|    |           | Page 1                           |
|----|-----------|----------------------------------|
| 1  | UNITED ST | ATES PATENT AND TRADEMARK OFFICE |
| 2  |           |                                  |
| 3  | BEFORE T  | HE PATENT TRIAL AND APPEAL BOARD |
| 4  |           |                                  |
| 5  |           | KVK-TECH, INC.                   |
|    |           | Petitioner                       |
| 6  |           | v.                               |
| 7  |           | SHIRE PLC                        |
|    |           | Patent Owner(s)                  |
| 8  |           |                                  |
| 9  |           | Case IPR2018-00290               |
|    |           | Patent 8,846,100 B2              |
| 10 |           |                                  |
| 11 | DEPOSIT   | ION OF DIANE J. BURGESS, Ph.D.   |
| 12 |           |                                  |
| 13 |           |                                  |
| 14 | DATE:     | September 24, 2018               |
| 15 | TIME:     | 9:40 a.m.                        |
| 16 | HELD AT:  | Axinn, Veltrop & Harkrider LLP   |
|    |           | 90 State House Square            |
| 17 |           | Hartford, Connecticut 06103      |
| 18 |           |                                  |
| 19 | By:       | Sarah J. Miner, RPR, LSR #238    |
| 20 |           |                                  |
| 21 |           |                                  |
| 22 |           |                                  |
| 23 |           | SHIRE EX. 2071                   |
| 24 |           | KVK v. SHIRE                     |
| 25 |           | IPR2018-00293                    |
|    |           |                                  |



|    |           | <u> </u>                           |   |
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|    |           | Page 2                             |   |
| 1  | UNITED S  | STATES PATENT AND TRADEMARK OFFICE | E |
| 2  |           |                                    |   |
| 3  | BEFORE TE | HE PATENT TRIAL AND APPEAL BOARD   |   |
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| 5  |           | KVK-TECH, INC.                     |   |
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| 7  |           | SHIRE PLC                          |   |
|    |           | Patent Owner(s)                    |   |
| 8  |           |                                    |   |
| 9  |           | Case IPR2018-00293                 |   |
|    |           | Patent 9,173,857                   |   |
| 10 |           |                                    |   |
| 11 | DEPOSITI  | ON OF DIANE J. BURGESS, Ph.D.      |   |
| 12 |           |                                    |   |
| 13 |           |                                    |   |
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| 18 | _         |                                    |   |
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| 20 |           |                                    |   |
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| 22 |           |                                    |   |
| 23 |           |                                    |   |
| 24 |           |                                    |   |
| 25 |           |                                    |   |



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|    |               | DITANE J. BOROLSS, I II.D.  |          |
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| 3  | DIANE J. BURG | ESS, Ph.D.                  |          |
| 4  | Direct Examin | ation by Mr. Robinson       | 5        |
| 5  |               | EXHIBITS                    |          |
| 6  | Deposition    |                             |          |
|    | Exhibits      | Description                 | Marked   |
| 7  |               |                             |          |
|    | Exhibit 200   | One page typewritten        | 43       |
| 8  | Exhibit 201   | US Patent 6,605,300         | 80       |
|    | Exhibit 202   | US Patent Publication       | 88       |
| 9  |               | No. US 2004/0059002         |          |
|    | Exhibit 203   | PDR label                   | 101      |
| 10 | Exhibit 204   | US Patent 6,322,819         | 112      |
|    | Exhibit 205   | US Patent 8,313,776         | 112      |
| 11 | Exhibit 206   | Declaration of Dr. Burgess  | 142      |
|    |               | US Patent 9,173,857         |          |
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| 15 | Exhibit 210   | US Patent 8,846,100         | 171      |
|    | Exhibit 211   | Utility Patent              | 213      |
| 16 |               | Application Transmittal     |          |
| 17 |               | (The exhibits were included | with the |
| 18 | original tran | script.)                    |          |
| 19 |               |                             |          |
| 20 |               |                             |          |
| 21 |               |                             |          |
| 22 |               |                             |          |
| 23 |               |                             |          |
| 24 |               |                             |          |
| 25 |               |                             |          |



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|----|--|----------|
| 1  | DIANE J. BURGESS, Ph.D.,                               | 09:38:58 |
| 2  | having first been duly sworn by Sarah J. Miner, LSR, a | 09:38:58 |
| 3  | Notary Public in and for the State of Connecticut, was | 09:38:58 |
|    |  | 09:38:58 |
| 4  | examined and testified as follows:                     | 09:38:58 |
|    |  | 09:38:58 |
| 5  | DIRECT EXAMINATION                                     | 09:38:58 |
| 6  | BY MR. ROBINSON:                                       | 09:38:58 |
| 7  | Q. Good morning.                                       | 09:39:02 |
| 8  | A. Good morning.                                       | 09:39:04 |
| 9  | Q. Thank you for coming today. I will be asking        | 09:39:05 |
| 10 | you some questions about this inter-party proceeding.  | 09:39:12 |
| 11 | If you need any clarification or anything like that,   | 09:39:15 |
| 12 | just feel free to ask.                                 | 09:39:18 |
| 13 | A. Okay.   | 09:39:19 |
| 14 | Q. Could you just give your name, address and          | 09:39:20 |
| 15 | occupation?  | 09:39:23 |
| 16 | A. Diane J. Burgess, 626 Browns Road in Storrs         | 09:39:24 |
| 17 | Mansfield, Connecticut. And I am a distinguished       | 09:39:29 |
| 18 | professor of pharmaceutics at the University of        | 09:39:32 |
| 19 | Connecticut.   | 09:39:36 |
| 20 | Q. What are your duties as a professor?                | 09:39:38 |
| 21 | A. Teaching, research and service.                     | 09:39:42 |
| 22 | Q. You submitted a declaration. You realize            | 09:39:44 |
| 23 | that this is we are here for two IPRs, right?          | 09:39:46 |
| 24 | A. Yes, I do.  | 09:39:50 |
| 25 | Q. And you submitted a declaration in each.            | 09:39:51 |



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