# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Labopharm Inc.	03/22/2004

#### **RECEIVING PARTY DATA**

Name:	Labopharm Europe Limited
Street Address:	5, The Seapoint Building
Internal Address:	44/45 Clontarf Road
City:	Dublin 3
State/Country:	IRELAND

Name:	Labopharm (Barbados) Limited	
Street Address:	Worthing Corporate Centre	
Internal Address:	Worthing Main Road	
City:	Christ Church	
State/Country:	BARBADOS	

## PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	6939564
Patent Number:	6780428

## **CORRESPONDENCE DATA**

Fax Number: (617)523-1231

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

Phone: 617-570-1000

Email: LPenta@goodwinprocter.com

Correspondent Name: Patent Administrator
Address Line 1: Goodwin Procter LLP
Address Line 2: Exchange Place

Address Line 4: Boston, MASSACHUSETTS 02109

PATENT

500621415 REEL: 021387 FRAME: 0516

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ATTORNEY DOCKET NUMBER:	LAB
NAME OF SUBMITTER:	Charlene Stern-Dombal
Total Attachments: 10	
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PATENT REEL: 021387 FRAME: 0517

#### CONFIRMATION OF ASSIGNMENT OF INVENTION

## UNIVERSAL

WHEREAS Labopharm Inc. (the "assignor"), whose full address is 480 Armand Frappier Blvd, Laval, Quebec, Canada H7V 4B4, assigned on December 30, 2002 a portion of its rights in patents and patent applications listed in the Schedule to Assignment attached hereto, jointly and severally to 1) LABOPHARM EUROPE LIMITED; and 2) LABOPHARM (BARBADOS) LIMITED whose full addresses are 1) 5, The Seapoint Building, 44/45 Clontarf Road, Dublin 3, Ireland; and 2) Worthing Corporate Centre, Worthing Main Road, Christ Church, Barbados (hereinafter referred to as the "assignees"); and

WHEREAS the assignor and the assignee are desirous of confirming this past assignment;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, the assignor has and by these presents does hereby confirm the sale, assignment and transfer unto said assignees, their successors and assigns two thirds (2/3) of the assignor's entire right, title and interest in said invention as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications based thereon filed in any foreign country, including the right to file said foreign applications under the provisions of the Patent Cooperation Treaty and under the Paris Convention; the assignor's entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and the assignor hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said assignee.

The assignor further agrees without any payment by said assignees other than expenses incurred by the undersigned, to communicate to said assignees, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon the assignor heirs, legal representatives, administrators and assigns.

Le(s) soussigné(s) désire(nt) que la présente cession soit en anglais. The undersigned request(s) that the present assignment be in English.

PATENT REEL: 021387 FRAME: 0518 IN WITNESS WHEREOF, the assignor and assignees have hereunto set their hand(s) and seal.

WITNESS(ES)

DATE

**ASSIGNOR** 

MAR 2 2 2004

LABOPHARM INC.

WITNESS(ES)

DATE

ASSIGNEES

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Effective on December 30, 2002

**PATENT** 

**REEL: 021387 FRAME: 0519** 

#### SCHEDULE TO ASSIGNMENT

Use of Cross-Linked Amylose as a Matrix for the Slow Release of Biologically active compounds

Inventors: MATEESCU, Mircea A.; LENAERTS, Vincent; DUMOULIN, Yves

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION/ PATENT NUMBER	ISSUANCE DATE
Canada (GGD)	May 3, 1991	2.041.774	April 19, 1994
U.S. (Foley & Lardner)	February 9, 1994	08/194,126	October 10, 1995
		5.456.921	

CROSS-LINKED ENZYMATICALLY CONTROLLED DRUG RELEASE (CROSS-LINKED POLYHYDROXYLIC MATERIAL FOR ENZYMATICALLY CONTROLLED DRUG RELEASE)

