

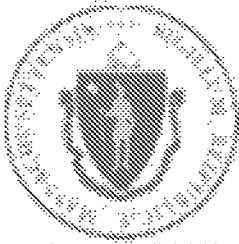
## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5337921

|                                                                                                                                                                                                 |                                                        |  |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                         |  |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | MERGER                                                 |  |                       |
| <b>EFFECTIVE DATE:</b>                                                                                                                                                                          | 09/28/2012                                             |  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                        |  |                       |
| <b>Name</b>                                                                                                                                                                                     |                                                        |  | <b>Execution Date</b> |
| IMMUNE DISEASE INSTITUTE, INC.                                                                                                                                                                  |                                                        |  | 09/28/2012            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                        |  |                       |
| <b>Name:</b>                                                                                                                                                                                    | THE CHILDREN'S HOSPITAL CORPORATION                    |  |                       |
| <b>Street Address:</b>                                                                                                                                                                          | THREE BLACKFAN CIRCLE                                  |  |                       |
| <b>Internal Address:</b>                                                                                                                                                                        | CLSB THIRD FLOOR                                       |  |                       |
| <b>City:</b>                                                                                                                                                                                    | BOSTON                                                 |  |                       |
| <b>State/Country:</b>                                                                                                                                                                           | MASSACHUSETTS                                          |  |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 02115                                                  |  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                        |  |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                          |  |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 16169801                                               |  |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                        |  |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (617)345-1300                                          |  |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                                        |  |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 6173451058                                             |  |                       |
| <b>Email:</b>                                                                                                                                                                                   | tbarry@nixonpeabody.com, bostonpatent@nixonpeabody.com |  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MARK J. FITZGERALD                                     |  |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | NIXON PEABODY                                          |  |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | 53 STATE STREET                                        |  |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | BOSTON, MASSACHUSETTS 02109-2835                       |  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 701039-063007UC20                                      |  |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MARK J. FITZGERALD                                     |  |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /MARK J. FITZGERALD/                                   |  |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/23/2019                                             |  |                       |
| <b>Total Attachments: 13</b>                                                                                                                                                                    |                                                        |  |                       |
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**The Commonwealth of Massachusetts  
William Francis Galvin**

Secretary of the Commonwealth, Corporations Division  
One Ashburton Place, 17th floor  
Boston, MA 02108-1512  
Telephone: (617) 727-9640

**IMMUNE DISEASE INSTITUTE, INC. Summary Screen**



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The exact name of the Nonprofit Corporation: IMMUNE DISEASE INSTITUTE, INC.

The name was changed from: CBR INSTITUTE FOR BIOMEDICAL RESEARCH, INC. THE on 6/5/2007

The name was changed from: CENTER FOR BLOOD RESEARCH, INC. on 8/12/2003

Merged into: THE CHILDREN'S HOSPITAL CORPORATION on 9/28/2012

Merged with CBR LABORATORIES, INC. on 5/31/2007

Merged with CBR LABORATORIES, INC. on 5/31/2007

Entity Type: Nonprofit Corporation

Identification Number: 042158520

Old Federal Employer Identification Number (Old FEIN): 000011257

Date of Organization in Massachusetts: Jan 19 1953

Date of Merger: 09/28/2012

Current Fiscal Month / Day: 09 / 30

Previous Fiscal Month / Day: 09 / 30

The location of its principal office in Massachusetts:

No. and Street: THREE BLACKFAN CIRCLE  
CLSB THIRD FLOOR

City or Town: BOSTON State: MA Zip: 02115 Country: USA

If the business entity is organized wholly to do business outside Massachusetts, the location of that office:

No. and Street:  
City or Town: State: Zip: Country:

The name and address of the Resident Agent:

Name:  
No. and Street:  
City or Town: State: Zip: Country:

The officers and all of the directors of the corporation:

| Title           | Individual Name<br><small>First, Middle, Last, Suffix</small> | Address (no PO Box)<br><small>Address, City or Town, State, Zip Code</small> | Expiration<br>of Term |
|-----------------|---------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------|
| ASSISTANT CLERK | BACHELLE A. ROSENBAUM                                         | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA                    | Next Annual Meeting   |
|                 |                                                               |                                                                              |                       |

