502150254 12/04/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hongjian Shi	09/13/2010
Arun Singh	09/13/2010
Uwe Mundry	09/10/2010
Ed Marandola	09/13/2010
Somchai Kreang-arekul	10/08/2010

RECEIVING PARTY DATA

Name:	Imaging Sciences International LLC	
Street Address:	1910 North Penn Road	
City:	Hatfield	
State/Country:	PENNSYLVANIA	
Postal Code:	19440	

PROPERTY NUMBERS Total: 1

	Property Type	Number
A	pplication Number:	13693854

CORRESPONDENCE DATA

Fax Number: 4142770656

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

Phone: 414-271-6560

Email: mkeipdocket@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (Mke)

Address Line 1: 100 E WISCONSIN AVENUE

Address Line 2: **Suite 3300**

502150254

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	026212-9023-US02
NAME OF SUBMITTER:	Derek C. Stettner
	PATENT

Total Attachments: 12 source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page1.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page2.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page3.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page4.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page5.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page6.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page7.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page8.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page9.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page10.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page11.tif source=12230223_026212-9023-US02_-_As_Filed_Assignment_-_from_US01#page12.tif

PATENT REEL: 029403 FRAME: 0505

ASSIGNMENT

Pursuant to our obligation to Imaging Sciences International LLC (hereinafter referred to as "Assignee"), a Delaware Corporation having its principal place of business at:

1910 North Penn Road Hatfield, PA 19440

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Hongjian Shi 1503 Bellevue Lane Souderton, PA 18964

Arun Singh 234 E. Mallard Drive North Wales, PA 19454

Ed Marandola 1401 Meetinghouse Road Gwynedd, PA 19436

Uwe Mundry 811 Butter Street Landrum, SC 29356

Somchai Kreang-arekul 99/51 Moo 6 Bangrakyai, Bangbouthong 11110 Nonthaburi, Thailand

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to inventions described in a patent application titled "PANORAMIC DENTAL IMAGING USING SEGMENTATION AND A MASTER ARCH" for which we filed United States Patent Application No. 12/847,590 (Atty. File No. 026212-9023-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/230,411, filed July 31, 2009 (hereinafter the "U.S. provisional patent application") (Atty. File No. 026212-9023-US00);
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

PATENT

- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent application, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

State of Montgomery

Hongjian Shi

I do hereby certify that **Hongjian Shi**, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day and acknowledged that said instrument was signed and delivered as the free and voluntary act of **Hongjian Shi**, for the uses and purposes therein set forth.

Given under my hand and seal, this

13+h

day of <u>September</u> 201

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Adele L. Krikory, Notary Public Trumbauersville Boro, Bucks County My Commission Expires July 28, 2012

Member, Pennsylvania Association of Notaries

2

September 13, 2010 Ann Sign
Date Arun Singh
State of <u>PA</u>)
County of Hontgomany)
I do hereby certify that Arun Singh , personally known to me to be the same person or persons
who signed the foregoing instrument, appeared before me this day and acknowledged that said
instrument was signed and delivered as the free and voluntary act of Arun Singh, for the uses
and purposes therein set forth.
Given under my hand and seal, this 13th day of September 2010.
adile L. Kning
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Notary Public
Adele L. Krikory, Notary Public Trumbauersville Boro, Bucks County My Commission Expires July 28, 2012
Member, Pennsylvania Association of Notaries
September 3, 2010
Date Ed Marandola
Pa
State of PA State of PA Date Ed Marandola
Pr
State of PA
State of PA
State of PA County of Montgomeny)
State of

PATENT

Date	Uwe Mundry
State of)	
)	
County of)	
I do hereby certify that Uwe Mundry, personally kno	own to me to be the same person or persons
who signed the foregoing instrument, appeared before	ore me this day and acknowledged that said
instrument was signed and delivered as the free and	d voluntary act of Uwe Mundry , for the uses
and purposes therein set forth.	
Given under my hand and seal, this _	day of2010
	Notary Public
Date	Somchai Kreang-arekul
State of)	
)	
County of)	
I do hereby certify that Somchai Kreang-arekul, pe	ersonally known to me to be the same
person or persons who signed the foregoing instrum	nent, appeared before me this day and
acknowledged that said instrument was signed and	delivered as the free and voluntary act of
Somchai Kreang-arekul, for the uses and purposes	s therein set forth.
Given under my hand and seal, this _	day of2010
	Notary Public
T:\CLIENTA\026212\9023\A4066651-0	, · · ·

PATENT

ASSIGNMENT

Pursuant to our obligation to Imaging Sciences International LLC (hereinafter referred to as "Assignee"), a Delaware Corporation having its principal place of business at:

1910 North Penn Road Hatfield, PA 19440

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Hongjian Shi 1503 Bellevue Lane Souderton, PA 18964

Arun Singh 234 E. Mallard Drive North Wales, PA 19454

Ed Marandola 1401 Meetinghouse Road Gwynedd, PA 19436

Uwe Mundry 811 Butter Street Landrum, SC 29356

Somchai Kreang-arekul 99/51 Moo 6 Bangrakyai, Bangbouthong 11110 Nonthaburi, Thailand

