none of the Claims are entitled to claim priority to the Provisional Application or a priority date of July 27, 2001.

## 3.2 Effect of Priority Date on Invalidity

170. I understand that the priority date to which the Claims of the '351 patent is entitled affects (i) whether certain references are prior art and (ii) the subsections of § 102 under which references qualify as prior art. The table below shows, on a reference-by-reference basis, the effect of the priority date on the prior art status of various references.

Reference	If Priority	If Priority Date
	Date is July 27,	is July 29, 2002
	2001	
Ex. 1011. Neptune's "Final	§ 102(a)	§ 102(a)
Prospectus" (the "Neptune		§ 102(b)
Prospectus,"), which published on		
May 11, 2001.		
Ex. 1012. Neptune press release titled	§ 102(a)	§ 102(a)
"Neptune Technologies &		§ 102(b)
Bioressources Soon to Obtain a Major		



Patent in Over 30 Countries"		
("Neptune Press Release,"), which		
published on June 14, 2001.		
E 1000 N/O 00/02546 (%D 1 :	9.100()	0.102()
Ex. 1002. WO 00/23546 ("Beaudoin	§ 102(a)	§ 102(a)
I"), which published on April 27,	§ 102(b)	§ 102(b)
2000.		
Ex. 1003. CA 2,251,265 ("Beaudoin	§ 102(a)	§ 102(a)
II,"), published on April 21, 2000.	§ 102(b)	§ 102(b)
Γ 1004 Ι	e 102(-)	e 102(-)
Ex. 1004. Japanese Unexamined	§ 102(a)	§ 102(a)
Patent Application Publication No.	§ 102(b)	§ 102(b)
02-215351, titled Krill Phospholipids		
Fractioning Method ("Maruyama,"),		
was filed by Kazuki Maruyama et al.		
It published on August 28, 1990.		
Ex. 1010. WO 97/39759 to Stoll et al.	§ 102(a)	§ 102(a)
("Stoll,") titled "Omega-3 fatty acids	§ 102(b)	§ 102(b)
and omega-3 phosphatidylcholine in		



the treatment of bipolar disorder," published on October 30, 1997.		
Ex. 1006. Fricke et al., Lipid, Sterol,	§ 102(a)	§ 102(a)
and Fatty Acid Composition of	§ 102(b)	§ 102(b)
Antarctic Krill, Lipids, Vol. 19, No.		
11, pp. 821-827 (1984) ("the Fricke		
Article") The Fricke Article published		
in November 1984.		
Ex. 1009. Itano Refrigerated Food	§ 102(a)	§ 102(a)
Co., Ltd., Bio & High Technology	§ 102(b)	§ 102(b)
Announcement and Natural		
Astaxanthin & Krill Lecithin (on or		
before December 28, 1994) ("the		
Itano Brochure,"). The Itano		
Brochure was published by at least		
December 28, 1994, when it was cited		
to the U.S.P.T.O during the		
prosecution of U.S. Pat. No.		



5,527,533.		
Ex. 1014. Japanese Patent No. 60-	§ 102(a)	§ 102(a)
153779, titled Supplementary	§ 102(b)	§ 102(b)
nutritive food comprises vitamin=E		
and soybean lecithin dissolved in oil		
with high eicosapentaenoic acid		
content ("Fukuoka ,"), was filed by		
Osamu Fukuoka et al. It was		
published on August 13, 1985.		
Ex. 1015. Japanese Patent Publication	§ 102(a)	§ 102(a)
No. H08-231391, titled Dementia-	§ 102(b)	§ 102(b)
Improving Medicine ("Yazawa"), was		
filed by Kazuyoshi Yazawa et al. It		
was published on September 10,		
1996.		
Ex. 1005. The Fisheries Agency,	§ 102(a)	§ 102(a)
General Report on Research and	§ 102(b)	§ 102(b)
Development of Techniques in		



Processing and Utilization of Marine		
Products (March 1985) (the "General		
Report"). I understand that the		
General Report, including the Fujita		
Reference, was published in March		
1985, and is therefore prior art to each		
of the '351 Patent under at least 35		
U.S.C. § 102(b), even under Patentee'		
earliest alleged priority date. See		
Expert Witness Report of Theodore F.		
Welch, Ph.D Regarding Public		
Accessibility of Certain References at		
¶¶ 25-44; see also Van Breemen		
Declaration at ¶¶ 36-40.		
Ex. 1008. Canadian Patent No.	§ 102(a)	§ 102(a)
1098900, titled Method for the	§ 102(b)	§ 102(b)
Processing of Krill to Produce	0 ()	
Protein, Lipids and Chitin		



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