

10-14-2005



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B/O FORM PTO-1595 (Rev. 4/00)

U.S. Department of Commerce
Patent and Trademark Office

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

AstaCarotene AB

☐ Additional names of conveying parties attached.

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: January 31, 2003

2. Name and Address of Receiving Party(ies):

Name: BioProcess Sweden AB

Internal Address:

Street Address: Idrottsvagen 4

City, State, Zip: SE-134 40 Gustavsberg, Sweden

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

4. (B) Patent Number(s):

6,262,316

Atty Dkt: WADS3001/REF

Title: ORAL PREPARATION FOR THE PROPHYLACTIC
AND THERAPEUTIC TREATMENT OF
HELICOBACTER SP. INFECTIONIf this document is being filed together with a new
application, the execution date of the application is:☐ Additional Numbers Attached5. Name and Address of Party to whom Correspondence Concerning this
Document Should be Mailed:

Name: Richard E. Fichter
Registration Number 26,382
Address: Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Total Number of Applications and
Patents Involved:

1

7. Total Fee:
(37 CFR 3.41)

\$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number: 02-0200

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

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9. Statement and Signature:

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is
a true copy of the original document.*

Richard E. Fichter

Name of Person Signing

Signature

October 5, 2005

Date

Total number of pages including cover sheet, attachments and document: 5

10/13/2005 ECOOPER 00000195 6262316

01 FC:8021

40.00 DP

PATENT
REEL: 017065 FRAME: 0668

Patent and pending applications in the name of AstaCarotene AB/Zacco Sweden AB/ January 30, 2003

Our ref	Country	Appl. No.	Filing date	Date of Grant	Patent No.	Expiry date	Our short ref. title	Int. fil. date	Type
192758500	SE	9403147-3	1994-09-19	1996-05-28	9403147-3	2014-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886300	EP	95933002.8	1995-09-19	2002-02-20	798968		ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886301	DE	95933002.8	1995-09-19	2002-02-20	69525545.2-08	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886302	FR	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886303	AT	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886304	BE	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886305	CH	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886306	DK	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886307	ES	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886308	GB	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886309	GR	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886310	IE	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886311	IT	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886312	NL	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886313	PT	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886314	SE	95933002.8	1995-09-19	2002-02-20	798968	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886400	FI	971083	1997-03-14				ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192886500	NO	97.1051	1997-03-07				ASTAXANTHIN-FJÄDERFÄ	1995-09-19	P. Appln.
192886600	US	08/793,803	1997-03-19	1998-04-28	5,744,502	2015-09-19	ASTAXANTHIN-FJÄDERFÄ	1995-09-19	P. Appln.
192886700	JP	510808/96	1997-03-19				ASTAXANTHIN-FJÄDERFÄ	1995-09-19	Patent
192956801	EP	98962742.7	1998-12-02			2018-12-02	ASTAXANTHIN-FJÄDERFÄ	1998-12-02	P. Appln.
192956802	US	09/581,189	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956803	CA	2,314,407	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956804	AU	17906/99	1998-12-02	2002-03-13	747077	2018-12-02	COLOSTRUM	1998-12-02	Patent
192956805	NZ	505013	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956806	NO	20003074	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956807	JP	2000-538683	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956809	DE	98962742.7	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
192956810	FR	98962742.7	1998-12-02			2018-12-02	COLOSTRUM	1998-12-02	P. Appln.
29601	CA					2019-10-08	DYSPEPSI	1999-10-08	P. Appln.
192961000	SE	9803541-3	1998-10-16				DYSPEPSI	1999-10-08	P. Appln.
192980501	US	09/463,958	2000-02-10				DYSPEPSI	1999-10-08	P. Appln.
192980502	AU	62016/99	2001-04-12			2019-10-08	DYSPEPSI	1999-10-08	P. Appln.
192980503	CA	2346647	2001-04-05			2019-10-08	DYSPEPSI	1999-10-08	P. Appln.
192980504	EP	99948969.3	1999-10-08			2019-10-08	DYSPEPSI	1999-10-08	P. Appln.

