| | | Page 1 |
|----|---|--------|
| 1 | UNITED STATES PATENT AND TRADEMARK OFFICE | |
| 2 | BEFORE THE PATENT TRIAL AND APPEAL BOARD | |
| 3 | INTEL CORPORATION,) Case No. | |
| |) IPR2019-00047 | |
| 4 | Petitioner,) IPR2019-00048 | |
| |) IPR2019-00049 | |
| 5 | vs.) IPR2019-00128 | |
| |) IPR2019-00129 | |
| 6 | QUALCOMM INCORPORATED,) | |
| |) U.S. Patent No. | |
| 7 | Patent Owner.) 9,154,356 | |
| 8 | | |
| 9 | | |
| 10 | DEPOSITION OF PATRICK FAY, PH.D. | |
| 11 | South Bend, Indiana | |
| 12 | Wednesday, August 7, 2019 | |
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| 22 | | |
| 23 | Reported by: | |
| 24 | RACHEL F. GARD, CSR, RPR, CLR, CRR | |
| 25 | JOB NO. 165197 | |
| | | |

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| | | Page | 2 |
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| 1 | P. FAY, PH.D. | | |
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| 3 | | | |
| 4 | August 7, 2019 | | |
| 5 | 9:30 a.m. | | |
| 6 | | | |
| 7 | Deposition of PATRICK FAY, PH.D., at | | |
| 8 | Morris Inn, 1399 North Notre Dame Avenue, | | |
| 9 | South Bend, Indiana, pursuant to notice before | | |
| 10 | Rachel F. Gard, Illinois Certified Shorthand | | |
| 11 | Reporter, Registered Professional Reporter, | | |
| 12 | Certified LiveNote Reporter, Certified Realtime | | |
| 13 | Reporter, Indiana Notary Public. | | |
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| | | Page 3 |
|----|------------------------------|--------|
| 1 | P. FAY, PH.D. | |
| 2 | APPEARANCES: | |
| 3 | WILMERHALE | |
| 4 | Attorneys for Petitioner | |
| 5 | 1225 17th Street | |
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| 8 | | |
| 9 | JONES DAY | |
| 10 | Attorneys for Patent Owner | |
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| 12 | Chicago, Illinois 60601 | |
| 13 | BY: THOMAS RITCHIE, ESQ. | |
| 14 | | |
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| 16 | | |
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| б | | | | |
| 7 | | EXHIBITS | | |
| 8 | INTEL EXHIBIT | | PAGE | |
| 9 | Exhibit 1002 | Declaration in | 7 | |
| | | IPR2019-00047 | | |
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| 12 | Exhibit 1202 | | 13 | |
| | | IPR2019-00049 | | |
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| 15 | Exhibit 1402 | | 18 | |
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| 10 | | | | |
| 17 | Exhibit 1001 | 356 Patent | 26 | |
| ± / | $\mathbf{E}_{\mathbf{v}}$ bit 1002 | U.S. Patent Application | 2.2 | |
| 18 | EXHIDIC 1003 | Publication Number US | 33 | |
| 10 | | 2011/0217945 | | |
| 19 | | 2011/021/945 | | |
| | Exhibit 1106 | U.S. Patent Application | 47 | |
| 20 | | Publication Number US | 1, | |
| | | 2010/0237947 | | |
| 21 | | | | |
| | Exhibit 1004 | 3GPP TR 36.912 | 53 | |
| 22 | | Version 9.1.0, (2009-12) | | |
| 23 | QUALCOMM EXHIBI | | | |
| 24 | Exhibit 2013 | U.S. Patent 9,161,254 | 78 | |
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| | | Page |
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| 1 | P. FAY, PH.D. | |
| 2 | (Witness sworn.) | |
| 3 | WHEREUPON: | |
| 4 | PATRICK FAY, PH.D., | |
| 5 | called as a witness herein, having been first | |
| 6 | duly sworn, was examined and testified as | |
| 7 | follows: | |
| 8 | CROSS-EXAMINATION | |
| 9 | BY MR. RITCHIE: | |
| 10 | Q. Would you state and spell your name | |
| 11 | for the record, please. | |
| 12 | A. Yes. I'm Patrick Fay. | |
| 13 | PATRICK. Surname is Fay, FAY. | |
| 14 | Q. And what is your current address? | |
| 15 | A. My home address is 16045 Baywood | |
| 16 | Lane, Granger, Indiana. | |
| 17 | Q. You've been deposed before? | |
| 18 | A. I have. | |
| 19 | Q. So is it fair to say that you | |
| 20 | understand the deposition process? | |
| 21 | A. At some level, yeah. | |
| 22 | Q. You understand that you're | |
| 23 | testifying under oath today? | |
| 24 | A. I do. | |
| 25 | Q. And is there any reason you cannot | |

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