**PATENT**

|           |                           |                                                           |                     |
|-----------|---------------------------|-----------------------------------------------------------|---------------------|
| CLERK     | STUART NOVICK ESQ.        | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | FREDERICK W. ALT PHD      | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | CARLEEN BRUNELLI PHD, MBA | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | ERIC M. STARR ESQ         | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | HARVEY LODISH PHD         | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | JAMES MANDELL MD          | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | WALTER M. PRESSEY         | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | GARY FLEISHER MD          | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| DIRECTOR  | YUMIKO HONDA              | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| PRESIDENT | FREDERICK W. ALT PHD      | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |
| TREASURER | DAVID KIRSHNER            | CLSB 3RD FLOOR, 3 BLACKFAN CIRCLE<br>BOSTON, MA 02115 USA | Next Annual Meeting |

☐ Consent    ☐ Manufacturer    ☐ Confidential Data    ☐ Does Not Require Annual Report  
☐ Partnership    ☐ Resident Agent    ☐ For Profit    ☐ Merger Allowed

Note: There is additional information located in the cardfile that is not available on the system.

Select a type of filing from below to view this business entity filings:

ALL FILINGS  
 Annual Report  
 Application For Revival  
 Articles of Amendment  
 Articles of Consolidation - Foreign and Domestic

View Filings

New Search

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Comments

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AS AMENDED THROUGH  
APRIL 18, 2006

CHILDREN'S HOSPITAL

BYLAWS

ARTICLE I

NAME, PURPOSES, LOCATION & FISCAL YEAR

SECTION 1.1 NAME

The name of this Corporation which is duly organized and existing as a charitable corporation under the laws of the Commonwealth of Massachusetts shall be THE CHILDREN'S HOSPITAL CORPORATION (hereinafter the "Corporation" or the "Hospital").

SECTION 1.2 PURPOSES

The purposes of the Corporation shall be:

To provide medical and surgical care and treatment to infants, children, adolescents, young adults, and adults with congenital problems

To instruct, supervise and train physicians, nurses, technicians and others in the care, treatment and prevention of diseases of infants, children, adolescents, young adults, and adults with congenital defects.

To operate and conduct a hospital or hospitals, together with affiliated institutions, research laboratories and other services where all the resources of medical and related sciences will be combined to provide quality care for infants, children, adolescents and young adults, and to determine new and improved methods for the treatment and prevention of diseases, and to disseminate information about such matters.

To participate, to the extent desirable or practical, in any activity designed and carried on to promote the general health of the community.

To do all things necessary or advisable to carry out any or all of the foregoing purposes.

### SECTION 1.3 LOCATION

The principal office of the Corporation is 300 Longwood Avenue, Boston, Massachusetts.

### SECTION 1.4 FISCAL YEAR

The fiscal year of the Corporation shall, unless otherwise decided by the Board of Trustees, be October 1 through September 30.

## ARTICLE II

### MEMBER

#### SECTION 2.1 MEMBER

The Children's Medical Center Corporation, a Massachusetts charitable corporation incorporated in 1869 under the name of The Children's Hospital, which prior to January 1, 1983 was known as the Children's Hospital Medical Center, Inc., and from January 1, 1983 through the present known as The Children's Medical Center Corporation, acting through its Board of Trustees, shall be the sole Member of the Corporation.

  
Examiner

FEDERAL IDENTIFICATION  
NO. 04-2158520

FEDERAL IDENTIFICATION  
NO. 04-2774441  
Fee: \$35.00

# The Commonwealth of Massachusetts

William Francis Galvin  
Secretary of the Commonwealth  
One Ashburton Place, Boston, Massachusetts 02108-1512

## ARTICLES OF \*CONSOLIDATION / \*MERGER (General Laws, Chapter 180, Section 10) Domestic and Domestic Corporations

\*Consolidation / \*merger of

(m) IMMUNE DISEASE INSTITUTE, INC.