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2005-07-27 PATENT

REEL: 017065 FRAME: 0669

Patent and pending applications in the name of AstaCarolene AB/Zacco Sweden AB/ January 30, 2003

Our ref	Country	Appl. No.	Filing date	Date of Grant	Patent No.	Expiry date	Our short ref. title	Int. fil. date	Typ
192980505	JP	2000-576839	2001-04-13			2019-10-08	DYSPEPSI	1999-10-08	P. Appl.
192980506	NO	20011667	2001-04-03			2019-10-08	DYSPEPSI	1999-10-08	P. Appl.
192980507	HK	01107132.3	2001-10-11			2019-10-08	DYSPEPSI	1999-10-08	P. Appl.
192843700	SE	9601197-8	1996-03-27	1997-11-17	9601197-8	2016-03-27	DÄGGDJUR	1997-03-21	P. Appl.
192954800	JP	534316197	1997-03-21				DÄGGDJUR	1997-03-21	P. Appl.
192955000	EP	97915802.9	1997-03-21				DÄGGDJUR	1997-03-21	P. Appl.
192955100	AU	2313397	1997-03-21	2000-06-15	716605	2017-03-21	DÄGGDJUR	1997-03-21	P. Appl.
192955300	CA	2,249,456	1997-03-21				DÄGGDJUR	1997-03-21	P. Appl.
192955400	CZ	PV 3029-98	1998-09-21				DÄGGDJUR	1997-03-21	P. Appl.
192955500	HU	P9903543	1997-03-21				DÄGGDJUR	1997-03-21	P. Appl.
192955600	IL	126029	1997-03-21	2001-04-15	129029	2017-03-21	DÄGGDJUR	1997-03-21	P. Appl.
192955700	NZ	331861	1997-03-21	2000-02-08	331861	2017-03-21	DÄGGDJUR	1997-03-21	P. Appl.
192955800	PL	P 328996	1997-03-21				DÄGGDJUR	1997-03-21	P. Appl.
192955900	US	09/147,046	1998-09-25	2000-04-25	6,054,491	2017-03-21	DÄGGDJUR	1997-03-21	P. Appl.
192884200	SE	9700708-2	1997-02-27				DÄGGDJUR	1997-03-21	P. Appl.
192978800	EP	98906921.6	1999-08-24				HELICOBACTER	1998-02-05	P. Appl.
192978900	AU	62951/98	1999-08-26	2000-08-17	719090	2018-02-05	HELICOBACTER	1998-02-05	P. Appl.
192979000	CA	2,280,715	1999-08-11				HELICOBACTER	1998-02-05	P. Appl.
192979100	CN	98802850.6	1998-02-05				HELICOBACTER	1998-02-05	P. Appl.
192979101	HK	00105838.5	2000-09-15			2018-02-05	HELICOBACTER	1998-02-05	P. Appl.
192979200	IL	131129	1999-07-27				HELICOBACTER	1998-02-05	P. Appl.
192979300	JP	537222/98	1998-02-05				HELICOBACTER	1998-02-05	P. Appl.
192979400	KR	99-7007239	1999-08-11				HELICOBACTER	1998-02-05	P. Appl.
192979500	NO	19994109	1999-08-25				HELICOBACTER	1998-02-05	P. Appl.
192979600	NZ	337080	1999-08-05	2001-07-12	337080	2018-02-05	HELICOBACTER	1998-02-05	P. Appl.
192979700	PL	P 335370	1999-08-26				HELICOBACTER	1998-02-05	P. Appl.
192979800	US	09/367,838	1999-08-26	2001-07-17	6,262,316	2018-02-05	HELICOBACTER	1998-02-05	P. Appl.
192979900	SG	9903632-9	1999-07-29	2000-06-20	67027	2018-02-05	HELICOBACTER	1998-02-05	P. Appl.
192976700	SE	9300901-7	1993-03-19	1998-12-14	9300901-7	2013-03-19	HELICOBACTER	1998-02-05	P. Appl.
192925800	SE	9704693-2	1997-12-16	1999-08-30	9704693-2	2017-12-16	KOSTTILLÄGG	1998-02-05	P. Appl.
192956701	US	09/569,594	1998-12-10	2002-01-01	6,335,015	2018-12-10	MASTIT	1998-12-10	P. Appl.
192956702	CA	2,314,170	1998-12-10				MASTIT	1998-12-10	P. Appl.
192956703	AU	18972/99	2000-06-08	2002-05-09	743198	2018-12-10	MASTIT	1998-12-10	P. Appl.
192956704	NZ	504801	2000-05-26				MASTIT	1998-12-10	P. Appl.
192956705	JP	2000-538684	1998-12-10				MASTIT	1998-12-10	P. Appl.

