PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen T. DUNNE	08/05/2011
Holger HOLAKOVSKY	08/05/2011
Alexander BACH	08/05/2011
Jens BESSELER	08/05/2011
Manuel KRAKOWKA	08/05/2011
Gilbert WUTTKE	08/05/2011

RECEIVING PARTY DATA

Name:	Boehringer Ingelheim International GmbH	
Street Address:	Binger Strasse 173	
City:	Ingelheim am Rhein	
State/Country:	FEDERAL REPUBLIC GERMANY	
Postal Code:	55216	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13147655	

CORRESPONDENCE DATA

Fax Number: (203)837-5616

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

2037989988 Phone:

pat.farney@boehringer-ingelheim.com Email: Correspondent Name: Boehringer Ingelheim Corporation

Address Line 1: 900 Ridgebury Road Address Line 2: P. O. Box 368

Address Line 4: Ridgefield, CONNECTICUT 06877

ATTORNEY DOCKET NUMBER: 01-2547

PATENT

REEL: 026881 FRAME: 0430

501653206

NAME OF SUBMITTER:	Anthony P. Bottino	
Total Attachments: 12	Total Attachments: 12	
source=01-2547-Signed-Assignment#page1	.tif	
source=01-2547-Signed-Assignment#page2	.tif	
source=01-2547-Signed-Assignment#page3.tif		
source=01-2547-Signed-Assignment#page4.tif		
source=01-2547-Signed-Assignment#page5.tif		
source=01-2547-Signed-Assignment#page6.tif		
source=01-2547-Signed-Assignment#page7.tif		
source=01-2547-Signed-Assignment#page8.tif		
source=01-2547-Signed-Assignment#page9.tif		
source=01-2547-Signed-Assignment#page10.tif		
source=01-2547-Signed-Assignment#page11.tif		
source=01-2547-Signed-Assignment#page12.tif		

Case No.: 01-2547

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country:: GB

Given Name:: Stephen T.
Family Name:: DUNNE
Street of mailing address:: The Cottage

Great Finborough

Stowmarket

City of mailing address::

State or Province of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

Stowmarket

Suffolk

GB

IP14 3AE

Country of residence:: GB

City of residence::

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country:: DE
Given Name:: Holger

Family Name:: HOLAKOVSKY

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein

Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216
City of residence:: Witten
Country of residence:: DE

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country:: DE

Given Name:: Alexander
Family Name:: BACH

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein

Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216
City of residence:: Essen
Country of residence:: DE

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country:: DE Given Name:: Jens

Family Name:: BESSELER

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address::

City of mailing address::

Binger Strasse 173

Ingelheim am Rhein

Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216

City of residence:: Bingen am Rhein

Country of residence:: DE

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country::

Given Name::

Family Name::

KRAKOWKA

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein

Country of mailing address::

Postal or Zip Code of mailing address::

City of residence::

Country of residence::

DE

Applicant Authority Type:: Inventor
Status:: Full Capacity

Primary Citizenship Country:: DE
Given Name:: Gilbert
Family Name:: WUTTKE

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address:: Binger Strasse 173
City of mailing address: Ingelheim am Rhein

Country of mailing address::

Postal or Zip Code of mailing address::

City of residence::

Country of residence::

DE

DE

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

DEVICE, CARTRIDGE AND METHOD FOR DISPENSING A LIQUID ("the Application")

which	
	was executed by the Assignors on
\boxtimes	was deposited with the United States Patent and Trademark Office on August 3, 2011, and accorded Serial No.: 13/147,655.

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Stephen T. DUNNE	August or, 2011
Holger HOLAKOVSKY	
Alexander BACH	
Jens BESSELER	
Manuel KRAKOWKA	
Gilbert WUTTKE	

Case No.: 01-2547

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Applicant Authority Type:: Inventor Status:: **Full Capacity**

Primary Citizenship Country:: GB

Given Name:: Stephen T. Family Name:: DUNNE Street of mailing address:: The Cottage

Great Finborough

City of mailing address:: Stowmarket

State or Province of mailing address:: Suffolk Country of mailing address:: GB Postal or Zip Code of mailing address:: **IP143AE** City of residence:: Stowmarket

Country of residence:: GB

Applicant Authority Type:: Inventor Status:: **Full Capacity**

Primary Citizenship Country:: DE

Given Name:: Holger Family Name:: HOLAKOVSKY

Mailing address:: **Boehringer Ingelheim GmbII**

CD Patents

Street of mailing address:: **Binger Strasse 173** City of mailing address:: Ingelheim am Rhein

