### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Piet Dewaele	10/09/2009
Samar Mohamed	11/11/2009
Gert Behiels	10/26/2009

### **RECEIVING PARTY DATA**

Name:	Agfa HealthCare N.V.
Street Address:	Septestraat 27
City:	Mortsel
State/Country:	BELGIUM
Postal Code:	B-2640

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12436536

### **CORRESPONDENCE DATA**

Fax Number: (781)863-9931

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

Phone: 7818639991

Email: claire.handalian@ghme.com

Correspondent Name: J. Grant Houston
Address Line 1: 4 Militia Drive
Address Line 2: Suite 4

Address Line 4: Lexington, MASSACHUSETTS 02421

ATTORNEY DOCKET NUMBER:	0119.0100US1 (HEGN08003)
NAME OF SUBMITTER:	J. Grant Houston

Total Attachments: 6

source=0119.0100US1 Signed Assign All#page1.tif

PATENT REEL: 023505 FRAME: 0184 12436536

CH \$40.00

501013102

source=0119.0100US1 Signed Assign All#page2.tif source=0119.0100US1 Signed Assign All#page3.tif source=0119.0100US1 Signed Assign All#page4.tif source=0119.0100US1 Signed Assign All#page5.tif source=0119.0100US1 Signed Assign All#page6.tif

> PATENT REEL: 023505 FRAME: 0185

PATENT ATTORNEY DOCKET: 0119.0100USI (HEGN08003)

#### ASSIGNMENT

Whereas we, the undersigned,

Piet Dewaele, a citizen of Belgium;

Samar Mohamed, a citizen of Egypt and Canada;

Gert Behiels, a citizen of Belgium;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

METHOD FOR MASS CANDIDATE DETECTION AND SEGMENTATION IN DIGITAL MAMMOGRAMS

identified as Attorney Docket No. 0119.0100US1 (HEGN08003) which application was filed on May 6, 2009, and assigned Application No. 12/436,536; and

Whereas, **Agfa HealthCare NV**, having an office and a place of business at Septestraat 27, 2640 Mortsel, Belgium, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed European Application Number EP 08103868.9, filed on May 8, 2008 and U.S. Provisional 61/051,815, filed on May 9, 2008, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all

PATENT REEL: 023505 FRAME: 0186 32-3-4447498

### PATENT ATTORNEY DOCKET: 0119.0100US1 (HEGN08003)

said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: Oet 9, 2009 Piet Dewa

riet Dewaeie

I declare that I did see the above-named individual sign this document in my presence.

Witness:

Date: 09/10/2009

# PATENT ATTORNEY DOCKET: 0119.0100US1 (HEGN08003)

AGFA PAT.DEP.

Dated:			
_ <del>_</del>	<del></del>	Samar Mohamed	
I declare that I did see the above-named individual sign this document in my presence.			
Witness:		Date:	
Dated: <u>26</u>	Ict, 2003	B. July	
	I declare that I did see the above-namindividual sign this document in my p		
Witness: 26	5 [10   2009	Date:	
		JEROEN CANT	

#### ASSIGNMENT

Whereas we, the undersigned,

Piet Dewaele, a citizen of Belgium;

Samar Mohamed, a citizen of Egypt and Canada;

Gert Behiels, a citizen of Belgium;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

### METHOD FOR MASS CANDIDATE DETECTION AND SEGMENTATION IN DIGITAL MAMMOGRAMS

identified as Attorney Docket No. 0119.0100US1 (HEGN08003) which application was filed on May 6, 2009, and assigned Application No. 12/436,536; and

Whereas, Agfa HealthCare NV, having an office and a place of business at Septestraat 27, 2640 Mortsel, Belgium, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited:

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- I. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed European Application Number EP 08103868.9, filed on May 8, 2008 and U.S. Provisional 61/051,815, filed on May 9, 2008, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignce to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all

## PATENT ATTORNEY DOCKET: 0119.0100US1 (HEGN08003)

said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

Piet Dewaele	
Date:	
	above-named ent in my presence.

In testimony of which we have executed this Assignment on the date indicated next to

# PATENT ATTORNEY DOCKET: 0119.0100USI (HEGN08003)

Dated: <u>MO</u> C	J. 10 1209	Samar Mohamed	-
Witness:	I declare that I did see the above-na individual sign this document in my		•
			, mg +
Dated:	<del>,,,,,,</del>	Gert Behlels	
	I declare that I did see the above-na individual sign this document in my		
Witness:		Date:	