UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HIKMA PHARMACEUTICALS USA INC., HIKMA PHARMACEUTICALS PLC, Petitioner,

V.

AMARIN PHARMACEUTICALS IRELAND LIMITED, Patent Owner.

Case IPR2021-00215
Patent 8,642,077 B2
Issued: February 4, 2014

Title: STABLE PHARMACEUTICAL COMPOSITION AND METHODS OF USING SAME

DECLARATION OF EDWARD A. FISHER, M.D., Ph.D., M.P.H.



TABLE OF CONTENTS

LIST	OF CI	TED I	EXHIB	ITS	iii				
I.	INTR	ODU	CTION		7				
II.	BAC	CKGROUND AND QUALIFICATIONS							
III.	LEGAL STANDARDS USED IN MY ANALYSIS								
	A.	Prior art							
	B.	Person of ordinary skill in the art							
	C.	Anticipation1							
	D.	Obviousness							
IV.	THE '077 PATENT								
	A.	The challenged claims							
	B.	The specification2							
V.	TECH	HNICA	AL BA	CKGROUND	23				
VI.	CLAI	М СО	NSTR	UCTION	26				
VII.	PRIOR-ART REFERENCES								
	A.	Yokoyama I							
	B.	Mori							
	C.	Yokoyama II							
	D.	Satoh3							
	E.	Grimsgaard4							
VIII.	_								
	A.	Grou	nds bas	sed on Yokoyama I	42				
		1.	Grou	nd A.1: Yokoyama I anticipates claims 1, 8, and 19	42				
			a.	Independent claim 1					
			b.	Dependent claim 8	52				
			c.	Dependent claim 19	56				
		2.		nd A.2: Dependent claim 8 would have been obvious yama I in view of Satoh					
		3.		nd A.3: Dependent claims 14–18 would have been ol Yokoyama I in view of Grimsgaard					



			a.	Dependent claims 14, 16, 17	60
			b.	Dependent claims 15 and 18	63
	В.	Grou	ınds ba	ased on Mori and Yokoyama II	
		1.		und B.1: Claims 1, 8, and 19 would have been obvious i in view of Yokoyama II.	
			a.	Independent claim 1	64
			b.	Dependent claim 8	71
			c.	Dependent claim 19	72
		2.		und B.2: Dependent claim 8 would have been obvious of in view of Yokoyama II and Satoh	
		3.		und B.3: Dependent claims 14–18 would have been obv Mori in view of Yokoyama II and Grimsgaard	
			a.	Dependent claims 14, 16, 17	74
			b.	Dependent claims 15 and 18	76
	C.	Ther	e are n	no secondary considerations of nonobviousness	77
		1.	The	claimed method does not produce unexpected results	77
		2.	Pate	nt Owner's Vascepa lacks a nexus to the claims	86
		3.	-	alleged secondary considerations would be discounted blocking effect of existing and expected patents	-
X.	CON	ICLUS	ION		90



LIST OF CITED EXHIBITS

No.	Description	
1001	U.S. Patent No. 8,642,077 B2 to Manku et al. (the "'077 patent")	
1002	Expert Declaration of Edward A. Fisher, M.D., Ph.D., M.P.H.	
1003	WO 2007/142118 to Yokoyama et al. (2007) (certified English translation) ("Yokoyama I")	
1004	Trevor A. Mori et al., Purified Eicosapentaenoic and Docosahexaenoic Acids Have Differential Effects on Serum Lipids and Lipoproteins, LDL Particle Size, Glucose, and Insulin in Mildly Hyperlipidemic Men, 71 Am. J. CLINICAL NUTRI. 1085 (2000) ("Mori")	
1005	Mitsuhiro Yokoyama et al., Effects of Eicosapentaenoic Acid on Major Coronary Events in Hypercholesterolaemic Patients (JELIS): a Randomized Open- Label, Blinded Endpoint Analysis, 369 LANCET 1090 (2007) ("Yokoyama II")	
1006	Noriko Satoh et al., Purified Eicosapentaenoic Acid Reduces Small Dense LDL, Remnant Lipoprotein Particles, and C-Reactive Protein in Metabolic Syndrome, 30 DIABETES CARE 144 (2007) ("Satoh")	
1007	Sameline Grimsgaard et al., Highly Purified Eicosapentaenoic Acid and Docosahexaenoic Acid in Humans Have Similar Triacylglycerol-Lowering Effects but Divergent Effects on Serum Fatty Acids, 66 Am. J. CLINICAL NUTRI. 649 (1997) ("Grimsgaard")	
1008	Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel 111) Final Report, 106 CIRCULATION 3143 (2002) ("ATP-III")	
1009	Plaintiffs' Corrected Post-Trial Proposed Findings of Fact and Conclusions of Law (Feb. 27, 2020) from <i>Amarin Pharma, Inc. v. Hikma Pharm. USA Inc.</i> , No. 16-2525, D.I. 377, ¶ 510 (D. Nev.) ("Amarin FFCL")	
1010	Day 2 (Jan. 14, 2020) Trial Transcript from <i>Amarin Pharma, Inc. v. Hikma Pharm. USA Inc.</i> , No. 16-2525 (D. Nev.) (Testimony of Dr. Budoff) ("Bufoff Tr.")	
1011	Margaret Carroll, et al., Serum Lipids of Adults 20–74 Years: United States, 1976–80, Nat'l Ctr for Health Statistics, Vital & Health Statistics, 11(242) (1993) ("Nat'l Health Survey")	