Inventors: MATEESCU, Mircea A.; DUMOULIN, Yves; CARTILIER, Louis; LENAERTS, Vincent COUNTRY (ASSOCIATE FILING DATE PATENT APPLICATION/ ISSUANCE DATE AGENT) PATENT NUMBER New Zealand July 22, 1993 254.048 January 8, 1996 (Baldwin, Shelston Ex PCT Waters) July 22, 1993 Europe 93915611.3 May 8, 1996 (Cabinet Germain & 651.634 Ex PCT Maureau) Australia July 22, 1993 45559/93 September 4, 1996 668.198 (Spruson & Ferguson) Ex PCT U.S. (Foley & Lardner) June 16, 1994 08/261,228 February 18, 1997 5,603.956 934459 Mexico July 23, 1993 September 9, 1997 (Basham, Ringe y 185876 Correa, S.C.) Ex PCT July 22, 1993 P 307234 October 7, 1997 Poland (Polservice) 173249 Czech Republic PV 152/95 February 11, 1998 July 22, 1993 283395 (Patentsservis praha) Ex-PCT July 22, 1993 95 107880 September 10, 1999 Russia (Sojus Patent) Ex-PCT 2,136,270 2.140.032 Canada July 22, 1993 January 26, 1999 (GGD) Ex-PCT Norway July 22, 1993 950251 July 10, 2000 308024 (Onsagers AS) Ex-PCT July 22, 1993 504 048/94 N/A Japan (Susuye & Susuye) Ex-PCTSouth Korea July 22, 1993 10-1995-0700243 July 25, 2001 (Central International 304997 Law firm) Ex-PCT July 22, 1993 P9500197 Hungary September 9, 2002 Ex-PCT (Pub. May 28, 1997) 221591 (Danubia)

1/8

PHARMACEUTICAL CONTROLLED RELEASE TABLETS CONTAINING A CARRIER MADE OF CROSS-LINKED AMYLOSE AND HYDROXYPROPYLMETHYLCELLULOSE Inventors: CHOUINARD, François; JACQUES, Wilfrid;

inventors: CHOUINAR	D, François; JACQUE:	S, Willrid;	
COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION/ PATENT NUMBER	ISSUANCE DATE
Canada (GGD)	April 10, 1996	2.173.818	N/A
U.S. (Foley & Lardner)	August 19, 1996	08/699,611	March 23, 1999
o lot (2 otty & Baraner)	110503(17, 1770	5.885.615	Muton 23, 1999
Australia	April 4, 1997	22832/97	January 20, 2000
(Spruson & Ferguson)	119111 <del>11</del> , 1221	711089	January 20, 2000
	r	/11089	
Ex PCI		242.484	
New Zealand	April 4, 1997	332 576	July 6, 2000
(Baldwin, Shelston Waters) Ex PCT			
Turkey	April 4, 1997	TR 1998020 34B	December 21, 2000
(Ankara Patent Bureau		1998/2034	
Ltd) Ex PCT	April 4, 1997	126477	February 3, 2002
(Dr. Mark Friedman		LZAPTI	reducing 3, 2002
Lid.) Ex PCT			
Hungary	April 4, 1997	P9902681	N/A
(Danubia) Ex PCT	A 21 4 1007	10004705	
Norway (Onsagers AS) Ex PCT	April 4, 1997	19984703	N/A
Poland	April 4, 1997	P329285	N/A
(Polservice) Ex PCT	-		
Czech Republic	April 4, 1997	PV 3254-98	N/A
(Patentservis Praha) Ex PCT			
South Korea	April 4, 1997	10-1998-0708056	N/A
(Central International			
Law firm) Ex PCT			
Japan	April 4, 1997	534705/97	N/A
(Susuye & Susuye) Ex PCT			
European Patent	April 4, 1997	97 915 220.4	May 21, 2003
(Cabinet Germain &	• • • • • • • • • • • • • • • • • • • •	954,290	,,
Maureau) Ex PCT		###= # <b>#</b>	
Mexico (Basham, Ringe y	April 4, 1997	988340	July 25, 2001
(Basham, Ringe y Correa, S.C.) Ex PCT		203263	
Brazil	April 4, 1997	PI 9708772-6	N/A
(Veirano E Advogados	•	•	
Associados) Ex PCT			
Philippines (Villaraza & Cruz)	April 10, 1997	1-56107	September 07, 2001
Malaysia & Cruz)	April 10, 1997	PI 97001576	N/A
(Ram Rais & Partners)	· · · · · · · · · · · · · · · · · · ·	1 4 7 CUQ 4 0 TU	23/22
Taiwan	April 10, 1997	86104588	December 28, 2001
(Long River		140020	,
International Patent &			700
Trademark Office) South Africa	April 10, 1997	97/3054	August 26, 1998
(Spoor and Fisher)	- · · · · · · · · · · · · · · · · · · ·	×11.2027	1348H31 NO, 1770

