Filed on behalf of: KVK-Tech, Inc.

By: Jonathan A. Harris (jharris@axinn.com) Axinn, Veltrop & Harkrider LLP

UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD KVK-Tech, Inc. Petitioner, v. Shire PLC Patent Owner.

Case IPR2018-00293 U.S. Patent No. 9,173,857

ERRATA SHEET OF EXHIBIT 1004: DECLARATION OF DIANE J. BURGESS, PH.D.

I, Diane J. Burgess, Ph.D., hereby certify that I have read the declaration filed on December 11, 2017 in the above-captioned case, and I request the following changes be noted:

Page:Para.(s)	Change From	Change To	Reason
8:23	"EX1023 at 27"	"EX1023"	Typographical
			error
9:25	" <u>Id.</u> at 8"	" <u>Id.</u> at 8-9"	Typographical
			error
9:26	"EX1015 at [57]	"EX1015 at [57]	Typographical
	(abstract), 2:4-8"	(abstract)"	error
13:41	"'100 patent"	"'857 patent"	Typographical
			error
14:43	"100 patent"	"'857 patent"	Typographical
	_		error
15:44	"'100 patent"	"'857 patent"	Typographical
	-		error
30:64	"EX1001 at 10:30-	"EX1002 at 10:30-	Typographical
	12:26; EX1007 at 6"	12:26; EX1007 at 6"	error
34:75	"EX1031 at 11:8-9;	"EX1034 at 11:8-9;	Typographical
	13:12-13"	13:12-13"	error
34:75	"EX1032 at 11:8-28"	"EX1035 at 11:8-	Typographical
		28"	error
35:76	"EX1007 at 6;	"EX1007 at 6;	Typographical
	EX1031 at 11:8-9,	EX1034 at 11:8-9,	error
	13:12-13; EX1032 at	13:12-13; EX1035 at	
	11:18-25"	11:18-25	
59:134	"'100 patent"	"'857 patent	Typographical
			error
59:134	"EX1001 at 11:59-64"	"EX1001 at 12:4-9"	Typographical
			error
60:139	"100 patent	"'857 patent"	Typographical
	-		error
70:150	"'100 patent"	"'857 patent"	Typographical
			error
70:Chart	"'100 patent"	"'857 patent"	Typographical
heading	_	_	error



71:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
72:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
73:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
74:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
75:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
76:Chart	"'100 patent"	"'857 patent"	Typographical
heading			error
81:168	"'100 patent"	"'857 patent"	Typographical
			error
81:168	"EX1001 at 4:3-8"	"EX1001 at 4:4-10"	Typographical
			error
84:177	"'100 patent"	"'857 patent"	Typographical
			error
84:177	"EX1001 at 4:8-14"	"EX1001 at 4:16-	Typographical
		22"	error
Appendix I	"U.S. Patent No.	"U.S. Patent No.	Typographical
	8,846,100 (the '100	9,173,857 ("the '857	error
	patent")"	patent")"	

Date: October 22, 2018

By:

Diane J. Burgess/Ph.D.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that, pursuant to 37 C.F.R. §§ 42.6(e)(4) and 42.105, a copy of the foregoing Errata Sheet of Exhibit 1004: Declaration of Diane J. Burgess, Ph.D. was served electronically via email on October 22, 2018, in its entirety on the following:

Joseph R. Robinson Troutman Sanders LLP 975 Third Avenue New York, NY 10022 joseph.robinson@troutmansanders.com Dustin B. Weeks Troutman Sanders LLP Bank of America Plaza 600 Peachtree Street NE, Suite 5200 Atlanta, GA 30308-2231 dustin.weeks@troutmansanders.com

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Patent Owner has consented to electronic service.

Date: October 22, 2018 By: /Jonathan Harris/

Jonathan Harris Reg. No. 44,744