Country of mailing address:: DE Postal or Zip Code of mailing address:: 55216 Witten

City of residence:: Country of residence:: DE

Applicant Authority Type:: Inventor Status:: **Full Capacity**

Primary Citizenship Country:: DEC

Given Name:: Alexander Family Name:: **BACH**

Mailing address:: Boehringer Ingelheim GmbH

CD Patents

Street of mailing address:: Binger Strasse 173 City of mailing address:: Ingelheim am Rhein

Country of mailing address:: DE Postal or Zip Code of mailing address:: 55216

City of residence:: Essen Country of residence:: DE

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name::

Family Name::

Mailing address::

Street of mailing address::

City of mailing address::
Country of mailing address::

Postal or Zip Code of mailing address::

City of residence::

Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name:: Mailing address::

Street of mailing address:: City of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

City of residence:: Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name::

Mailing address::

Street of mailing address:: City of mailing address::

Country of mailing address::
Postal or Zip Code of mailing address::

Postal or Zip Code of mailing City of residence:: Country of residence:: Inventor
Full Capacity

DE Jens

BESSELER

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216

Bingen am Rhein

DE

Inventor

Full Capacity

DE Manuel

KRAKOWKA

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Welver DE

Inventor

Full Capacity

DE Gilbert WUTTKE

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Dortmund

DE

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

DEVICE, CARTRIDGE AND METHOD FOR DISPENSING A LIQUID ("the Application")

which	(the rippication)
	was executed by the Assignors on
\boxtimes	was deposited with the United States Patent and Trademark Office on August 3, 2011, and accorded Serial No.: 13/147,655.

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Stephen T. DUNNE	***************************************
Holger HOLAKOVSKY	1-g ust 05, 2014
Alexander BACH Alexander Bach	Aupust 05, 2011
Jens BESSELER LUS BESSES	August 05,2011
	V
Manuel KRAKOWKA	
Gilbert WUTTKE Jelbert Jouthe	August 05, 2011

Case No.: 01-2547

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name::

Street of mailing address::

City of mailing address::

State or Province of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

City of residence::
Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name::

Mailing address::

Street of mailing address::

City of mailing address:: Country of mailing address::

Postal or Zip Code of mailing address::

City of residence:: Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name::

Mailing address::

Street of mailing address:: City of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

City of residence:: Country of residence:: Inventor

Full Capacity

GB

Stephen T.
DUNNE
The Cottage

Great Finborough

Stowmarket Suffolk GB

IP14 3AE Stowmarket

GB

Inventor

Full Capacity

DE Holger

HOLAKOVSKY

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Witten DE

Inventor

Full Capacity

DE

Alexander BACH

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Essen DE Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name::

Mailing address::

Street of mailing address:: City of mailing address:: Country of mailing address::

Postal or Zip Code of mailing address::

City of residence:: Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name:: Mailing address::

Street of mailing address:: City of mailing address:: Country of mailing address::

Postal or Zip Code of mailing address::

City of residence:: Country of residence::

Applicant Authority Type::

Status::

Primary Citizenship Country::

Given Name:: Family Name:: Mailing address::

Street of mailing address:: City of mailing address:: Country of mailing address::

Postal or Zip Code of mailing address:: City of residence::

Country of residence::

Inventor
Full Capacity

DE Jens

BESSELER

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216

Bingen am Rhein

DE

Inventor Full Capacity

DE Manuel KRAKOWKA

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Welver DE

Inventor
Full Capacity

DE Gilbert WUTTKE

Boehringer Ingelheim GmbH

CD Patents

Binger Strasse 173 Ingelheim am Rhein

DE 55216 Dortmund

DE

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

DEVICE, CARTRIDGE AND METHOD FOR DISPENSING A LIQUID ("the Application")

which	(the Appheation)
	was executed by the Assignors on
\boxtimes	was deposited with the United States Patent and Trademark Office on August 3, 2011, and accorded Serial No.: 13/147,655.

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Stephen T. DUNNE	***************************************
	77
Holger HOLAKOVSKY	
	TREET-ARREST STREET, S
Alexander BACH	

Jens BESSELER	
Manuel KRAKOWKA	° 08/05/pm
<u></u>	
Gilbert WUTTKE	