp. et al.</i> , No. 2:23-cv-00231 (E.D. Tex.)
Ex. 1024	Caseload	U.S. District Courts – Judicial Caseload Profile (Dec. 2023)
Ex. 1025	Verizon Case— DCO	Doc. No. 45, Agreed Docket Control Order, <i>Iarnach Technologies Ltd. v. Verizon Communications, Inc. et al.</i> , No. 2:23-cv-00631 (E.D. Tex)
Ex. 1026	EPON v. GPON	<i>What is the Difference Between EPON and GPON?</i> , HITRON, https://us.hitrontech.com/learn/what-is-the-difference-between-epon-and-gpon/ (last accessed Apr. 21, 2024)
Ex. 1027	G.984.2	ITU-T Recommendation G.984.2, Gigabit-capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) layer specification (March 2003)
Ex. 1028	Hall-Ellis Dec.	Declaration of Dr. Sylvia D. Hall-Ellis
Ex. 1029	Hall-Ellis CV	<i>Curriculum Vitae</i> of Dr. Sylvia D. Hall-Ellis
Ex. 1030	Attachment 1A	Hall-Ellis Declaration Attachment 1A
Ex. 1031	Attachment 1B	Hall-Ellis Declaration Attachment 1B
Ex. 1032	Attachment 1C	Hall-Ellis Declaration Attachment 1C
Ex. 1033	Attachment 1D	Hall-Ellis Declaration Attachment 1D

Exhibit	Short Name	Description
Ex. 1034	G.9807.1	ITU-T Recommendation G.9807.1, 10-Gigabit-capable symmetric passive optical network (XGS-PON) (June 2016)
Ex. 1035	AT&T Complaint	Doc. No. 1, Complaint, <i>Iarnach Technologies Ltd. v. AT&T Corp. et al.</i> , No. 2:23-cv-00231 (E.D. Tex.)
Ex. 1036	Verizon Complaint	Doc. No. 1, Complaint, <i>Iarnach Technologies Ltd. v. Verizon Communications, Inc. et al.</i> , No. 2:23-cv-00631 (E.D. Tex)
Ex. 1037	'359 Dismissal	Doc. No. 155, Order Dismissing U.S. Patent No. 8,934,359, <i>Iarnach Technologies Ltd. v. AT&T Corp. et al.</i> , No. 2:23-cv-00231 (E.D. Tex.)

Pursuant to the Board's October 15, 2024 email, which granted Petitioner permission to file the Order dismissing U.S. Patent No. 8,934,359 ("’359 Dismissal") in *Iarnach Technologies Ltd. v. AT&T Corp. et al.*, No. 2:23-cv-00231 (E.D. Tex.) as an exhibit, Petitioner hereby submits the ’359 Dismissal as Exhibit 1037.

Date: October 15, 2024

By: / Christopher TL Douglas /
Christopher TL Douglas
Reg. No. 56,950

CERTIFICATE OF SERVICE

The undersigned certifies that Petitioner served a copy of the foregoing PETITIONER’S EXHBIT 1037 SUBMISSION and Exhibit 1037 by filing this document through the PTAB’s E2E Filing System as well as sending a copy via electronic service (as agreed by counsel for Patent Owners) on the following:

Lead Counsel	Back-Up Counsel
Michael F. Heim (Reg. No. 32,702) HEIM PAYNE & CHORUSH, LLP 609 Main Street, Suite 3200 Houston, TX 77002 Tel: (713) 221–2000 Fax: (713) 221–2021 mheim@hpcllp.com	Blaine A. Larson (Reg. No. 69,132) blarson@hpcllp.com R. Allan Bullwinkel (Reg. No. 77,630) abullwinkel@hpcllp.com Christopher L. Limbacher (Reg. No. 76,551) climbacher@hpcllp.com HEIM PAYNE & CHORUSH, LLP 609 Main Street, Suite 3200 Houston, TX 77002 Tel: (713) 221–2000 Fax: (713) 221–2021 Michael McBride (pro hac vice to be filed) ALAVI & ANAIPAKOS PLLC 609 Main Street, Suite 3200 Houston, Texas 77002 Tel: (713) 751–2362 Fax: (713) 751–2341 mmcbride@aatriallaw.com IPR2024-00900@aatriallaw.com

Date: October 15, 2024

By: / Christopher TL Douglas /

Christopher TL Douglas

Reg. No. 56,950

ALSTON & BIRD LLP

Vantage South End

1120 S. Tryon Street, Suite 300

Charlotte, NC 28203

Phone: 704.444.1119

Fax: 704.444.1799

Email:christopher.douglas@alston.com