

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Hemosol Inc. | 04/30/2004 |

RECEIVING PARTY DATA

| | |
|-----------------|-----------------------|
| Name: | Hemosol LP |
| Street Address: | 2585 Meadowpine Blvd. |
| City: | Mississauga |
| State/Country: | CANADA |
| Postal Code: | L5N 8H9 |

PROPERTY NUMBERS Total: 7

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6479637 |
| Patent Number: | 5679777 |
| Patent Number: | 5759517 |
| Patent Number: | 6194207 |
| Patent Number: | 6361998 |
| Patent Number: | 6500930 |
| Patent Number: | 6974794 |

CORRESPONDENCE DATA

Fax Number: (416)868-0673

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4166017530

Email: sho@mccarthy.ca

Correspondent Name: Anita Nador

Address Line 1: Box 48, Suite 5300, TD Bank Tower

Address Line 4: Toronto, CANADA M5K 1E6

ATTORNEY DOCKET NUMBER:

197782-361458

PATENT

500742147

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CH \$280.00 6479637

NAME OF SUBMITTER:

Anita Nador

Total Attachments: 18

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PATENT ASSIGNMENT

THIS ASSIGNMENT made this 30th day of April, 2004 at Toronto, Ontario, Canada,

BETWEEN the following Parties:

HEMOSOL INC.,

a corporation existing under the laws of the Province of Ontario, whose full post office address is 2585 Meadowpine Blvd., Mississauga, Ontario, Canada L5N 8H9

(hereinafter referred to as the "ASSIGNOR"),

- and -

HEMOSOL LP,

a limited partnership existing under the laws of the Province of Ontario, by its general partner, HEMOSOL CORP., a corporation existing under the laws of the Province of Ontario, whose full post office address is 2585 Meadowpine Blvd., Mississauga, Ontario, Canada L5N 8H9

(hereinafter referred to as the "ASSIGNEE").

WHEREAS, the ASSIGNEE is the owner of the full and entire and exclusive right and title and interest in the inventions disclosed and claimed in the patent and patent applications listed on Schedule A, B and C attached hereto.

AND WHEREAS, the ASSIGNEE has acquired from the ASSIGNEE the whole right, title and interest for the United States of America, Canada and all other countries and jurisdictions in the world in and to the said inventions including those described in the patents and patent applications listed in Schedules A, B and C attached hereto, and in and to any Letters Patent that may be obtained therefor, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, including but not necessarily limited to the terms and conditions set out in the CONTRIBUTION AGREEMENT executed between the Parties on April 30, 2004, the receipt of all of which is hereby acknowledged, the ASSIGNEE, by these presents confirm that it has sold, assigned and transferred and does hereby sell, assign and transfer unto the said ASSIGNEE, the full and exclusive right to the said inventions in the United States of America, Canada and all other countries and jurisdictions in the world including in the patents and applications listed in Schedules A , B and C attached hereto, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said applications and patents, together with any priority documents therefor and the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on any said patents applications, the right to claim damages for any past third party infringement

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of said patents and patent applications and any and all copyright, moral rights and waivers thereof in said patents and applications.

The ASSIGNOR agrees that it will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries and jurisdictions, and to vest title thereto in said ASSIGNEE, his successors, assigns and legal representatives or nominees.

The ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said ASSIGNEE, the ASSIGNEE of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by the ASSIGNOR had this assignment and sale not been made.

The ASSIGNEE hereby accepts the above assignment.

IN WITNESS of which the Parties have duly executed this agreement as of the above date.


HEMOSOL INC.

Signature

Name (Print): JONATHAN WOLCH

Title: Asst SECRETARY

WITNESS STATEMENT

I, Ivana Botzera, whose full post office address is
450 Walmer Rd, #1407, Toronto ON M5P 2X8 declare and say:
That the signature on the attached assignment is the signature of Jonathan Welch
who is personally known to me to be the Assistant secretary
of Hemosol Inc.

Signed at Toronto this 30th day of April, 2004.


Signature

HEMOSOL LP

Signature

Name (Print): JONATHAN WOLCH

Title: ASST SECRETARY OF HEMOSOL CORP
AS THE GENERAL PARTNER OF HEMOSOL LP

WITNESS STATEMENT

I, Irana Kotleva, whose full post office address is
450 Walmer Rd., #1407, Toronto ON M5P 2X8 declare and say:
That the signature on the attached assignment is the signature of Jonathan Wolch
who is personally known to me to be the Assistant Secretary of Hemosol Corp. as the general partner
of Hemosol LP.

