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10-27-2000

FORM PT0-1595
1-31-92
Docket No. DN 80161



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101497893

To the Honorable Commissioner of Patent

original documents or copy thereof.

1. Name of conveying party(ies)

SANOFI.
174 Avenue de France
75013 Paris
France

2. Name and address of receiving party(ies):

SANOFI-SYNTHELABO
174 Avenue de France
75013 Paris
France

Additional name(s) of conveying party(ies) attached? [] yes [X] no

3. Nature of Conveyance:

[] Assignment [] Merger
[] Security Agreement [] Change of Name

[X] Other **Re-record to correct wrong Ser. No. 18/155,550 & Patent No. 5,847,265 at Reel/Frame 010668/0608**

Execution Date (of Assignment): February 11, 2000
(of Application): _____

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 07/155,550

B. Patent No.(s): 4,847,265

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sanofi-Synthelabo Inc.
Internal Address: Patent Department
Michael D. Alexander
Street Address: 9 Great Valley Pkwy
City: Malvern State: PA ZIP 19355

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41):\$ 40.00

Please charge deposit account number: 19-0091

8. Deposit account number:

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9. Statement and signature.

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

MICHAEL D. ALEXANDER
Name of Person Signing

Michael D. Alexander
Signature

August 11, 2000
Date

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OMB No. 0651-0011 (exp. 4/94)

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(0651-0011), Washington, D.C. 20503

PATENT
REEL: 011190 FRAME: 0415

2-22-00

03-29-2000



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PT0-1595

1-31-92

R

Docket Nos. See Appendix A & B

101301317

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SANOFI
174 Avenue de France
75013 Paris
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2. Name and address of receiving party(ies):

SANOFI-SYNTHELABO
174 Avenue de France
75013 Paris
France

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3. Nature of Conveyance:

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- Security Agreement
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Execution Date (of Assignment): February 11, 2000
(of Application):

Additional name(s) & address(es) attached? []Yes [X] No

4. Application number(s) or patent number(s): See attached Appendix A & B

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A. Patent Application No.(s)

B. Patent No.(s):

Additional numbers attached?

[X] Yes [X] No

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Internal Address: Patent Department
Michael D. Alexander
Street Address: 9 Great Valley Pkwy
City: Malvern State: PA ZIP 19355

6. Total number of applications and patents involved: [5]

7. Total fee (37 CFR 3.41):\$ 3,120.00

Please charge deposit account number: 19-0091

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19-0091

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MICHAEL D. ALEXANDER

Name of Person Signing

Michael D. Alexander
Signature

February 16, 2000
Date

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(0651-0011), Washington, D.C. 20503

APPENDIX A
UNITED STATES - Patents and Patent Applications

Docket	Filing Date	Serial No.	Issue Date	Patent No.	Title
60934	08-Apr-93	9300044843	13-Sep-94	5,346,917	THIOXANTHENE ANTI-TUMOR AGENTS
60934	23-Mar-94	9400216989	10-Jan-95	5,380,749	THIOXANTHENE ANTI-TUMOR AGENTS
61735	14-Jun-94	08/259,593	12-Dec-95	5,474,993	LACTAM INHIBITORS OF CHOLESTEROL ESTERASE
61837	02-Jul-92	9200909403	07-Sep-93	5,242,924	TETRAZOLYL-(PHENOXYALKYL)-PIPERIDINYL-PYRIDAZINES AS ANTIVIRAL AGENTS
61907	10-Jun-91	9100713172	25-Feb-92	5,091,410	THIOXANTHENE ANTI-TUMOR AGENTS
62251	12-Nov-93	08/152,950	12-Dec-95	5,474,769	USE OF INTERLEUKIN-7 TO INDUCE MONOCYTES/MACROPHAGE TUMORICIDAL ACTIVITY (AS AMENDED)
62251	15-May-95	08/440,807	28-Oct-97	5,681,557	USE OF INTERLEUKIN-7 TO INDUCE MONOCYTES/MACROPHAGE TUMORICIDAL ACTIVITY (AS AMENDED)
62271	17-Jul-91	9100731569	29-Dec-92	5,175,177	1,2,4-OXADIAZOLYL-PHENOXYALKYLISOXAZOLES AND THEIR USE AS ANTIVIRAL AGENTS
62308	15-Apr-92	9200869287	20-Sep-94	5,349,068	1,2,4-OXADIAZOLYL-PHENOXYALKYLISOXAZOLES AND THEIR USE AS ANTIVIRAL AGENTS
62308	01-Oct-93	08/131,050	07-Nov-95	5,464,848	1,2,4-OXADIAZOLYL-PHENOXYALKYLISOXAZOLES AND THEIR USE AS ANTIVIRAL AGENTS
62308	19-May-95	08/444,795	01-Jul-97	5,643,929	1,2,4-OXADIAZOLYL-PHENOXYALKYLISOXAZOLES AND THEIR USE AS ANTIVIRAL AGENTS
62609	17-Jun-87	07/063,182	27-Jun-89	4,843,087	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	16-Jun-87	07/062,803	15-Aug-89	4,857,539	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	03-Dec-87	07/128,251	29-Aug-89	4,861,791	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	12-Jun-89	07/364,913	03-Jul-90	4,939,267	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	12-Jun-89	07/364,928	26-Mar-91	5,002,960	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	18-Aug-89	07/396,419	31-Jul-90	4,945,164	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	07-Mar-90	07/534,917	05-May-92	5,110,821	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	18-Aug-89	07/395,837	24-Sep-91	5,051,437	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62609	21-Aug-89	07/396,414	17-Jul-90	4,942,241	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS