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PATENT 7-27

REEL: 017065 FRAME: 0670

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Patent and pending applications in the name of AstaCarolene AB/Zacco Sweden AB/ January 30, 2003

Our ref	Country	Appl. No.	Filing date	Date of Grant	Patent No.	Expiry date	Our short ref. title	Int. fil. date	Typ
192956706	NO	20003042	2000-06-14			2018-12-10	MASTIT	1998-12-10	P. Appln.
192956707	EP	98963702.0	1998-12-10			2018-12-10	MASTIT	1998-12-10	P. Appln.
192963400	AR	P 980106418	1998-11-23				MASTIT		P. Appln.
192911300	SE	9703191-8	1997-09-04	2000-03-27	9703191-8	2017-09-04	MUSKEL		Patent
192954901	EP	98943128.3	1998-08-26			2018-08-26	MUSKEL	1998-08-26	P. Appln.
192954902	US	09/485,704	2000-02-29	2001-06-12	6,245,818	2018-08-26	MUSKEL	1998-08-26	Patent
192954903	CA	2,299,366	2000-02-04			2018-08-26	MUSKEL	1998-08-26	P. Appln.
192954904	JP	2000-508354	2000-03-03				MUSKEL	1998-08-26	P. Appln.
192954905	NO	20001087	2000-03-02			2018-08-26	MUSKEL	1998-08-26	P. Appln.
192954906	PL	P-338 982	2000-03-03				MUSKEL	1998-08-26	P. Appln.
192954907	AU	90989/98	1998-08-26	2000-10-16	727349	2018-08-26	MUSKEL	1998-08-26	Patent
110033201	PC	PCT/SE01/00600	2001-03-21	is the bases for the applications below now expired			NF-kB	2001-03-21	P. Appln.
110033202	EP	01916022.5	2001-03-21				NF-kB	2001-03-21	P. Appln.
110033203	US		2002-09-27				NF-kB	2001-03-21	P. Appln.
110033204	CA		2002-09-24				NF-kB	2001-03-21	P. Appln.
110033205	JP	2001-570257	2002-09-27				NF-kB	2001-03-21	P. Appln.
192925100	SE	9704590-0	1997-12-09	2000-07-24	9704590-0	2017-12-09	SPERMAKVALITET	1998-11-26	Patent
192963501	EP	98958428.9	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192963502	US	09/555,514	2000-06-06	2002-06-25	6,410,602	2018-11-26	SPERMAKVALITET	1998-11-26	Patent
192963503	CA	2,313,633	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192963504	AU	14483/99	1998-11-26	2002-05-09	743456	2018-11-26	SPERMAKVALITET	1998-11-26	Patent
192963505	NO	20002873	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192963506	JP	2000-523984	1998-11-26				SPERMAKVALITET	1998-11-26	P. Appln.
192963507	NZ	504726	2000-05-23	2001-12-17	504726	2018-11-26	SPERMAKVALITET	1998-11-26	Patent
192963508	DE	98958428.9	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192963509	FR	98958428.9	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192963510	HK	01102437.6	1998-11-26			2018-11-26	SPERMAKVALITET	1998-11-26	P. Appln.
192965200	AR	P 980106231	1998-12-09				SPERMAKVALITET	1998-11-26	P. Appln.
110013402	EP	00970399.2	2000-10-05				Th1 suppression	2000-10-05	P. Appln.
110013403	US	10/088,496	2002-03-28				Th1 suppression	2000-10-05	P. Appln.
110013404	CA	2,388,785	2002-03-27				Th1 suppression	2000-10-05	P. Appln.
110013405	AU	79788/00	2002-04-06				Th1 suppression	2000-10-05	P. Appln.
110013406	JP	2001-527786	2002-04-08				Th1 suppression	2000-10-05	P. Appln.
192929502	EP	00966616.5	2000-09-13				VÄXTGEN	2000-09-13	P. Appln.
192929503	US	10/070,412	2002-03-15				VÄXTGEN	2000-09-13	P. Appln.