Signed at Toronto this 30th day of April, 2004.

Kotleva

Signature

Hemosol Inc.**SCHEDULE A**

April, 2004
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| Matter No. | Patent Family | Country | Title | Applicant | Inventors | Application No. | Filing Date | Patent No. | Registration Date | Due Date |
|------------|---------------|--------------------|---|--------------|---|-----------------|--------------------|------------|-------------------|---|
| 113 | 11 | China | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94190708.2 | September 20, 1994 | 53091 | January 15, 2000 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 114 | 11 | Hungary | DISPLACEMENT-CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | P9501479 | September 20, 1994 | 218159 | May 5, 2000 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 115 | 11 | Austria | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 116 | 11 | Russian Federation | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 95112503 | September 20, 1994 | 2145873 | February 27, 2000 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 117 | 11 | Belgium | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 118 | 11 | Switzerland | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 119 | 11 | Italy | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 120 | 11 | Sweden | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 121 | 11 | Australia | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 76503/94 | September 20, 1994 | 681438 | December 18, 1997 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 122 | 11 | Germany | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 123 | 11 | Denmark | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |

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Hemosol Inc.

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|-----|----|---------------------------|--|--------------|---|----------------|--------------------|---------|------------------|--|
| 124 | 11 | France | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 9426756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 125 | 11 | Netherlands | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RESP Aug 30, 2004 RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 126 | 11 | Ireland | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 9426756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 127 | 11 | Spain | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 128 | 11 | United Kingdom | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 130 | 11 | Canada | DISPLACEMENT CHROMATOGRAPHY PROCESS | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 2106612 | September 21, 1993 | 2106612 | February 6, 2000 | MAINFE Sep 21, 2004 MAINFE Sep 21, 2005 EXPIRE Sep 21, 2013 |
| 132 | 11 | Poland | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | P-309034 | September 20, 1994 | 179525 | March 2, 2000 | RENEW Sep 20, 2004 RENEW Sep 20, 2005 RENEW Sep 20, 2006 EXPIRE Sep 20, 2014 |
| 154 | 11 | Japan | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 509458/95 | September 20, 1994 | | | INSTRIC Apr 13, 2004 RESP Apr 27, 2004 CHECK May 01, 2004 EXPIRE Sep 20, 2014 |
| 155 | 11 | European Patent Office | DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT) | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | 94926756.1 | September 20, 1994 | 668877 | January 20, 1999 | National Phase Entered |
| 161 | 11 | Patent Cooperation Treaty | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | PCT/CN94/00514 | September 20, 1994 | | 00/00/00 | National Phase Entered |
| 170 | 11 | Slovak Republic | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | 1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony | PV0678-95 | September 20, 1994 | 281839 | May 9, 2001 | WORK May 09, 2004 RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |

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| 171 | 11 | Korea (PCT NAT) | DISPLACEMENT CHROMATOGRAPHY PROCESS | Hemosol Inc. | September 20, 1994 95-701487 | November 8, 2002 361894 | RENEW Nov 08, 2005 WORK Nov 08, 2005 EXPIRE Sep 21, 2014 |
| 174 | 11 | Czech Republic | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | September 20, 1994 PV 1287-95 | October 27, 2000 287589 | RENEW Sep 20, 2004 EXPIRE Sep 20, 2014 |
| 178 | 11 | Mexico | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | September 21, 1994 947260 | March 22, 1999 191532 | RENEW Sep 21, 2004 EXPIRE Sep 21, 2014 |
| 179 | 11 | Ukraine | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | September 20, 1994 95058439 | April 16, 2001 35599 | WORK Apr 16, 2004 RENEW Sep 20, 2004 EXPIRE Sep 19, 2014 |
| 182 | 11 | Israel | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | February 19, 1995 112698 | April 2, 2000 112698 | RENEW Feb 19, 2005 EXPIRE Feb 19, 2015 |
| 187 | 11 | South Africa | DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT | Hemosol Inc. | February 9, 1995 95/01034 | December 27, 1995 95/01034 | RENEW Feb 09, 2005 EXPIRE Feb 09, 2015 |
| 215 | 11 | U.S.A. | DISPLACEMENT CHROMATOGRAPHY PROCESS | Hemosol Inc. | January 27, 1994 08/187316 | August 8, 1995 5439591 | RENEW Feb 08, 2007 EXPIRE Jan 27, 2014 |
| 222 | 11 | U.S.A. | DISPLACEMENT CHROMATOGRAPHY PROCESS | Hemosol Inc. | March 20, 1995 406148 | August 13, 1996 5545328 | RENEW Feb 13, 2008 EXPIRE Jan 27, 2014 |
| 331 | 12 | U.S.A. | CROSSLINKED HEMOGLOBIN PRODUCT COMPRISING TETRAMERIC AND OLIGOMERIC HEMOGLOBIN | Hemosol Inc. | June 28, 1996 672868 | June 23, 1998 5770727 | RENEW Dec 23, 2005 RENEW Dec 23, 2009 EXPIRE Mar 16, 2013 |
| 332 | 12 | Australia | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHA...(PCT NAT) | Hemosol Inc. | March 11, 1994 61793/94 | March 11, 1994 66294 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 334 | 12 | European Patent Office | SELECTIVE CROSSLINKING OF HEMOGLOBINS.....(PCT NAT) | Hemosol Inc. | March 11, 1994 94908913 | December 11, 1996 646130 | National Phase Entered |
| 335 | 12 | China | SELECTIVE CROSSLINKING OF HEMOGLOBIN.....(PCT NAT) | Hemosol Inc. | March 11, 1994 94190130 | August 21, 1999 47987 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |

Hemosol Inc.

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|-----|----|---------------------------|--|--------------|--|----------------|----------------|----------|------------------------|---|
| 175 | 12 | Japan | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 520446/94 | March 11, 1994 | 2594241 | December 19, 1996 | RENEW Dec 19, 2004 EXPIRE Mar 11, 2014 |
| 176 | 12 | Korea | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94-703254 | March 11, 1994 | 306000 | August 3, 2001 | RENEW Aug 03, 2004 EXPIRE Mar 11, 2014 |
| 210 | 12 | Patent Cooperation Treaty | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | PCT/CA94/00140 | March 11, 1994 | 00/00/00 | National Phase Entered | |
| 212 | 12 | U.S.A. | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 281945 | April 21, 1994 | 5532382 | July 2, 1996 | RENEW Jan 02, 2008 EXPIRE Jul 02, 2013 |
| 216 | 12 | New Zealand | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 262349 | March 11, 1994 | 262349 | September 17, 1996 | RENEW Mar 11, 2007 EXPIRE Mar 11, 2014 |
| 221 | 12 | Canada | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 2131455 | March 11, 1994 | 2131455 | August 18, 1998 | MAINE Mar 11, 2005 MAINE Mar 11, 2006 EXPIRE Mar 11, 2014 |
| 223 | 12 | Mexico | SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 941895 | March 15, 1994 | 191548 | March 24, 1999 | RENEW Mar 31, 2009 EXPIRE Mar 15, 2014 |
| 326 | 12 | Belgium | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 327 | 12 | Switzerland | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, D. 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 328 | 12 | Germany | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, D. 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 329 | 12 | Denmark | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 330 | 12 | Spain | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 331 | 12 | France | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 332 | 12 | Ireland | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swei | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |

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Hemosol Inc.**SCHEDULE A****April, 2004**
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|-----|----|----------------|---|--------------|--|----------|----------------|--------|-------------------|---|
| 333 | 12 | Austria | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES/SELECT | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 334 | 12 | Italy | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 335 | 12 | Netherlands | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 336 | 12 | Sweden | SELECTIVE CROSSLINKING OF HEMOGLOBINS | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |
| 337 | 12 | United Kingdom | SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES | Hemosol Inc. | 1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee | 94908913 | March 11, 1994 | 646130 | December 11, 1996 | RENEW Mar 11, 2005 EXPIRE Mar 11, 2014 |