MANUFACTURE OF CROSS-LINKED AMYLOSE USEFUL AS AN EXCIPIENT FOR CONTROL RELEASE OF ACTIVE COMPOUNDS

Inventors: DUMOULIN, Yves; CARRIERE, François; INGENITO, André

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION/ PATENT NUMBER	Issuance Date
U.S. (Bacon & Thomas)	February 14, 1997	08/800,518	September 15, 1998
		5.807.575	
New Zealand (Baldwin, Shelston Waters)	February 10, 1998	337171	January 11, 2001
Australia	February 10, 1998	59785/98	November 2, 2000
(Spruson & Ferguson)		726,272	1.0.1011.001.2, 2000
Europe (Cabinet Germain & Maureau)	February 10, 1998	98 902 905.3 960,131	January 16, 2002
Israel (Dr. Mark Friedman Ltd.)	February 10, 1998	131,369	March 2, 2003
Canada (GGD)	February 10, 1998	2.280.534	August 19, 2003

CROSS-LINKED HIGH AMYLOSE STARCH RESISTANT TO AMYLASE AS A MATRIX FOR THE SLOW RELEASE OF BIOLOGICALLY ACTIVE COMPOUNDS-PRIOR CONTRAMID Inventors: LENAERTS, Vincent; CHOUINARD, François; MATEESCU, Mircea A.; ISPAS-SZABO, Pompilia

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION/ PATENT NUMBER	ISSUANCE DATE
U.S. (Pennie & Edmonds)	February 24, 1998	09/028,385	September 4, 2001
Bamonasj	and the second s	6,284,273	

CROSS-LINKED HIGH AMYLOSE STARCH HAVING FUNCTIONAL GROUPS AS A MATRIX FOR THE SLOW RELEASE OF PHARMACEUTICAL AGENTS

INVENTORS: LENA FRITS, Vincent: CUOLINARD, Respects: MATERICAL Mircra A: ISPAS-SZARO.

Inventors: LENAERTS, Vincent; CHOUINARD, François; MATEESCU, Mircea A.; ISPAS-SZABO, Pompilia

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COUNTRY (ASSOCIATE AGENT)	Filing Date	PATENT APPLICATION Number	ISSUANCE DATE
U.S. (Pennie & Edmonds)	February 24, 1999	09/257,090 US 6,419,957	July 16, 2002
Canada (Osler, Hoskin & Harcourt)	February 24, 1999	2,321,461	N/A
Australia (Phillips, Ormonde &Fitzpatrick)	February 24, 1999	32420/99	February 24, 1999
New Zealand (Henry Hughes Ltd.)	February 24, 1999	506437	N/A
Mexico (Basham Ringe Y Correa, S.C.)	February 24, 1999	2000/008227	N/A
Japan (Hiraki & Associates)	February 24, 1999	12-533104	N/A
Norway (Bruns Zacco AS)	February 24, 1999	20004208	N/A
Russian Federation (Gorodissky & Pariners, Ltd.)	February 24, 1999	2000124323	N/A
Hong Kong (China Patent Agent (H.K.) Ltd.)	December 04, 2001	01108502.3	N/A
Hungary (S.B.G. &K. Patent And Law Offices)	February 24, 1999	P0100818	N/A
Brazil (Momsen, Leonardos & CIA)	February 24, 1999	PI9908187-3	N/A
Turkey (Stock Industrial Property Services AS)	February 24, 1999	2000/03014	N/A
China (China Patent Agent (H.K.) Ltd.)	February 24, 1999	99805447.X	N/A
Czech Republic (Korejzova & Co.)	February 24, 1999	PV2000-3097	N/A
Poland (Polservice)	February 24, 1999	P342596	N/A
Iscael (Reinhold Cohn & Partners)	February 24, 1999	137955	N/A
South Korea (Kim and Cho)	February 24, 1999	7009278/2000	N/A
European Patent (Cruikshank & Fairweathar)	February 24, 1999	99936029.0	N/A

CROSS-LINKED HIGH AMYLOSE STARCH FOR USE IN CONTROLLED-RELEASE PHARMACEUTICAL FORMULATIONS AND PROCESS FOR ITS MANUFACTURE---CURRENT CONTRAMID Inventors: 1) LENAERTS, Vincent; 2) BECK. Roland Herwig Friedrich; 3) VAN BOGAERT, Elsie; 4) CHOUINARD, François; 5) HÖPCKE, Roiner; 6) DÉSÉVAUX, Cyril.