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Amintym
2005-07-27
PATENT

Patent and pending applications in the name of AstaCarotene AB/Zacco Sweden AB/ January 30, 2003

Our ref	Country	Appl. No.	Filing date	Date of Grant	Patent No.	Expiry date	Our short ref. title	Int. fil. date	Typ
192929504	CA	2,382,444	2002-02-19				VÄXTGEN	2000-09-13	P. Appln.
192929505	AU	76936/00	2002-03-15				VÄXTGEN	2000-09-13	P. Appln.
192929506	NO	20021305	2002-03-15				VÄXTGEN	2000-09-13	P. Appln.
192929507	JP	2001-523782	2002-03-18				VÄXTGEN	2000-09-13	P. Appln.
110090400	US	09/976,255	2001-10-11				Asta-Tocotrienols-Mixtures		P. Appln.
110090500	PC	PCT/US01/32041	2001-10-12				Asta-Tocotrienols-Mixtures	2001-10-12	P. Appln.

Certified to be
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Amal K. Tyagi
2005-07-27

PATENT

REEL: 017065 FRAME: 0672

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ASSIGNMENT

THIS ASSIGNMENT is made the 31 day of January 2003.

BETWEEN AstaCarotene AB in bankruptcy, Idrottsvägen 4, SE-134 40 Gustavsberg, Sweden, a limited liability company established under the laws of Sweden (hereinafter called the "Assignor") of the one part
AND BioProcess Sweden AB, Idrottsvägen 4, SE-134 40 Gustavsberg, Sweden, a limited liability company established under the laws of Sweden (hereinafter called the "Assignee") of the other part.

WHEREAS the Assignor has filed applications to the Registrars of Patents for registration as proprietor thereof under Application Numbers/Registration Numbers as stated in the enclosed appendixes (such applications being hereinafter called the "Applications").

NOW THIS DEED WITNESSETH as follows:

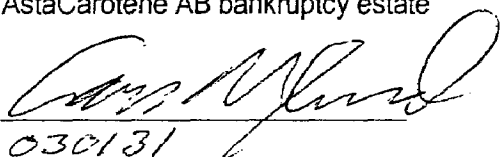
For consideration of the sum of One SEK, paid by the Assignee to the Assignor (the receipt of which is hereby acknowledged by the Assignor) the Assignor hereby assigns unto the Assignee with full title guarantee the said Applications and all the property, right, title and interest in the said Applications/Registration.

IN WITNESS whereof the parties have executed these presents the day and year first above written.

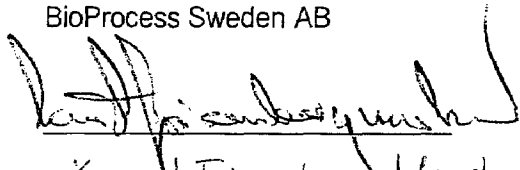
Assignor: AstaCarotene AB bankruptcy estate

Assignee: BioProcess Sweden AB

By:


030131

By:



Name and title: Lars Nylund
Bankruptcy trustee

Name and title: Knud Frisenborg Marken
CEO

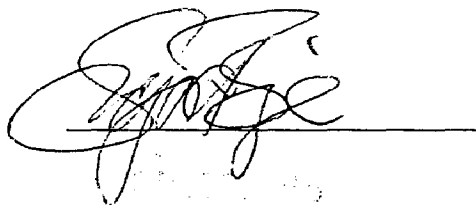
By:

By:

Name and title:

Name and title:

Witnesses:

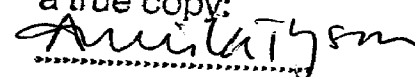


Date:

12 February 2003

08-442 5300
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