Hemosol Inc.**SCHEDULE B**

April, 2004
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| Matter No. | Patent Family | Country | Title | Applicant | Inventors | Application No. | Filing Date | Patient No. | Registration Date | Due Date |
|------------|---------------|------------------------|---|--------------|--|-----------------|------------------|-------------|---|---|
| 252 | 1 | Japan | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT) | Hemosol Inc. | 1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin | 2000-579719 | November 4, 1999 | 00/00/00 | CHECK Nov 04, 2004 EXAM Nov 04, 2006 | |
| 253 | 1 | U.S.A. | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT) | Hemosol Inc. | 1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin | 09/607987 | July 30, 2001 | 6537812 | March 25, 2008 | RENEW Sep 25, 2006 RENEW Sep 25, 2010 RENEW Sep 25, 2014 EXPIRE Nov 04, 2019 |
| 254 | 1 | Canada | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS | Hemosol Inc. | 1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin | 2849629 | November 4, 1999 | 00/00/00 | EXAM Nov 04, 2004 MAINFE Nov 04, 2004 MAINFE Nov 04, 2005 | |
| 255 | 1 | European Patent Office | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA (PCT NAT) | Hemosol Inc. | 1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin | 98953463.9 | November 4, 1999 | 00/00/00 | CHECK Apr 04, 2004 RENEW Nov 04, 2004 | |
| 256 | 1 | Australia | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS | Hemosol Inc. | 1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin | 10219700 | November 4, 1999 | 753873 | July 24, 2003 | RENEW Nov 04, 2004 WORK Jul 24, 2006 EXPIRE Nov 04, 2019 |
| 257 | 1 | New Zealand | METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. 3. HEDGE, Phyllis R. | 511760 | November 4, 1999 | 511760 | February 9, 2004 | RENEW Nov 04, 2006 WORK Feb 09, 2007 EXPIRE Nov 04, 2019 |
| 80 | 2 | U.S.A. | METHOD FOR THE SELECTIVE EXPANSION OF LYMPHOCYTES BY IN VITRO CULTIVATION | Hemosol Inc. | 1. BELL, David N. 2. WONG, Truman | 09/016784 | January 30, 1998 | 6194207 | February 27, 2001 | RENEW Aug 27, 2004 RENEW Aug 27, 2008 EXPIRE Jan 30, 2018 |
| 86 | 2 | Canada | METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. WONG, Truman | 2278847 | January 30, 1998 | 00/00/00 | LATEMF Jan 30, 2005 MAINFE Jan 30, 2005 PAREQ Feb 25, 2005 MAINFE Jan 30, 2006 | |
| 87 | 2 | Australia | METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. WONG, Truman | 5744798 | January 30, 1998 | 738538 | January 3, 2002 | RESP Jul 03, 2004 RWEXT Jul 30, 2004 WORK Jan 03, 2005 EXPIRE Jan 30, 2018 |
| 88 | 2 | European Patent Office | METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. WONG, Truman | 98901286.9 | January 30, 1998 | 00/00/00 | CHECK May 13, 2004 RWEXT Jul 30, 2004 | |
| 89 | 2 | Japan | METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. WONG, Truman | 5324021998 | January 30, 1998 | 00/00/00 | CHECK Apr 27, 2004 | |