CHOUINARD, François;	5) HOPCKE, Roinel	r; 6) DESEVAUX, Cyril.	
COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION NUMBER	ISSUANCE DATE
U.S. (Pennie &		09/606.399	August 19, 2003
Edmonds)	June 29, 2000	US 6,607,748	August 19, 2005
European Patent Convention (Cuikshank & Fairweather)	June 26, 2001	01950498.4	N/A
Argentina (Obligado & Cia. LDA)	June 29, 2001	P010103143	N/A
Brazil (Momsen, Leonardos, CIA)	June 26, 2001	PI01121405	N/A
Chile (Frederico Villaseca)	June 28, 2001	1502-2001	N/A
China (China Patent Agent (H.K.) Ltd.)	June 26, 2001	01814863.8	N/A
Hungary (S.B.G. & Patent and Law Offices)	June 26, 2001	N/A	N/A
India (Depenning & Depenning)	June 26, 2001	N/A	N/A
Indonesia (Am Badar & Am Badar)	June 26, 2001	W-002003-00191	N/A
Israel (Reinhold Cohn Partners)	June 26, 2001	153654	N/A
Japan (Hiraki Associates) Malaysia (Shearn	June 26, 2001	2002-506706	N/A
Delamore & Co.)	June 28, 2001	PI20013087	N/A
Mexico (Basham, Ringe Y Correa S.C.)	June 26, 2001	2002/000035	N/A
New Zealand (Henry Hughes, Ltd.)	June 26, 2001	523644	N/A
Norway (Byrns Zacco AS)	June 26, 2001	20026254	N/A
Philippines (Ortega, Del Castillo, Bacorro, Odulio, Calma)	June 28, 2001	1-2000-01617	N/A
Poland (Polservice)	June 26, 2001	PPV 2002-4269	N/A
Russian Federation (Gorodissky & Partner Ltd.)	June 26, 2001	2003102438	N/A
South Korea (Halla Patent & Law Firm)	June 26, 2001	2002-7018039	N/A
Taiwan (Lee & Li)	June 29, 2001	90115984	N/A
Venezuela (Hoet, Peluez, Castillo, Duque)	June 28, 2001	2001-001373	N/A
Pakistan (Remfry & Son)	June 29, 2001	60/2001	N/A

METHODS AND COMPOSITIONS FOR INCREASED POTENCY OF THERAPEUTIC AGENTS BASED ON PH-SENSITIVE POLYMERIC MICELLES Inventors: LEROUX, Jean-Christophe

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COUNTRY (ASSOCIATE AGENT)	FILING DATE	<u>Patent Application</u> <u>Number</u>	ISSUANCE DATE
U.S. (Pennie & Edmonds)	May 17, 2000	09/572,201	N/A
European Patent Convention (Cruishank & Fatrweather)	May 15, 2001	09154286.9	N/A
CE I WIN WOLLENGE			

POLYMERIC MICELLE COMPOSITIONS

LEROUX, Jean-Christophe; BENAHMED, Amina Souad

Inventors: LEROUX, Jean	1-Christophe; BENAHMEL		The Large
COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION/ PATENT NUMBER	ISSUANCE DATE
U.S. (Pennie &	June 29, 2000	09/606,398	January 15, 2002
Edmonds)		6,338,859	
European Patent Convention (Cruishank and Fairweather)	June 28, 2001	01949161.2	N/A
Australia (Phillips, Ormonde, Fitzpatrick)	June 28, 2001	2001270405	N/A
Brazil (Momsen, LEonardos, & CIA)	June 28, 2001	PI0112054-9	N/A
Canada (Osler, Hoskin, & Harcourt)	June 28, 2001	2,414,241	N/A
China (China Patent Agent (H.K.) Ltd.)	June 28, 2001	0181444.6	N/A
Hong Kong (China Patent Agent (H.K.) Ltd.)	N/A	N/A	N/A
Hungary (S.B.G. & K. Patent and Law Office)	June 28, 2001	0254395	N/A
India (Depenning & Depenning)	June 28, 2001	W-00200300192	N/A
Israel (Reinhold, Cohn, & Partners)	June 28, 2001	153655	N/A
Japan (Hiraki & Assoc.)	June 28, 2001	2002-504976	N/A
Mexico (Basham, Ringe Y Correa S.C.)	June 28, 2001	2003/00006\$	N/A
New Zealand (Henry Hughes Ltd.)	June 28, 2001	523645	N/A
Norway (Bryns Zucco	June 28, 2001	20026255	N/A
Poland (Polservice)	June 28, 2001	P360262	N/A
Russia (Gorodissky & Partners, Ltd.)	June 28, 2001	2003102439	N/A
South Korea (Halla Patent and Law Firm)	June 28, 2001	2002-7018038	N/A