042158520 1/19/1953

and

(s) THE CHILDREN'S HOSPITAL CORPORATION

042774441 8/13/1982  
the constituent corporations, into  
THE CHILDREN'S HOSPITAL CORPORATION

\*one of the constituent corporations / \*a new corporation:

The undersigned officers of each of the constituent corporations certify under the penalties of perjury as follows:

1. The agreement of \*consolidation / \*merger was duly adopted in accordance and compliance with the requirements of General Laws, Chapter 180, Section 10.
2. That if any of the constituent corporations constitutes a public charity, then the resulting or surviving corporation shall be a public charity.
3. The resulting or surviving corporation shall furnish a copy of the agreement of \*consolidation / \*merger to any of its members or to any person who was a stockholder or member of any constituent corporation upon written request and without charge.
4. The effective date of the \*consolidation / \*merger determined pursuant to the agreement of \*consolidation / \*merger shall be the date approved and filed by the Secretary of the Commonwealth. If a *later* effective date is desired, specify such date which shall not be more than *thirty days* after the date of filing:

October 1, 2012

### 5. (For a merger)

(a) The following amendments to the Articles of Organization of the *surviving* corporation have been effected pursuant to the agreement of merger:

None.

C ☐  
P ☐  
M ☐  
R.A. ☐

P.C.

\*Delete the inapplicable word.

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(For a consolidation)

(b) The purpose of the *resulting* corporation is to engage in the following activities:

Not applicable.

**\*\***(c) The resulting corporation may have one or more classes of members. If it does, the designation of such class or classes, the manner of election or appointment, the duration of membership and the qualification and rights, including voting rights, of the members of each class, may be set forth in the bylaws of the corporation or may be set forth below:

Not applicable.

**\*\***(d) Other lawful provisions, if any, for the conduct and regulation of the business and affairs of the resulting corporation, for its voluntary dissolution, or for limiting, defining, or regulating the powers of the corporation, or of its directors or members, or of any class of members, are as follows:

Not applicable.

6. The information contained in Item 6 is *not* a *permanent* part of the Articles of Organization of the *\*resulting* / *\*surviving* corporation.

(a) The street address of the *\*resulting* / *\*surviving* corporation in Massachusetts is: *(post office boxes are not acceptable)*

300 Longwood Avenue, Boston, MA 02115

(b) The name, residential address and post office address of each director and officer of the \*resulting / \*surviving corporation is:

| NAME                         | RESIDENTIAL ADDRESS                   | POST OFFICE ADDRESS                   |
|------------------------------|---------------------------------------|---------------------------------------|
| President: Sandra L. Fenwick | 300 Longwood Avenue, Boston, MA 02115 | 300 Longwood Avenue, Boston, MA 02115 |
| Treasurer: Bruce Baiter      | 300 Longwood Avenue, Boston, MA 02115 | 300 Longwood Avenue, Boston, MA 02115 |
| Clerk: Stuart Novick         | 300 Longwood Avenue, Boston, MA 02115 | 300 Longwood Avenue, Boston, MA 02115 |
| Directors: See attached      |                                       |                                       |

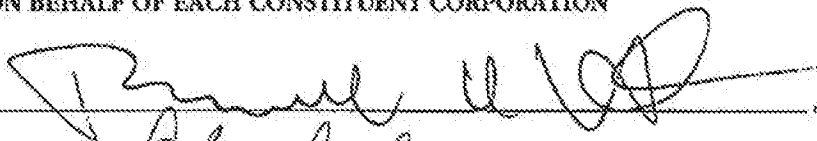
(c) The fiscal year (i.e. tax year) of the \*resulting / \*surviving corporation shall end on the last day of the month of:  
September

(d) The name and business address of the resident agent, if any, of the \*resulting / \*surviving corporation is:  
None.

The undersigned officers of the several constituent corporations listed herein further state under the penalties of perjury as to their respective corporations that the agreement of \*consolidation / \*merger has been duly executed on behalf of such corporations and duly approved by the members / stockholders / directors of such corporations in the manner required by General Laws, Chapter 180, Section 10.

