

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS PHARMA AG	01/19/2009
RECEIVING PARTY DATA	
Name:	NOVARTIS AG
Street Address:	LICHTSTRASSE 35
City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12099302
CORRESPONDENCE DATA	
Fax Number:	9737818064
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	pip_inbox.phchbs@novartis.com
Correspondent Name:	NOVARTIS
Address Line 1:	MICHAEL J. MAZZA
Address Line 2:	ONE HEALTH PLAZA, BLDG. 101
Address Line 4:	EAST HANOVER, NEW JERSEY 07936-1080
ATTORNEY DOCKET NUMBER:	PAT053421-US-CNT02
NAME OF SUBMITTER:	Michael J. MAZZA
Signature:	/Michael J. Mazza/
Date:	08/15/2013
Total Attachments: 4 source=12099302_Assgn_NAG#page1.tif source=12099302_Assgn_NAG#page2.tif source=12099302_Assgn_NAG#page3.tif source=12099302_Assgn_NAG#page4.tif	

CH \$40.00 12099302



### Attestation

I, the undersigned notary public of Basel, Switzerland, Dr. Matthias Staehelin, certify herewith that the above signatures are the genuine signatures of **Ms. June Violet Mentel**, citizen of Grenchen/SO, Switzerland, residing in Arlesheim/BL, Switzerland, and of **Mr. Arthur Canonica**, citizen of Corticiasca/TI, Switzerland, residing in Wisen/SO, Switzerland, both acting for **Novartis Pharma AG**, in Basel, Switzerland, both as proxy holders, both with joint signature.

The authenticity of the signatures was established by means of comparison.

**Basel**, Switzerland, this 21<sup>st</sup> (twenty-first) day of January 2009 (two thousand and nine)



*M. Staehelin, Notar*  
Dr. M. Staehelin  
Notar

Leg. Prot. Nr. 295 /2009

SCHEDULE A TO ASSIGNMENT

[See Attachment]

MATTER NO	COUNTRY ID	SERIAL NO	PATENT NO	PUBL NO	TITLE	RELATED	STATUS	FILE	PUBL	ISSUE	EXPIRATION
016770-005812US	US	N/A			METHODS AND SYSTEMS FOR OPERATING AN AEROSOL GENERATOR		EXPIRED	1/8/2003			1/8/2004
016770-005630US	US	10/996,994	7,331,339	US 2005-0172954A1	METHODS AND SYSTEMS FOR OPERATING AN AEROSOL GENERATOR	016770-005620US	ISSUED	11/23/2004	8/11/2005	2/19/2008	8/9/2022
016770-005640US	US	11/928,214		US-2008-0060641-A1	METHODS AND SYSTEMS FOR OPERATING AN AEROSOL GENERATOR	016770-005630US	PUBLISHED	10/30/2007			3/20/2021
016770-005700US	US				PIEZOELECTRIC POLYMER AEROSOL PUMP	n/a	ABANDONED				12/10/2005
016770-005800US	US	n/a			No title	n/a	ABANDONED				12/10/2005
016770-005900US	US				BREATH HUMIDITY MEASUREMENT	n/a	ABANDONED				12/10/2005
016770-006000US	US	29/153,493	D469,866		INHALER FOR DISPENSING MEDICATIONS		ISSUED	1/7/2002		2/4/2003	2/4/2017
016770-006100US	US	29/153,494	D474,536		INHALER FOR DISPENSING MEDICATIONS		ISSUED	1/7/2002		5/13/2003	5/13/2017
016770-006200US	US	29/153,495	D471,273		INHALER FOR DISPENSING MEDICAMENTS		ISSUED	1/7/2002		3/4/2003	3/4/2017
016770-006300US	US	29/153,496	D479,745		INHALER FOR DISPENSING MEDICATIONS		ISSUED	1/7/2002		9/16/2003	9/16/2017
016770-006500US	US	60/346,789			DEVICES & METHODS FOR NEBULIZING FLUIDS FOR INHALATION		EXPIRED	1/7/2002			1/7/2003
016770-006511US	US	10/338,194	7,360,536	US20030150446	DEVICES & METHODS FOR NEBULIZING FLUIDS FOR INHALATION	016770-006500US	ISSUED	1/7/2003	8/14/2003	4/2/2008	8/22/2025
016770-006512US	US	12/099,302		US-2008-0184993-A1	DEVICES & METHODS FOR NEBULIZING FLUIDS FOR INHALATION	016770-006511US	PUBLISHED	4/8/2008	8/7/2008		1/7/2023
016770-006510US	US	60/403,454			DEVICES & METHODS FOR NEBULIZING FLUIDS FOR INHALATION		EXPIRED	8/13/2002			8/13/2003
016770-006600US	US	60/382,256			APPARATUS AND METHOD FOR PROVIDING AEROSOL FOR MEDICAL TREATMENT		EXPIRED	5/20/2002			5/20/2003