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| 107 | 3 | Australia | DEVELOPMENT OF REGULATORY CELLS (PCT NAT) | Hemosol Inc. | 1. BELL, David 2. DELOVICH, Terry 3. Gao, Jian-Xin | 22606/99 | January 28, 1999 | 756716 | May 8, 2003 | R/MENT Jul 28, 2004 WORK May 08, 2006 EXPIRE Jan 28, 2019 |
| 83 | 4 | U.S.A. | EFFICIENT CULTURE OF STEM CELLS FOR THE PRODUCTION OF HEMOGLOBIN | Hemosol Inc. | 1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G. | 09/359838 | June 25, 1999 | 6361998 | March 26, 2002 | RENEW Sep 26, 2005 RENEW Sep 26, 2009 RENEW Sep 26, 2013 EXPIRE Jun 25, 2019 |
| 243 | 4 | Canada | THE EFFICIENT CULTURE OF STEM..... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G. | 2331776 | June 25, 1999 | | 00/00/00 | EXAM Jun 25, 2004 MAINFE Jun 25, 2004 MAINFE Jun 25, 2005 |
| 244 | 4 | European Patent Office | THE EFFICIENT CULTURE OF STEM... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G. | 99928951.5 | June 25, 1999 | | 00/00/00 | CHECK Apr 10, 2004 RENEW Jun 25, 2004 |
| 248 | 4 | Australia | THE EFFICIENT CULTURE OF STEM... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G. | 45956/99 | June 25, 1999 | 760883 | September 4, 2003 | RENEW Jun 25, 2004 WORK Sep 04, 2006 EXPIRE Jun 25, 2019 |
| 94 | 5 | U.S.A. | EFFICIENT EX VIVO EXPANSION OF CD4+ AND CD8+ T-CELLS FROM HIV INFECTED SUBJECTS | Hemosol Inc. | 1. BELL, David N. 2. ROSENTHAL, Kenneth L. | 09/296402 | April 23, 1999 | 6610542 | August 26, 2003 | RENEW Feb 26, 2007 RENEW Feb 26, 2011 RENEW Feb 26, 2015 EXPIRE Apr 23, 2019 |
| 199 | 5 | Canada | EFFICIENT EX VIVO EXPANSION.... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. ROSENTHAL, Kenneth L. | 2326378 | April 23, 1999 | | 00/00/00 | EXAM Apr 23, 2004 MAINFE Apr 23, 2004 MAINFE Apr 23, 2005 |
| 200 | 5 | European Patent Office | EFFICIENT EX VIVO EXPANSION... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. ROSENTHAL, Kenneth L. | 98917710.8 | April 23, 1999 | | 00/00/00 | RENEW Apr 23, 2004 |
| 201 | 5 | Australia | EFFICIENT EX VIVO EXPANSION... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. ROSENTHAL, Kenneth L. | 35911/99 | April 23, 1999 | | 00/00/00 | CHECK Apr 13, 2004 RENEW Apr 23, 2004 FILE Apr 29, 2004 FOLLOW Apr 29, 2004 ACCEPT Jul 23, 2004 |
| 203 | 5 | South Africa | EFFICIENT EX VIVO EXPANSION... (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. ROSENTHAL, Kenneth L. | 2000/6837 | April 23, 1999 | 2000/6837 | July 25, 2001 | RENEW Apr 23, 2004 WORK Jul 25, 2004 EXPIRE Apr 23, 2019 |
| 97 | 6 | Australia | ENHANCED STIMULATION OF ERYTHROPOEISIS (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 40655/97 | August 27, 1997 | 733714 | September 6, 2001 | RENEW Aug 27, 2004 WORK Sep 06, 2004 EXPIRE Aug 27, 2017 |

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| 98 | 6 | Canada | ENHANCED STIMULATION OF ERYTHROPOEISIS (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 2263978 | August 27, 1997 | 00/00/00 | PAREQ Apr 10, 2004 MAINFE Aug 27, 2004 MAINFE Aug 27, 2005 |
| 99 | 6 | European Patent Office | ENHANCED STIMULATION OF ERYTHROPOEISIS (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 97937379.2 | August 27, 1997 | 939644 | January 14, 2004 CHECK Apr 01, 2004 GRANT Apr 14, 2004 REGRRT Jul 14, 2004 RENEW Aug 27, 2004 |
| 100 | 6 | Japan | ENHANCED STIMULATION OF ERYTHROPOEISIS (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 511161998 | August 27, 1997 | 00/00/00 | CHECK Jul 27, 2004 EXAM Aug 27, 2004 |
| 272 | 6 | Australia | ENHANCED STIMULATION OF ERYTHROPOEISIS (DIV.) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 65462/01 | August 24, 2001 | 765856 | January 15, 2004 CHECK Jun 15, 2004 RESP Jul 15, 2004 RENEW Aug 27, 2004 WORK Jan 15, 2007 EXPIRE Aug 27, 2017 |
| 274 | 6 | U.S.A. | ENHANCED STIMULATION OF ERYTHROPOEISIS (CONT.) | Hemosol Inc. | 1. BELL, David N. 2. MUELLER, Susan G. | 09/985218 | October 9, 2001 | 00/00/00 | OARECD Apr 14, 2004 FILE Apr 22, 2004 |
| 151 | 7 | U.S.A. | HEMOGLOBIN-HAPTOGLOBIN COMPLEXES | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 09/302351 | April 30, 1999 | 6479637 | November 12, 2002 RENEW May 12, 2006 RENEW May 12, 2010 RENEW May 12, 2014 EXPIRE Apr 30, 2019 |
| 194 | 7 | Japan | HEMOGLOBIN-HAPTOGLOBIN.....(PCT NAT)(SEE DIV 6704-364 INVENTION 16) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 2000-546750 | April 30, 1999 | 00/00/00 | CHECK Apr 01, 2004 EXAM Apr 30, 2006 |
| 195 | 7 | Australia | HEMOGLOBIN · HAPTOGLOBIN (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 36960/99 | April 30, 1999 | 760211 | August 21, 2003 RENEW Apr 30, 2004 WORK Aug 21, 2006 EXPIRE Apr 30, 2019 |
| 196 | 7 | New Zealand | HEMOGLOBIN · HAPTOGLOBIN (PCT NAT)(SEE DIV 6704-374 INVENTION 16) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 508423 | April 30, 1999 | 00/00/00 | CHECK Apr 01, 2004 CHECK Jun 01, 2004 |
| 197 | 7 | European Patent Office | HEMOGLOBIN · HAPTOGLOBIN (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 99919005.1 | April 30, 1999 | 00/00/00 | RENEW Apr 30, 2004 |
| 261 | 7 | Canada | HEMOGLOBIN · HAPTOGLOBIN (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 2326720 | April 30, 1999 | 00/00/00 | EXAM Apr 30, 2004 MAINFE Apr 30, 2004 MAINFE Apr 30, 2005 |
| | | Hong Kong | HEMOGLOBIN-HAPTOGLOBIN | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine | 1105384.2 | April 30, 1999 | 00/00/00 | CHECK May 01, 2004 RENEW Apr 30, 2007 |