TO BE EXECUTED ON BEHALF OF EACH CONSTITUENT CORPORATION

Frederick W. All



, \*President / \*Vice President

Stuart Novick



, \*Clerk / \*Assistant Clerk

of IMMUNE DISEASE INSTITUTE, INC.

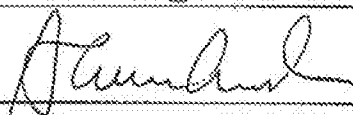
(Name of constituent corporation)

Sandra L. Fenwick



, \*President / \*Vice President

Stuart Novick



, \*Clerk / \*Assistant Clerk

of THE CHILDREN'S HOSPITAL CORPORATION

(Name of constituent corporation)

Attachment for 6(b) of Certificate of Merger of  
Immune Disease Institute, Inc.  
with and into  
The Children's Hospital Corporation

| <u>Corporate Officers</u> | <u>Title</u>        | <u>Address</u>                          |
|---------------------------|---------------------|-----------------------------------------|
| Stephen R. Karp           | Chairman            | 300 Longwood Avenue<br>Boston, MA 02115 |
| James Mandell, MD         | CEO                 | 300 Longwood Avenue<br>Boston, MA 02115 |
| Sandra Fenwick            | President and COO   | 300 Longwood Avenue<br>Boston, MA 02115 |
| Bruce Balter              | Treasurer           | 300 Longwood Avenue<br>Boston, MA 02115 |
| Stuart Novick             | Secretary           | 300 Longwood Avenue<br>Boston, MA 02115 |
| Dianne Hatfield           | Assistant Secretary | 300 Longwood Avenue<br>Boston, MA 02115 |

Board of Trustees

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Stephen R. Karp, Chairman         | 300 Longwood Avenue, Boston, MA 02115 |
| Douglas A. Berthiaume, Vice Chair | 300 Longwood Avenue, Boston, MA 02115 |
| Allan Bufferd                     | 300 Longwood Avenue, Boston, MA 02115 |
| Sandra L. Fenwick, ex officio     | 300 Longwood Avenue, Boston, MA 02115 |
| Gary Fleisher, MD                 | 300 Longwood Avenue, Boston, MA 02115 |
| William Harmon                    | 300 Longwood Avenue, Boston, MA 02115 |
| Winston Henderson                 | 300 Longwood Avenue, Boston, MA 02115 |
| Mira Irons, MD, ex officio        | 300 Longwood Avenue, Boston, MA 02115 |
| James Kasser, MD, ex officio      | 300 Longwood Avenue, Boston, MA 02115 |
| Harvey Lodish, PhD                | 300 Longwood Avenue, Boston, MA 02115 |
| Gary Loveman                      | 300 Longwood Avenue, Boston, MA 02115 |
| James Mandell, MD, ex officio     | 300 Longwood Avenue, Boston, MA 02115 |
| Ralph Martin                      | 300 Longwood Avenue, Boston, MA 02115 |
| Thomas Melendez                   | 300 Longwood Avenue, Boston, MA 02115 |
| Robert A. Smith                   | 300 Longwood Avenue, Boston, MA 02115 |
| Robert E. Smyth                   | 300 Longwood Avenue, Boston, MA 02115 |
| Eileen Sporing                    | 300 Longwood Avenue, Boston, MA 02115 |
| Alison Taunton-Rigby, PhD         | 300 Longwood Avenue, Boston, MA 02115 |
| Ann Thornburg                     | 300 Longwood Avenue, Boston, MA 02115 |
| Marc B. Wolpow                    | 300 Longwood Avenue, Boston, MA 02115 |
| Gregory Young, MD, ex officio     | 300 Longwood Avenue, Boston, MA 02115 |

THE COMMONWEALTH OF MASSACHUSETTS

ARTICLES OF \*CONSOLIDATION / \*MERGER

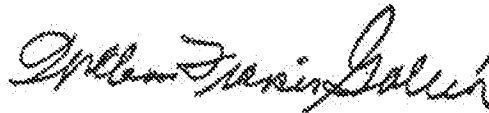
(General Laws, Chapter 180, Section 10)

Domestic and Domestic Corporations

I hereby approve the within Articles of \*Consolidation / \*Merger and,  
the filing fee in the amount of \$ 35, having been paid,  
said articles are deemed to have been filed with me this 08  
day of Sept, 2012.