PATENT

REEL: 011190 FRAME: 0417

Docket	Filing Date	Serial No.	Issue Date	Patent No.	Title
62609	04-Jun-90	07/532,480	29-Dec-92	5,175,178	DI-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ANTIVIRAL AGENTS
62795	07-Dec-89	8900447469	03-Jul-90	4,939,138	3-AMINOMETHYL-6-ARYLCARBONYL-2,3-DIHYDROPYRROLO[1,2,3-DE]-1,4-BENZOXAZINES
62795	16-Apr-90	9000509441	19-Nov-91	5,066,803	3-AMINOMETHYL-6-ARYLCARBONYL-2,3-DIHYDROPYRROLO[1,2,3-DE]-1,4-BENZOXAZINES
62795	13-Aug-91	9100744558	28-Apr-92	5,109,135	3-AMINOMETHYL-6-ARYLCARBONYL-2,3-DIHYDROPYRROLO[1,2,3-DE]-1,4-BENZOXAZINES
63092	23-Jun-89	8900370926	25-Sep-90	4,959,363	ANTIVIRAL AGENTS-4-OXOQUINOLINE-3-CARBOXAMIDES
63149	06-Mar-85	8500708633	31-May-88	4,748,276	IMPROVED PROCESS FOR PREPARING MEPERIDINE
63158	26-Aug-92	9200935505	19-Jul-94	5,330,759	ENTERIC COATED SOFT CAPSULES AND METHOD OF THE PREPARATION THEREOF
63192	19-Dec-85	8500810942	06-Jan-87	4,634,776	3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63192	11-Oct-88	8800255305	05-Dec-89	4,885,295	3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63192	20-Sep-89	8900409913	18-Dec-90	4,978,664	3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63192	30-Jul-90	9000559787	07-May-91	5,013,732	3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63192	23-Mar-87	07/029,302	04-Oct-88	RE. 32,761	3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63199	11-Feb-87	8700013313	20-Jun-89	4,840,950	1-AMINOALKYL-2-AND 4-ARYLCARBONYL-1H-INDOLES
63199	12-Apr-89	8900337220	17-Oct-89	4,874,761	1-AMINOALKYL-2-AND 4-ARYLCARBONYL-1H-INDOLES
63200	08-Mar-90	9000490201	27-Nov-90	4,973,587	NOVEL 3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63200	03-Aug-90	9000562366	07-May-91	5,013,837	NOVEL 3-ARYLCARBONYL-1-AMINOALKYL-1H-INDOLES
63986	07-Oct-88	8800255209	23-Oct-90	4,965,195	USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63986	21-Apr-94	08/231,205	03-Feb-98	5,714,585	USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63986	06-Oct-92	07/957,649	12-Jul-94	5,328,988	USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63986	22-May-95	08/446,908	06-Jan-98	5,705,149	USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63986	09-Jun-97	08/871,161	12-Oct-99	5,965,122	USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63986	12-May-99	09/310,905			USE OF INTERLEUKIN-7 TO STIMULATE PROLIFERATION OF HEMATOPOIETIC CELL PRECURSORS
63988	17 Jan 89	8900312546	16 Jul 91	5,032,396	USE OF IL-7 TO STIMULATE PLATELET PRODUCTION

