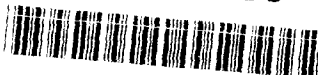


ORIGINAL

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06-10-2003

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
Tab settings



102469022

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

**Molecular Therapeutics, Inc.**

6-6-03

2. Name and address of receiving party(ies)

Name: **Miles Inc.**

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Street Address: **One Mellon Center**  
**500 Grant Street**

City: **Pittsburgh** State: **PA** Zip: **15219**

Execution Date: **January 15, 1992**

Additional name(s) & address(es) attached? ☐ Yes ☒ 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)

**See sheet provided.**

B. Patent No.(s)

**See sheet provided.**

Additional numbers attached? ☒ Yes ☐ No

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

Name: **Jeffrey M. Greenman, Vice President**

Internal Address: **Patents and Licensing**

**Bayer Pharmaceuticals Corporation**

Street Address: **400 Morgan Lane**

City: **West Haven** State: **CT** Zip: **06516**

6. Total number of applications and patents involved: **18**

7. Total fee (37 CFR 3.41): \$ **720.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

**13-3372**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

**Barbara A. Shimei**

Name of Person Signing

*Barbara A. Shimei*  
Signature

**6/14/03**

Date

Total number of pages including cover sheet, attachments, and documents: **4**

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

ATTY. DOCKET: MTI 208, 209, 214

06/09/2003 ECOOPER 00000111 133372 6514936

01 FC:8021 720.00 CH

PATENT  
REEL: 014154 FRAME: 0183

APPLICATION NO.: /	FILING DATE	PATENT NO. (if applicable)	ASSIGNMENT RECORDED ON (DATE)	REEL	FRAME
* 08/316,384	9/30/94	5,589,453	09/01/88	4937	0588
	9/30/94	6,051,231	12/15/88	5006	0460
	9/30/94		05/14/90	5305	0344
** {	8/24/00	6,514,936	07/22/91	5773	0866
	4/06/95	6,326,004	07/22/91	5773	0866
** {	5/05/95	6,143,298	07/22/91	5792	0677
08/459,884	6/02/95		07/22/91	5792	0677
*	1/24/89	5,235,049	01/24/89	5098	0083
	5/18/95	5,859,212	12/21/89	5200	0307
** {	5/18/95	5,821,341	12/21/89	5200	0307
	4/20/95	5,849,699	12/21/89	5200	0307
	6/05/95	5,686,581	07/20/90	5402	0421
** {	6/05/95	5,674,982	07/20/90	5402	0421
	10/4/94	6,096,862	07/20/90	5402	0421
	6/05/95	5,686,582	07/22/91	5788	0515
** {	6/05/95	5,871,733	07/22/91	5788	0515
	10/4/94	6,107,461	07/22/91	5788	0515
*	4/14/94	6,130,202	08/20/92	6277	0734

*NOTE: The PTO finds it useful if a copy of the assignment is submitted.*

☒ Cop(ies) of the Assignment(s) for those item(s) whose line begins with an asterisk(\*) is(are) being submitted herewith.

*NOTE: When requesting correction or updating of a previously recorded assignment document, providing the reel and frame number of that document will greatly expedite the recording process. Helpful Hints published September 30, 1986, 1070 O.G. 47 to 59 at 53.*

**\*\* Indicates that one Assignment is applicable for the bracketed cases.**

(Change of Name in Recorded Assignments [16-12]—page 3 of 3)

**MTI 208,209,214**

**PATENT**  
**REEL: 014154 FRAME: 0184**



# ARTICLES OF MERGER & SHARE EXCHANGE

State Form 39036 (R/12-87)

Provided by Evan Bayh, Secretary of State of Indiana

Approved by State Board of Accounts, 1988

Present Original and One Copy - Use 8 1/2" x 11" paper for inserts.

FILING FEE: \$90.00

Indiana Code 23-1-40-1 et. seq.

Secretary of State

Corporations Division

## ARTICLES OF MERGER & SHARE EXCHANGE OF

APPROVED  
AND  
FILED

Molecular Diagnostics, Inc. <sup>CON</sup>

Molecular Therapeutics, Inc. <sup>Del</sup>

STATE OF INDIANA

Miles Inc.

S: 198603-197

INTO

In accordance with the requirements of the Indiana Business Corporation Law, the undersigned corporations desiring to effect a merger or share exchange, set forth the following facts:

### ARTICLE I - SURVIVING CORPORATION

#### SECTION 1:

The name of the corporation surviving the merger is:

Miles Inc.

and such name ~~has~~ has not

(designate which) been changed as a result of the merger.

#### SECTION 2: (Strike inapplicable section)

- a. The surviving corporation is a domestic corporation existing pursuant to the provisions of the Act incorporated on March 6, 1986

~~XXXXXX THE SURVIVING CORPORATION IS A FOREIGN CORPORATION INCORPORATED IN THE STATE OF INDIANA WHICH TO DO BUSINESS IN INDIANA, IF THE SURVIVING CORPORATION IS QUALIFIED TO DO BUSINESS IN INDIANA, STATE THE DATE OF ADMISSION TO THE STATE OF INDIANA FOR ADMISSION TO DO BUSINESS IN INDIANA, STATE THE DATE OF ADMISSION TO THE STATE OF INDIANA FOR ADMISSION TO DO BUSINESS IN INDIANA.~~

~~XXXXXX THE SURVIVING CORPORATION DOES NOT EXIST IN THE STATE OF INDIANA.~~

### ARTICLE II - MERGING CORPORATION(S)

The name, state of incorporation and date of incorporation or admission, respectively, of each Indiana domestic corporation and Indiana-qualified foreign corporation, other than the survivor, which is party to the merger are as follows:

Name of Corporation

~~Molecular Diagnostics, Inc.~~

State of Domicile

~~Indiana~~

Date of Incorporation or qualification in Indiana

~~March 6, 1986~~

Name of Corporation

State of Domicile

Date of Incorporation or qualification in Indiana

Name of Corporation

State of Domicile

Date of Incorporation or qualification in Indiana

### ARTICLE III - PLAN OF MERGER OR SHARE EXCHANGE

The Plan of Merger or Share Exchange, containing such information as required by Indiana Code 23-1-40-1(b), is set forth in "Exhibit A", attached hereto and made apart hereof.

JUL 17 1992

RECORDED: 06/06/2003

PATENT MICROFILMED  
REEL: 014154 FRAME: 0185