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1012	Hartmut H-J Schmidt et al., Lipid Evaluation in HIV-1-Positive
	Patients Treated with Protease Inhibitors, 4 ANTIVIRAL THER. 163
	(1999) ("Schmidt")
1014	Lovaza®, Physicians' Desk Reference 2699 (62d ed. 2007)
	("Lovaza PDR")
1015	Shuichi Nozaki et al., Effects of Purified Eicosapentaenoic Acid
	Ethyl Ester on Plasma Lipoproteins in Primary
	Hypercholesterolemia, 62 Int'l J. Vitamin & Nutr. Res.
1015	256(1992) ("Nozaki")
1016	Koji Shinozaki et al., The Long-Term Effect of Eicosapentaenoic
	Acid on Serum Levels of Lipoprotein (a) and Lipids in Patients with
	Vascular Disease, 2(2) J. ATHEROSCL. THROMB. 107 (1996)
1018	("Shinozaki") Day 7 (Jan. 28, 2020) Trial Transcript from <i>Amarin Pharma, Inc. v.</i>
1016	Hikma Pharm. USA Inc., No. 16-2525 (D. Nev.) (Testimony of Dr.
	Toth) ("Toth Tr.")
1019	Plaintiffs' Validity Contentions from <i>Amarin Pharma, Inc. v. Hikma</i>
1017	Pharm. USA Inc., No. 16-2525 (D. Nev.)
1020	Plaintiffs' Infringement Contentions from <i>Amarin Pharma</i> , <i>Inc. et</i>
	al. v. Hikma Pharm. USA Inc. et al., C.A. No. 20-1630 (D. Del.)
1021	Plaintiffs' Opposition to Motion to Dismiss from Amarin Pharma,
	Inc. et al. v. Hikma Pharm. USA Inc. et al., C.A. No. 20-1630 (D.
	Del.)
1022	Plaintiffs' First Amended Complaint from Amarin Pharma, Inc. et
	al. v. Hikma Pharm. USA Inc. et al., C.A. No. 20-1630, D.I. 17 (D.
	Del.) ("Complaint")
1023	Exhibit U to Plaintiffs' First Amended Complaint from Amarin
	Pharma, Inc. et al. v. Hikma Pharm. USA Inc. et al., C.A. No. 20-
	1630, D.I. 17-22 (D. Del.) (Christie Ballantyne et al., <i>Efficacy and</i>
	Safety of Eicosapentaenoic Acid Ethyl Ester (AMR101) Therapy in
	Statin-Treated Patients with Persistent High Triglycerides, AM. J.
1024	CARDIOL. 1 (2012)) ("Ballantyne") Exhibit V to Plaintiffs' First Amended Complaint from <i>Amarin</i>
1024	Pharma, Inc. et al. v. Hikma Pharm. USA Inc. et al., C.A. No. 20-
	1630, D.I. 17-23 (D. Del.) (Deepak L. Bhatt et al., Cardiovascular
	Risk Reduction with Icosapent Ethyl for Hypertriglyceridemia, 380
	N. ENGL. J. MED. 11 (2018)) ("Bhatt")



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