Docket	Filing Date	Serial No.	Issue Date	Patent No.	Title
63989	26-Jul-90	07/559,001	20-Jul-93	5,229,115	IMMUNOTHERAPY WITH IL-7
64102	25-May-93	08/066,805	03-Jan-95	5,378,720	SACCHARIN DERIVATIVE PROTEOLYTIC ENZYME INHIBITORS
64102	22-Jun-94	08/263,643	14-Nov-95	5,466,701	SACCHARIN DERIVATIVE PROTEOLYTIC ENZYME INHIBITORS
64818	02-Jun-92	07/892,085	03-Aug-93	5,232,109	DOUBLE-SEAL STOPPER FOR PARENTERAL BOTTLE
65454	30-Dec-92	9200998498	15-Nov-94	5,364,865	PHENOXY- AND PHENOXYALKYL-PIPERIDINES AS ANTIVIRAL AGENTS
66593	26-May-95	08/451,692	08-Apr-97	5,618,821	THERAPEUTIC PHENOXYALKYLHETEROCYCLES
66593	21-Mar-97	08/822,995	09-Jun-98	5,763,461	THERAPEUTIC PHENOXYALKYLHETEROCYCLES
67931	13-May-94	08/242,752	03-Sep-96	5,552,420	THERAPEUTIC PHENOXYALKYLAZOLES AND PHENOXYALKYLAZINES
67931	02-Aug-96	08/693,530	24-Feb-98	5,721,261	THERAPEUTIC PHENOXYALKYLAZOLES AND PHENOXYALKYLAZINES
67931	25-Nov-97	08/978,233	08-Dec-98	5,846,986	THERAPEUTIC PHENOXYALKYLAZOLES AND PHENOXYALKYLAZINES
67932	13-May-94	08/242,529	26-Sep-95	5,453,433	THIADIAZOLES AS ANTIPICORNAVIRAL AGENTS
67932	07-Jun-95	08/477,040	22-Oct-96	5,567,719	THIADIAZOLES AS ANTIPICORNAVIRAL AGENTS
67932	30-Aug-96	08/706,108	22-Jul-97	5,650,419	THIADIAZOLES AS ANTIPICORNAVIRAL AGENTS
67932	27-May-97	08/863,388	12-May-98	5,750,527	THIADIAZOLES AS ANTIPICORNAVIRAL AGENTS
67932	31-Mar-98	09/052,178	13-Oct-98	5,821,257	THIADIAZOLES AS ANTIPICORNAVIRAL AGENTS
67979	13-May-94	08/242,528	07-May-96	5,514,679	HETEROCYCLE SUBSTITUTED PHENOXYALKYLHETEROCYCLES AND THEIR USE AS ANTIVIRAL AGENTS (AS AMENDED)
67979	05-Jun-95	08/461,285	22-Oct-96	5,567,717	HETEROCYCLE SUBSTITUTED PHENOXYALKYLHETEROCYCLES AND THEIR USE AS ANTIVIRAL AGENTS (AS AMENDED)
67979	30-Aug-96	08/706,109	09-Sep-97	5,665,763	HETEROCYCLE SUBSTITUTED PHENOXYALKYLHETEROCYCLES AND THEIR USE AS ANTIVIRAL AGENTS (AS AMENDED)
68005	27-Sep-94	08/312,724	04-Jun-96	5,523,312	ANTIPICORNAVIRAL AGENTS
68005	24-May-95	08/449,463	07-May-96	5,514,692	ANTIPICORNAVIRAL AGENTS
68349	25-Feb-94	08/201,837	07-May-96	5,514,716	HYDROXAMIC ACID AND CARBOXYLIC ACID DERIVATIVES, PROCESS FOR THEIR PREPARATION AND USE THEREOF
68349	05-Jun-95	08/461,079	08-Apr-97	5,618,844	HYDROXAMIC ACID AND CARBOXYLIC ACID DERIVATIVES, PROCESS FOR THEIR PREPARATION AND USE THEREOF
70493	30-May-96	08/655,512	19-Aug-97	5,659,083	PROCESS FOR PREPARING 2,2'-(1-METHYL-1,2-ETHANE-DIYLIDENE)BIS[HYDRAZINE CARBOXIMIDAMIDE]
80012	04-Dec-95	08/566,979	30-Sep-97	5,672,702	PROCESS FOR PREPARING 3-AMINO-1,2,4-BENZOTRIAZINE DIOXIDE
80049	30-May-96	08/655,518	02-Dec-97	5,693,673	PROCESS FOR PREPARING 2,2'-(1-METHYL-1,2-ETHANE-DIYLIDENE)BIS[HYDRAZINE CARBOXIMIDAMIDE]
80081	03-Mar-97	08/813,946	17-Nov-98	5,837,714	SOLID PHARMACEUTICAL DISPERSIONS