PROLAMIN-BASED SUSTAINED RELEASE COMPOSITIONS AND DELAYED-ONSET COMPOSITIONS Inventors: DESJARDINS, Alain; BACON, Johnston

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COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION NUMBER	ISSUANCE DATE
U.S. (Pennie & Edmonds)	December 1, 2000	09/728,840	N/A
U.S. (Pennie & Edmonds)	May 30, 2003	10/443,381	N/A
European Patent Convention (Cruikshank & Fairweather)	November 30, 2001	01998332.9	N/A
Argentina (Obligado & Cia. LDA)	December 3, 2001	P010105598	N/A
Canada (Osler, Hoskin & Harcourt)	November 30, 2001	2,433,668	N/A
Chile (Frederico Villaseca)	December 3, 2001	2940-2001	N/A
Pakistan (Remfry & Son)	December 13, 2001	1171/2001	N/A
Venezuela (Hoet, Pelaez, Castillo & Duque)	December 3, 2001	2001-002533	N/A
Taiwan (Lee & Li)	December 3, 2001	90129828	N/A
Malaysia (Shearn Delamore & Co.)	December 3, 2001	PI20015508	N/A

Water-Soluble Stabilized Self-Assembled Polyelectrolytes

Inventors: RANGER, Maxime; LEROUX, Jean-Christophe;

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION NUMBER	ISSUANCE DATE
U.S. (McHale & Slavin)	June 8, 2001	09/877,999	N/A
U.S. (McHale & Slavin)	June 25, 2003	10/607,446	N/A
CIP of 09/877,999			
PCT (GGD)	June 7, 2002	PCT/CA02/00855	N/A

Unimolecular Polymeric Micelles With an Ionizable Inner Core

Inventors: RANGER, Maxime; LEROUX, Jean-Christophe.

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION NUMBER	ISSUANCE DATE
U.S. (McHale & Slavin)	June 8, 2001	09/878,115	N/A
PCT (GGD)	June 7, 2002	PCT/CA02/00854	N/A

POLYVINYL ACETATE/POLYVINYLPYRROLIDONE BASED SUSTAINED RELBASE COMPOSITION

COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT NUMBER	Issuance Date
U.S. (Pennie & Edmonds)	October 25, 2002	10/281,026	N/A

7/8

METHODS AND DOSAGE FORMS FOR IMPROVING THE BIOAVAILABILITY OF THERAPEUTIC AGENTS

Inventors: OUADJI NJIKI, Laure Patricia

COUNTRY (ASSOCIATE AGENT)	Filing Date	<u>Patent Application</u> <u>Number</u>	Issuance Date
PCT (Aventis Pharma Deutchland)	October 29, 2002	PCT/EP02/12062	
U.S. (Edwards & Angell)	October 29, 2002	10/283,520	N/A

PREPARATION OF STERILE STABILIZED NANODISPERSIONS
Inventors: Le Garree, Dorothée: Kabbai, Meriam; Leroux, Jean-Christophe.

inventors, Le Garret, 170	romon, radoa, merani, ac	Tour, vour Omiopro		
COUNTRY (ASSOCIATE AGENT)	FILING DATE	PATENT APPLICATION NUMBER	ISSUANCE DATE	
U.S. (McHale & Slavin)	March 18, 2002	10/101,572	N/A	
PCT (GGD)	March 17, 2003	PCT/CA03/00375	N/A	

AMPHIPHILIC DIBLOCK, TRIBLOCK AND STAR-BLOCK COPOLYMERS AND THEIR PHARMACEUTICAL COMPOSITIONS

Inventors: Lele, Bhalchandra Shripad; Leroux, Jean-Christophe

COUNTRY (ASSOCIATE AGENT)	FILING DATE	<u>Patent Application</u> Number	ISSUANCE DATE	Account of passings (married
U.S. (McHale & Slavin) PCT (GGD)	March 18, 2002 March 17, 2003	10/101,093 PCT/CA03/00376	N/A N/A	