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| 346 | 7 | U.S.A. | HEMOGLOBIN-HAPTOGLOBIN COMPLEXES (Continuation of 6704-151) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M.S. Celine | 10/23/1062 | August 30, 2002 | 00/00/00 | OAR/CD May 01, 2004 |
| 262 | 8 | Korea | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 2001-7011246 | March 20, 2000 | 00/00/00 | CHECK Jan 20, 2005 EXAM Mar 20, 2005 |
| 263 | 8 | Japan | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 2000-606271 | March 20, 2000 | 00/00/00 | CHECK Jan 28, 2005 EXAM Mar 20, 2007 |
| 264 | 8 | Canada | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 2366333 | March 20, 2000 | 00/00/00 | EXAM Mar 20, 2005 MAINFE Mar 20, 2005 MAINFE Mar 20, 2006 |
| 265 | 8 | European Patent Office | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 910473.8 | March 20, 2000 | 00/00/00 | RENEW Mar 20, 2005 |
| 266 | 8 | Australia | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 32690/00 | March 20, 2000 | 00/00/00 | CHECK Sep 15, 2004 RENEW Mar 20, 2005 |
| 267 | 8 | New Zealand | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 513933 | March 20, 2000 | 513933 | January 5, 2004 RENEW Mar 20, 2007 EXPIRE Mar 20, 2020 |
| 268 | 8 | U.S.A. | HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 09/926167 | January 8, 2002 | 00/00/00 | CHECK Apr 01, 2004 RESP Apr 12, 2004 FINOA May 12, 2004 APPEAL Aug 12, 2004 |
| 308 | 8 | Hong Kong | HEMOGLOBIN-ANTIOXIDANT (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A. | 2103628 | May 22, 2002 | 00/00/00 | CHECK Dec 01, 2004 RENEW Mar 20, 2008 |
| 111 | 9 | U.S.A. | HEMOGLOBIN-POLYSACCHARIDE CONJUGATES | Hemosol Inc. | 1. ADAMSON, J. Gordon | 09/276686 | March 26, 1999 | 6500930 | December 31, 2002 RENEW Jun 30, 2010 RENEW Jun 30, 2014 EXPIRE Mar 26, 2019 |
| 162 | 9 | Japan | HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 2002-540859 | March 25, 1999 | 00/00/00 | CHECK Mar 25, 2004 EXAM Mar 25, 2006 |
| 163 | 9 | New Zealand | HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 507383 | March 25, 1999 | 00/00/00 | CHECK Apr 01, 2004 |
| 164 | 9 | Canada | HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 2326715 | March 25, 1999 | 00/00/00 | MAINFE Mar 25, 2005 MAINFE Mar 25, 2006 |
| 165 | 9 | European Patent Office | HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 95910061.3 | March 25, 1999 | 00/00/00 | CHECK Mar 25, 2004 RENEW Mar 25, 2005 |