Docket	Filing Date	Serial No.	Issue Date	Patent No.	Title
80082	03-Mar-97	08/808,761	02-Jun-98	5,760,056	PHARMACEUTICAL FORMULATION
80083	07-Mar-88	07/165,080	24-Oct-89	4,876,248	ANTI-INFLAMMATORY PRODUCTS DERIVED FROM METHYLENE-DIPHOSPHONIC ACID, AND PROCESS FOR THEIR PREPARATION OXALIPLATIN SOLUTION FORMULATIONS
80095	22-Feb-99	09/255,087			
80102	03-Mar-97	08/810,560	07-Jul-98	5,776,987	PHARMACEUTICAL SUSPENSION FORMULATION
80111	20-Nov-91	07/794,497	14-Dec-93	5,270,317	N-SUBSTITUTED HETEROCYCLIC DERIVATIVES, THEIR PREPARATION AND THE PHARMACEUTICAL COMPOSITIONS IN WHICH THEY ARE PRESENT
80113	12-Jun-97	08/873,540	01-Dec-98	5,844,000	PROPENONE OXIME ETHERS AND PHARMACEUTICAL COMPOSITIONS
80161	12-Feb-98	18/155,550	11-Jul-89	5,847,265	CONTAINING THEM DEXTRO-ROTATORY ENANTIOMER OF METHYL ALPHA-5 (4,5,6,7-TETRAHYDRO (3,2-C) THIENO PYRIDYL) (2-CHLOROPHENYL)-ACETATE AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING IT

APPENDIX B
ADDITIONAL U.S. PAID-FOR-LIFE PATENTS

Patent No.	Grant Date	Title	Expiry
4,391,811	07/05/1983	2-Amino--6-(Pyridinyl)-3H-Imidazo-[4,5-B]Pyridines And Their Cardiotonic Use	02-Oct-01
4,482,495	11/13/1984	Mixed Anhydrides of N'-Acetylaminothioalkanoates	13-Nov-01

ASSIGNMENT OF INVENTION

This Assignment is effective the 19th day of May, 1999, between SANOFI, a société anonyme of France with offices at 174 Avenue de France, 75013 Paris, France (hereinafter the "Assignor"), who is the owner of the entire title in the United States patents and patent applications set forth in the attached Appendices and in the inventions covered by said patents and patent applications; and

SANOFI-SYNTHELABO, a société anonyme of France with offices at 174 Avenue de France, 75013 Paris, France (hereinafter the "Assignee"), who wants to acquire the entire title of Assignor in the aforesaid patents and patent applications and the inventions covered thereby.

THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby assign unto Assignee its entire title in said patents and patent applications, and all divisionals, continuations, continuations-in-part, reissues, re-examinations, substitutes, and extensions thereof and to any Letters Patent which have or may issue based thereon, all of which are encompassed herein by the term "Patents", including all claims for damage for past infringement thereof; the same to be held and enjoyed by Assignee, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made.

Assignor also agrees that it will, at Assignee's request, render such lawful cooperation and assistance as may be necessary for the proper maintenance and enforcement of said patents and patent applications, provided, however, that Assignor may condition its compliance with such a request on Assignee's agreement to pay Assignor reasonable out-of-pocket expenses in connection therewith.

This document shall be construed, interpreted and applied in accordance with the laws of the State of New York.

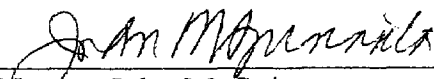
In WITNESS THEREOF, the Assignor has caused its corporate name to be affixed hereto and this instrument to be signed by a duly authorized officer as of the day and year written below.

IN WITNESS WHEREOF, I have hereunto set hand and seal this

11th day of Feb, 2000

SANOFI

(Corporate Seal)

By 
Name: John M. Spinnato
Title: Attorney-in-Fact

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80111	20-Nov-91	07/794,497	14-Dec-93	5,270,317	N-SUBSTITUTED HETEROCYCLIC DERIVATIVES, THEIR PREPARATION AND THE PHARMACEUTICAL COMPOSITIONS IN WHICH THEY ARE PRESENT
80113	12-Jun-97	08/873,540	01-Dec-98	5,844,000	PROPENONE OXIME ETHERS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
80161	12-Feb-88	07/155,550	11-Jul-89	4,847,265	DEXTRO-ROTATORY ENANTIOMER OF METHYL ALPHA-5 (4,5,6,7-TETRAHYDRO (3,2-C) THIENO PYRIDYL) (2-CHLOROPHENYL)-ACETATE AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING IT