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to inventions described in a patent application titled "PANORAMIC DENTAL IMAGING USING SEGMENTATION AND A MASTER ARCH" for which we filed United States Patent Application No. 12/847,590 (Atty. File No. 026212-9023-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/230,411, filed July 31, 2009 (hereinafter the "U.S. provisional patent application") (Atty. File No. 026212-9023-US00);
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

PATENT REEL: 029403 FRAME: 0510

- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent application, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date	Hongjian Shi	
State of)		
State of) County of)		
I do hereby certify that Hongjian Shi , persons who signed the foregoing instrumthat said instrument was signed and deliver	nent, appeared before me this	day and acknowledged
the uses and purposes therein set forth.		
Given under my hand and s	eal, this day of	2010.
	Notary P	ublic

Date	Arun	Singh	
State of)			
) County of)			
I do hereby certify that Arun Singh , person who signed the foregoing instrument, apprints instrument was signed and delivered as the and purposes therein set forth.	peared before m	e this day and acknowle	dged that said
Given under my hand and	seal, this	day of	2010.
		Notary Public	
Date	Ed M	larandola	
State of)			
County of)			
I do hereby certify that Ed Marandola , per persons who signed the foregoing instrument that said instrument was signed and delive for the uses and purposes therein set forton	ment, appeared l	before me this day and a	cknowledged
Given under my hand and	seal, this	day of	2010.
		Notary Public	

September 10, 2010 Date	Jew Chily Wwe Mundry
State of South Carolina)	
County of Greenville)	
who signed the foregoing instrument, appeare	ally known to me to be the same person or persons ed before me this day and acknowledged that said ree and voluntary act of Uwe Mundry , for the uses
Given under my hand and seal	, this 10th day of September 2010.
-	angla Beam
	Notary Public
	MY COMMISSION EXPIRET APRIL 2674 2016
Date	Somchai Kreang-arekul
State of)	
)	
County of)	
I do hereby certify that Somchai Kreang-arel person or persons who signed the foregoing i acknowledged that said instrument was signe Somchai Kreang-arekul , for the uses and put	nstrument, appeared before me this day and ed and delivered as the free and voluntary act of
Given under my hand and seal	, this day of2010.
<u>-</u>	Notary Public

T:\CLIENTA\026212\9023\A4066651.0

ASSIGNMENT

Pursuant to our obligation to Imaging Sciences International LLC (hereinafter referred to as "Assignee"), a Delaware Corporation having its principal place of business at:

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Arun Singh 234 E. Mallard Drive North Wales, PA 19454

Ed Marandola 1401 Meetinghouse Road Gwynedd, PA 19436

Uwe Mundry 811 Butter Street Landrum, SC 29356

Somchai Kreang-arekul 99/51 Moo 6 Bangrakyai, Bangbouthong 11110 Nonthaburi, Thailand

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- (1) in and to inventions described in a patent application titled "PANORAMIC DENTAL IMAGING USING SEGMENTATION AND A MASTER ARCH" for which we filed United States Patent Application No. 12/847,590 (Atty. File No. 026212-9023-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/230,411, filed July 31, 2009 (hereinafter the "U.S. provisional patent application") (Atty. File No. 026212-9023-US00);
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PATENT REEL: 029403 FRAME: 0514

- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent application, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date	H	ongjian Shi	
State of	·		
County of)		
I do hereby certify that Hong, persons who signed the foregoi that said instrument was signed the uses and purposes therein s	ing instrument, appeal and delivered as the	red before me this day and	acknowledged
Given under my h	nand and seal, this	day of	2010.
		Notary Public	

Date	Arun Singh
State of)	
)	
County of)	·
I do hereby certify that Arun Singh , personall	y known to me to be the same person or persons
who signed the foregoing instrument, appeare	d before me this day and acknowledged that said
instrument was signed and delivered as the fr	ee and voluntary act of Arun Singh , for the uses
and purposes therein set forth.	
Given under my hand and seal,	this day of2010.
_	· · · · · · · · · · · · · · · · · · ·
	Notary Public
Date	Ed Marandola
Date	Eu Marandola
State of)	
)	
County of)	
I do hereby certify that Ed Marandola, person	ally known to me to be the same person or
·	appeared before me this day and acknowledged
	as the free and voluntary act of Ed Marandola,
for the uses and purposes therein set forth.	
Given under my hand and seal,	thisday of2010.
-	Notary Public

3

Date	Uwe Mundry	the state of the s
State of)		
)		
County of)		
I do hereby certify that Uwe Mundry , person	onally known to me to be the same	person or persons
who signed the foregoing instrument, appe		
instrument was signed and delivered as th	e free and voluntary act of Uwe Mu	ndry, for the uses
and purposes therein set forth.		
Given under my hand and so	eal, this day of	2010.
	Notary Public	
Date State of Kingdom of Thailand Bangkok Metropolis Embassy of the United State of America	Somchai Kreang-arekul	
I do hereby certify that Somchai Kreang-	arekul, personally known to me to t	pe the same
person or persons who signed the foregoin	ng instrument, appeared before me	this day and
acknowledged that said instrument was sig	gned and delivered as the free and	voluntary act of
Somchai Kreang-arekul, for the uses and	I purposes therein set forth.	
Given under my hand and s	eal, thisdayoo	2010 2010
,	KWobb	TV must a
		Kerry Webb Consular Associate of th

PATENT REEL: 029403 FRAME: 0517

RECORDED: 12/04/2012