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| 166 | 9 | Australia | HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 29180/99 | March 25, 1999 | 759595 | July 31, 2003 | RENEW Mar 25, 2005 WORK Jul 31, 2006 EXPIRE Mar 25, 2019 |
| 167 | 9 | Russian Federation | HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 2000127106 | March 25, 1999 | | 00/00/00 | CHECK Apr 01, 2004 RENEW Mar 25, 2005 RENEW Mar 25, 2006 RENEW Mar 25, 2007 |
| 168 | 9 | China | HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT) | Hemosol Inc. | 1. ADAMSON, J. Gordon | 99806176 X | March 25, 1999 | | 00/00/00 | INSTRC Apr 06, 2004 RESP Apr 20, 2004 RENEW Mar 25, 2005 |
| 258 | 9 | Hong Kong | HEMOGLOBIN - POLYSACCHARIDE CONJUGATES | Hemosol Inc. | 1. ADAMSON, J. Gordon | 1104080.2 | June 14, 2001 | | 00/00/00 | CHECK Jul 05, 2004 RENEW Mar 25, 2007 |
| 357 | 9 | U.S.A. | HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (Continuation of 6704-111) | Hemosol Inc. | Adamson, J. Gordon | 10/803777 | November 26, 2002 | | 00/00/00 | OARECD Jun 01, 2004 |
| 232 | 13 | U.S.A. | **HEMOGLOBINS AS DRUG DELIVERY AGENTS | ** Hemosol Inc. | David C. Anderson; Anthony James Matthews | 08/457753 | June 1, 1995 | 5759517 | June 2, 1998 | RENEW Dec 02, 2005 RENEW Dec 02, 2009 EXPIRE Jun 02, 2015 |
| 233 | 13 | Canada | **HEMOGLOBINS AS DRUG DELIVERY AGENTS | ** Hemosol Inc. | 1. ANDERSON, David C. 2. MATHEWS, Anthony J. | 2122717 | November 6, 1992 | 2122717 | July 15, 2003 | MAINFEE Nov 06, 2004 MAINFEE Nov 06, 2005 EXPIRE Nov 06, 2012 |
| 234 | 13 | Japan | **HEMOGLOBINS AS DRUG DELIVERY AGENTS (PCT NAT) | ** Hemosol Inc. | 1. ANDERSON, David C. 2. MATHEWS, Anthony J. | 508781/93 | November 6, 1992 | 3426599 | May 9, 2003 | WORK May 08, 2006 RENEW May 09, 2006 EXPIRE Nov 06, 2012 |
| 236 | 13 | Australia | **HEMOGLOBINS AS DRUG DELIVERY AGENTS | ** Hemosol Inc. | 1. ANDERSON, David C. 2. MATHEWS, Anthony J. | 31324/93 | November 6, 1992 | 665599 | January 11, 1996 | RENEW Nov 06, 2004 EXPIRE Nov 06, 2012 |
| 237 | 13 | European Patent Office | **HEMOGLOBINS AS DRUG DELIVERY AGENTS | ** Hemosol Inc. | 1. ANDERSON, David C. 2. MATHEWS, Anthony J. | 92925154.4 | November 6, 1992 | 611306 | July 8, 1998 | RENEW Nov 06, 2004 EXPIRE Nov 06, 2012 |
| 238 | 13 | U.S.A. | **HEMOGLOBINS AS DRUG DELIVERY AGENTS | ** Hemosol Inc. | 1. ANDERSON, David C. 2. MATHEWS, Anthony J. | 08/240711 | July 12, 1994 | 5679777 | October 21, 1997 | RENEW Apr 21, 2005 RENEW Apr 21, 2009 EXPIRE Oct 21, 2014 |
| 335 | 14 | Canada | PRODUCTION OF TCR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 2405050 | April 3, 2001 | | 00/00/00 | MAINFEE Apr 03, 2004 MAINFEE Apr 03, 2005 EXAM Apr 03, 2006 |
| 340 | 14 | U.S.A. | PRODUCTION OF TCR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 10/239854 | April 3, 2001 | | 00/00/00 | OARECD Jul 09, 2004 |

