UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MYLAN PHARMACEUTICALS INC. MYLAN LABORATORIES LIMITED Petitioner

v.

QUALICAPS CO. LTD. Patent Owner

U.S. Patent No. 6,649,180 Filing Date: April 13, 2000 Issue Date: November 18, 2003 Title: HARD CAPSULE FORMED OF CELLULOSE ETHER FILM WITH A SPECIFIC CONTENT OF METHOXYL AND HYDROXYPROPOXYL GROUPS

Inter Partes Review No. Unassigned

DECLARATION OF ARTHUR H. KIBBE IN SUPPORT OF PETITION

FOR INTER PARTES REVIEW OF U.S. PATENT NO. 6,649,180

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| | | 1. | Claim | 1 | 19 | | | | |
| | | | i. | Limitation [1.1] "A hard capsule formed of a film composition comprising a | | | | | |

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| | | hydroxypropyl methyl cellulose as a base, a gelling agent, and a gelling aid." |
|----|----|--|
| | | ii. Limitation [1.2] wherein said hydroxypropyl methyl cellulose has a content of hydroxypropoxyl groups of at least 4% by weight of the hydroxypropyl methyl cellulose and a content of methoxyl groups and hydroxypropoxyl groups combined of 23 to 37.6% by weight of the hydroxypropyl methyl cellulose |
| | 2. | Claim 4 30 |
| | | Limitation [4.1] The hard capsule formed of a film of claim1, wherein the content of methoxyl and hydroxypropoxyl groups combined is 29 to 37% by weight of the hydroxypropyl methyl cellulose |
| B. | | nd 2: Claims 1 and 4 are Unpatentable as Obvious ew of Greminger |
| | 1. | Claim 1 |
| | | i. Limitation [1.1] "A hard capsule formed of a film composition comprising a hydroxypropyl methyl cellulose as a base, a gelling agent, and a gelling aid." |
| | | ii. Limitation [1.2] wherein said hydroxypropyl methyl cellulose has a content of hydroxypropoxyl groups of at least 4% by weight of the hydroxypropyl methyl cellulose and a content of methoxyl groups and hydroxypropoxyl groups combined of 23 to 37.6% by weight of the hydroxypropyl methyl cellulose |
| | 2. | Claim 4 |

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| | | Limitation [4.1] The hard capsule formed of a film of claim1, wherein the content of methoxyl and hydroxypropoxyl groups combined is 29 to 37% by weight of the hydroxypropyl methyl cellulose | 44 |
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Х.

I, Arthur H. Kibbe, being over the age of 18 and competent to make the statements herein, hereby declare the following:

I. SCOPE OF THE REPORT

I have been retained on behalf of Petitioner Mylan
 Pharmaceuticals Inc. ("Petitioner" or "Mylan") as an independent expert
 consultant to analyze and provide my opinions on the invalidity of U.S.
 Patent No. 6,649,180 (the "180 Patent"), and such other topics as addressed
 in this report.

2. As part of this work, I have been requested by counsel for Petitioner to study Claims 1 and 4 of the '180 Patent and opine on their invalidity.

3. I understand based on information and belief, including assignment information available in the United States Patent and Trademark Office Patent Assignment Database, the '180 Patent was initially assigned to Shionogi Qualicaps Co., Ltd. and is currently assigned to Qualicaps Co., Ltd. Upon information and belief, Warner Chilcott Company, LLC has an exclusive license to manufacture a drug called DELZICOL® under the '180 Patent.

4. In this declaration, I will discuss the technology related to the'180 Patent, including an overview of that technology as it was known at the

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