UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

~~TEVA PHARMACEUTICALS USA INC.,~~DR. REDDY'S LABORATORIES, LTD. AND DR. REDDY'S LABORATORIES, INC.,

~~*Petitioner*~~

~~v.~~**Petitione**

rs, v.

MONOSOL RX, LLC, Patent Owner**.**

~~U.S. Patent No. 8,017,150~~

Case **No.** IPR2016~~: Unassigned~~**-XXXXX**

DECLARATION OF ~~NANDITA DAS, Ph.D.~~RUSSELL J. MUMPER, Ph.D. IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,017,150

"POLYETHYLENE OXIDE-BASED FILMS AND DRUG DELIVERY SYSTEMS MADE THEREFROM"

DRL - EXHIBIT ~~NO.~~

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WO2000/42992 ("Chen") (Ex. 1021) 43

U.S. Application Pub. No. 2002/0147201 ("Chen II")

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(Ex. 1049) 47

U.S. Patent No. 4,713,243 ("Schiraldi") (Ex. 1004) 48

U.S. Patent No. 6,322,811 ("Verma") (Ex. 1005) 50

U.S. Patent No. 5,656,296 ("Khan") 51

B. Summary of the Scope and Content of the Prior Art 51

1. Mucosally-adhesive water-soluble film products 51

2. PEO in combination with cellulosic polymers[6] 52

3. Films containing PEOs of varying molecular weights 52

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U.S. Patent App. No. 2005/0037055 ("Yang") (Ex. 1006) 53

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1. My name is ~~Nandita Das~~**Russell J. Mumper.** I have been retained by counsel for Petitioner ~~Teva Pharmaceuticals USA, Inc. ("Teva").~~ **Dr. Reddy's Laboratories, Inc. and Dr. Reddy's Laboratories, Ltd. (collectively – "Dr. Reddy's").** I understand that ~~Teva~~**Dr. Reddy's** is petitioning for *inter partes* review of U.S. Patent No. 8,017,150 (the "'150 patent"), which is owned by MonoSol RX, LLC. I further understand that ~~Teva~~**Dr. Reddy's** will request that the United States Patent and Trademark Office ("USPTO") cancel certain claims of the '150 patent as unpatentable. I submit this expert declaration, which addresses and supports ~~Teva~~**Dr. Reddy**'s petition.

~~I.Qualifications and Background~~ I. QUALIFICATIONS AND BACKGROUND

A. ~~A.~~Education and Experience; Prior Testimony

2. Currently, I am ~~an Associate Professor of Pharmaceutics at Butler~~**the Vice Provost for Academic Affairs for** University **of Georgia at Athens,** with ~~over 15~~**more than 25** years of **combined research, product development and teaching** experience ~~teaching~~**in the** pharmaceutical sciences. I have been on the faculty at ~~Butler~~ University **of Georgia in Athens, Georgia** since ~~2004 with a full-time campus- based tenure-track faculty position since 2005. I was granted tenure and promoted to Associate Professor in Spring 2012.~~**2014, where I hold full Professor positions (with tenure) in both the College of Pharmacy and the College of Engineering.** Prior to my ~~time~~**employment** at ~~Butler University, I was~~

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