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| ICR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 2001248162 | April 3, 2001 | 00/00/00 | CHECK Jan 31, 2005 RENEW Apr 03, 2006 |
| ICR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 522337 | April 3, 2001 | 00/00/00 | CHECK Aug 12, 2004 |
| ICR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 2001-572946 | April 3, 2001 | 00/00/00 | CHECK Apr 03, 2004 EXAM Apr 03, 2008 |
| ICR GAMMA (PCT NAT) | Hemosol Inc. | 1. BELL, David N. 2. SKEA, Danna L. | 3103917.1 | April 3, 2001 | 00/00/00 | CHECK Dec 01, 2004 RENEW Apr 03, 2009 |
| DUCTION VIA ACTIVATION OF SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2801429.4 | March 26, 2002 | 00/00/00 | RECORD Jun 17, 2004 |
| DUCTION VIA ACTIVATION OF SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2002-7016020 | March 26, 2002 | 00/00/00 | EXAM Mar 26, 2006 |
| DUCTION VIA ACTIVATION OF SCAVENGER ... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 200207118-1 | March 26, 2002 | 00/00/00 | CHECK Jul 26, 2004 |
| DUCTION VIA ACTIVATION OF SCAVENGER ... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2002/9437 | March 26, 2002 | 00/00/00 | CHECK Jun 20, 2004 RENEW Mar 26, 2005 |
| DUCTION VIA ACTIVATION OF SCAVENGER ... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2002-575014 | March 26, 2002 | 00/00/00 | CHECK Aug 26, 2004 EXAM Mar 26, 2005 |
| DUCTION VIA ACTIVATION OF SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2002247577 | March 26, 2002 | 00/00/00 | PAREQ Jun 26, 2004 CHECK Jun 26, 2005 EXAM Jun 26, 2007 RENEW Jun 26, 2007 |
| DUCTION VIA ACTIVATION OF SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | | March 26, 2002 | 00/00/00 | ASG Sep 24, 2004 MAINFE Mar 26, 2005 MAINFE Mar 26, 2006 EXAM Mar 26, 2007 |

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| 368 | 15 | European Patent Office | BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2716567.9 | March 26, 2002 | 00/00/00 | CHECK May 02, 2004 RECORD Jul 02, 2004 CHECK Dec 01, 2004 RENEW Mar 26, 2005 |
| 369 | 15 | U.S.A. | BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 2716567.9 | March 26, 2002 | 00/00/00 | INFODS Apr 13, 2004 FRRECD Apr 24, 2004 OARECD Apr 24, 2004 MPART Mar 26, 2004 |
| 370 | 15 | New Zealand | BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER... (PCT NAT) | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 528832 | March 26, 2002 | 00/00/00 | RENEW Mar 26, 2006 |
| 364 | 16 | Australia | HEMOGLOBIN/HAPTOGLOBIN COMPLEXES (Divisional of 6704-195) | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M.S. Celine | 2003231664 | August 8, 2003 | 00/00/00 | RENEW Apr 30, 2004 CHECK Mar 05, 2005 |

Hemosol Inc.

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U.S. PROVISIONAL PATENT APPLICATIONS

April, 2004
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| Matter No. | Patent Family | Country | Title | Applicant | Inventors | Application No. | Filing Date | Patent No. | Registration Date | Due Date |
|------------|---------------|---------|---|--------------|---|-----------------|------------------|------------|-------------------|----------|
| 361 | 16 | U.S.A. | HEMOGLOBIN-RIBAVIRIN CONJUGATE FOR THE TREATMENT OF VIRAL INFECTIONS | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. BELL, David N. 3. NG, Nancy 4. BIESSELS, Pieter | 60/470445 | May 15, 2003 | | 00/00/00 | |
| 372 | 16 | U.S.A. | RIBAVIRIN CONJUGATES | Hemosol Inc. | 1. ADAMSON, J. Gordon 2. BELL, David N. 3. NG, Nancy 4. BIESSELS, Peter | 60/513575 | October 24, 2003 | | 00/00/00 | |

Hemosol Inc.
SCHEDULE C2
U.S. PROVISIONAL PATENT APPLICATIONS

| April, 2004 Privileged and Confidential | | | |
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| Matter No. | Patent Family | Country | Title |
| 371 | 19 | U.S.A. | NOVEL HEMOGLOBIN SCAVENGER RECEPTOR |
| | | | Hemosol Inc. |
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| Applicant | Inventors | Application No. | Filing Date | Patent No. | Registration Date | Due Date |
|-----------|---|-----------------|---------------|------------|-------------------|----------|
| | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E | 60/551071 | March 9, 2004 | | 00/00/00 | |
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RECORDED: 12/30/2008

Hemosol Inc.

SCHEDULE C3

U.S. PROVISIONAL PATENT APPLICATIONS

| Matter No. | Patent Family | Country | Title | Applicant | Inventors | Application No. | Filing Date | Patent No. | Registration Date | Due Date |
|------------|---------------|---------|---|--------------|--|-----------------|---------------|------------|-------------------|----------|
| 377 | 20 | U.S.A. | A METHOD OF INCREASING CD163 EXPRESSION | Hemosol Inc. | 1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E. | 60/551070 | March 9, 2004 | | 00/00/00 | |

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