

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AKER BIOMARINE AS
Petitioner

v.

NEPTUNE TECHNOLOGIES AND BIORESSOURCES INC.
Patent Owner

Case IPR2014-00003
Patent 8,278,351 B1

AKER BIOMARINE AS'S UPDATED EXHIBIT LIST

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Alexandria, VA 22313-1450

AKBM Exhibit No.	Description
1001	U.S. Pat. No. 8,278,351 to Sampalis (“351”)
1002	WO 00/23546 to Beaudoin (“Beaudoin I”)
1003	Canadian Application 2,251,265 to Beaudoin (“Beaudoin II”)
1004	Certified translation of Ex. 1070: Japanese Unexamined Patent Application Publication No. 02-215351, titled Krill Phospholipids Fractioning Method (“Maruyama,”); Certificate of Translation provided as Ex. 1071.
1005	Certified translation of Ex. 1072: Fisheries Agency, General Report on Research and Development of Techniques in Processing and Utilization of Marine Products, Chapter 6, Development of technology for recovery of valuable substances (astaxanthin) from krill, by Takao Fujita, pp. 273-307 (March 1985) (“Fujita”); Certificate of Translation provided as Ex. 1073.
1006	Fricke et al., <i>Lipid, Sterol, and Fatty Acid Composition of Antarctic Krill</i> , <i>Lipids</i> , Vol. 19, No. 11, pp. 821-827 (1984) (“Fricke”)
1007	Bottino, N.R., “Lipid Composition of Two Species of Antarctic Krill: <i>Euphausia Superba</i> and <i>E. Crystallorophias</i> ,” <i>Comp. Biochem. Physiol.</i> , 1975, Vol. 50B, pp. 479-484 (“Bottino”)
1008	Canadian Patent No. 1098900, titled Method for the Processing of Krill to Produce Protein, Lipids and Chitin (“Rogozhin”)

AKBM Exhibit No.	Description
1009	Itano Refrigerated Food Co., Ltd., Bio & High Technology Announcement and Natural Astaxanthin & Krill Lecithin, pp. 1-16 (on or before December 28, 1994) ("Itano")
1010	WO97/39759 to Stoll ("Stoll")
1011	Final Prospectus dated May 11, 2001 ("Final Prospectus")
1012	"Neptune Technologies & Bioresources Soon to Obtain a Major Patent in Over 30 Countries" ("2011 Press Release,")
1013	Le Grandois et al., Investigation of Natural Phosphatidylholine Sources: Separation and Identification by Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry (LC-ESI-MS2) of Molecular Species, J. Agric. Food Chem., 57, 6014-20 (2009) ("Le Grandois")
1014	Certified translation of Ex. 1074: Japanese Patent No. 60-153779, entitled "Nutritional Supplement" ("Fukuoka"); Certificate of Translation provided as Ex. 1075
1015	Certified translation of Ex. 1076: Japanese Patent Publication No. H08-231391, entitled "Medicine for Improvement of Dementia Symptoms" ("Yasawa"); Certificate of Translation provided as Ex. 1077.
1016	Suzuki, T. and Shibata, N., "The utilization of Antarctic krill for human food," Food Rev. Int'l, 6:1, 119-147 (1990) ("Suzuki")

AKBM Exhibit No.	Description
1017	Bergelson (ed.), <i>Lipid Biochemical Preparations</i> , Chapter I.1, pp. 1-13 (1980) (“Bergelson”)
1018	WHO News and Activities, Bulletin of the World Health Organization, 73(4), pp. 547-51 (1995) (“WHO Bulletin”)
1019	Bell and Dick, Molecular Species Composition of the Major Diacyl Glycerophospholipids from Muscle, Liver, Retina and Brain of Cod (<i>Gadus morhua</i>), <i>Lipids</i> , Vol. 26, No. 8, pp. 565-573 (1991) (“Bell and Dick”)
1020	Henderson et al., Lipid Composition of the Pineal Organ from Rainbow Trout (<i>Oncorhynchus mykiss</i>), <i>Lipids</i> , Vol. 29, No. 5, pp. 311-317 (1994) (“Henderson ”)
1021	Bell, Molecular Species Analysis of Phosphoglycerides from the Ripe Roes of Cod, <i>Lipids</i> , Vol. 24, No. 7 (1989)
1022	Takahashi et al., Compositional Changes in Molecular Species of Fish Muscle Phosphatidylcholine During Storage, <i>Bull. Fac. Fish. Hokkaido Univ.</i> 37(1), 80-84 1986.
1023	Takahashi et al., Prediction of Relative Retention Value of the Individual Molecular Species of Diacyl Glycerolipid on High Performance Liquid Chromatography, <i>Bull. Fac. Fish. Hokkaido Univ.</i> 38(4), 398-404. 1987

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1024	Lin et al., Effect of Dietary N-3 Fatty Acids Upon the PhospholipidMolecular Species of the Monkey Retina, Invest Ophthalmol Vis Sci. 1994;35:794-803
1025	Farkas, Composition and Physical State of Phospholipids in Calanoid Copepods from India and Norway, LIPIDS, Vol. 23, No. 6 (1988)
1026	Bell, Molecular Species Composition of Phosphatidylcholine from Crypthecodinium cohnii in Relation to Growth Temperature Lipids 25, 115-118 (1990)
1027	Buda, Structural order of membranes and composition of phospholipids in fish brain cells during thermal acclimatization, Proc. Natl. Acad. Sci. USA Vol. 91, pp. 8234-8238, August 1994
1028	Takahashi et al., Molecular Species of Fish Muscle Lecithin, Bulletin of the Japanese Society of Scientific Fisheries 48(12), 1803-1814 (1982)
1029	Tocher, Chapter 6, Glycerophospholipid metabolism, Biochemistry and molecular biology of fishes, vol. 4, Hochachka and Mommsen (eds.)(1995)
1030	Tanaka, Biosynthesis of 1,2-dieicosapentaenoyl-sn-glycero-3-phosphocholine in Caenorhabditis elegans, Eur. J. Biochem. 263, 189±194 (1999)

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