1161765

Effective date: October 1, 2012



WILLIAM FRANCIS GALVIN

*Secretary of the Commonwealth*

SECRETARY OF THE  
COMMONWEALTH  
2012 SEP 28 AM 8:53  
CORPORATION DIVISION

TO BE FILLED IN BY CORPORATION

Contact information:

Meagan Cavanaugh

c/o Ropes & Gray, LLP

Prudential Tower, 800 Boylston Street, Boston, MA 02199

Telephone: 617.951.7830

Email: meagan.cavanaugh@ropesgray.com

A copy this filing will be available on-line at [www.state.ma.us/sec/cor](http://www.state.ma.us/sec/cor)  
once the document is filed.

PATENT

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any other chapter of the General Laws of The Commonwealth of Massachusetts; and provided, further, that the corporation shall not engage in any activity or exercise any power which would deprive it of any exemption from federal income tax which the corporation may receive under Section 501(c)(3) of the Internal Revenue Code.

(v) All references herein: (i) to the Internal Revenue Code shall be deemed to refer to the Internal Revenue Code of 1954, as now in force or hereafter amended; (ii) to the General Laws of The Commonwealth of Massachusetts, or any chapter thereof, shall be deemed to refer to said General Laws or chapter as now in force or hereafter amended; and (iii) to particular sections of the Internal Revenue Code or the General Laws of The Commonwealth of Massachusetts shall be deemed to refer to similar or successor provisions hereafter adopted.

"We further certify that the foregoing restated articles of organization effect no amendments to the articles c  
organization of the corporation as heretofore amended, except amendments to the following articles .....

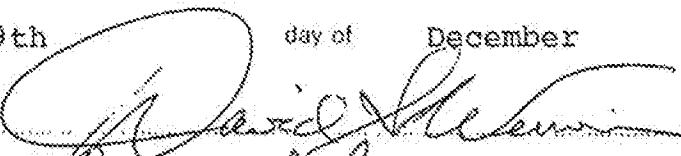
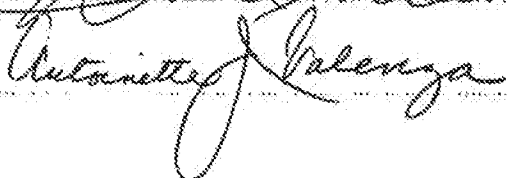
(If there are no such amendments, state "None".)

The Articles of Organization have been restated  
in their entirety.

The effective date of these Restated Articles of  
Organization shall be January 1, 1983.

IN WITNESS WHEREOF AND UNDER THE PENALTIES OF PERJURY, we have hereto signed our names this

29th day of December in the year 19 82.

 President/XXXXXXXXXX  
 Asst.  
Secretary  
XXXXXXXXXXXXXX

35590

5-39  
0384

THE COMMONWEALTH OF MASSACHUSETTS

RESTATED ARTICLES OF ORGANIZATION

(General Laws, Chapter 180, Section 7)

I hereby approve the within restated articles of  
organization and, the filing fee in the amount of 30.00  
having been paid, said articles are deemed to have been  
filed with me this 30th day  
of December 1982

Effective Date January 1, 1983

*Michael Joseph Connolly*  
MICHAEL JOSEPH CONNOLLY

Secretary of the Commonwealth

State House, Boston, Mass.

TO BE FILLED IN BY CORPORATION

PHOTO COPY OF RESTATED ARTICLES OF ORGANIZATION TO BE SENT

to: Ronald B. Schram, Esquire  
Ropes & Gray  
225 Franklin Street  
Boston, MA 02110  
(617) 423-6100