	DECORE	DATION FORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE
7		Patent and Trademark Office	
മ200	DE STRAIS & Heldery LLP	ATENTS ONLY	<u> </u>
Τo	the Director of the U.S. Patent and Trademark O	ffice: Please record the attached document	
	Name of conveying parties:		
	(1) Bernd GEISER	(4) Herve TADDE (5) Aulis TELLE	
	(2) Peter JAX (3) Stefan SCHANDL	(6) Peter VARY	
	Name and Address of receiving party:		
	Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Munich Germany		
	Nature of conveyance: Assignment	Merger	
	- Agreement	Change of Name	0007.
	To the state of th	of Non-Recordation of November 5, e Third Assignor's Execution Date to	specify February 22,
	2007:	a Fourth Assignor's Name to specify	Herve TADDE <u>I:</u>
	<u>Record to correct A</u>	ssignee's Address to specify Wittels	<u>bacherplatz 2, 80333</u>
	Munich Germany. Execution Date(s): <u>(1) February 23,</u> <u>(4) February 22,</u>	2007; (2) February 27, 2007; (3) Feb 2007; (5) February 23, 2007; (6) Ma	oruary 22, 2007; rch 3, 2007.
١.	Application number(s) or patent number This document is being filed togethe OR	(s): r with a new application.	
	NZ This desument is being filed after fill	ng of the application: 32,592, filed <u>March 13, 2007;</u> or	
5.	Name and address of party to whom col STAAS & HALSEY LLP	rrespondence concerning document sho Our Docket: 1454,1813	uld be mailed:
	Attention: <u>Mark J. Henry</u> 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005		
6.	Total number of applications and patent		
7.	□ Enclosed	40.00 per Patent or Application in Assig	nment)
	and the state of t	eposit account. 0 was paid on November 1, 2007 and th	erefore, no Further Fee is
nec	essary at this time.		
8.	Deposit Account No.: 19-3935 (Any u (Attach duplicate copy of this page if pa	inderpayment is authorized to be charge aying by deposit account)	d to this Deposit Account)
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<u>Ma</u> Na	ark J. Henry, Reg. No. 36,162 ume of Person Signing	Signature	Date
		Total number of page	s including cover sheet: <u>33</u>
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1	Name of conveying perties: (1) Semd GEISER (2) Peter JAX (3) Stefan SCHANDI (4) Herve TADDEI (5) Aulis TELLE (6) Peter VARY	
2	Name and Address of receiving party:	
	Signens Aktiengeselischeft. Wiltelebecherplatz 2, 60333 Munich Germany	
3	Nature of conveyence: Assignment Security Agreement Change of Name Cornect Assignment advises. Cornect addises is 6 lements Aktional Wittelsbauherplatz 2, 50333 Munich Germany. Record to cornect and Davice for the Artificial Extension of the Bandwith of Spee Execution Data(s): (1) Eabruary 23, 2007; (2) (3) February 27, 2017; (4) Fel (6) February 23, 2007; (6) March 3, 2007.	stellechaft. f title, Comect title is Method on Signals.
4	Application number(s) or patent number(s): This document is being filed together with a new application. OR This document is being filed after filing of the application: (a) Patent Application No(s), 11/652,592, filed March 13, 2007; or (b) Patent No(s), issued.	
5	Name and address of party to whom correspondence concerning document STAAS & HALSEY LLP Our Docket: 1454.18: Attention: Mark J. Henry 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005	
đ	Total number of applications and patents involved:1	
7	Total fee (37 CFR 3.41)	eignment)
9	Deposit Account No.: 19-3935 (Any underpayment is authorized to be character duplicate copy of this page it paying by deposit account)	rged to this Deposit Account)
	me of Person Signing Signature	Nov 1 2007
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<u></u>	1. 	Name of conveying party(ies): Bernd GEIBER Peter JAX Stefan SCHANDL Herver TADDEI Aults TELLE Peter VARY
	2.	Name and Address of receiving party(les):
		SIEMENS AKTIENGESELLSCHAFT P.O. Box 22 16 34 D-80506 München Germany
	3.	Nature of conveyance: X Assignment interger Security Agreement Change of Name Other:
	Februa	Execution Date(a): February 23, 2007, February 27, 2007, February 27, 2007, February 22, 2007, ry 23, 2007, March 3, 2007
	4.	Application number(s) or patent number(s): This document is being filed together with a new application.
		OR This document is being filed efter filing of the application: (2) Petent Application No(s). <u>Unassigned</u> filed <u>March 18, 2007;</u> or (b) Patent No(s). , issued.
	5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY ILP Our Docket: 1454.1813 Attention: Mark J. Henry 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20065
ı	6.	Total number of applications and patents involved:1
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· i	Name o	Of Person Signing Signature / Date 10000011 116(CSE) Total number of pages including cover sheet: 14

PATENT

SSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Geiser

residing at:

Republikplatz 15 52072 Aachen GERMANY

Stefan Schandl

residing at:

Kilmtgasse 6/5/4 1130 Wien **AUSTRIA**

residing at:

Augustastr. 10 51065 Köln GERMANY

Aulis Telle

Dr. Peter Jax

residing at:

Am Wiesengarten 1 30539 Hannover GERMANY

Dr. Hervé Taddel

residing at:

Bavariastr, 20 80336 München GERMANY

Professor Peter Vary

residing at:

Morinerweg 1 52074 Aachen GERMANY

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of GERMANY, having its principal place of business in München, GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:)

DNR: 4248 [17.01.2007

disclosed in the PCT international application for Letters Patent designating the United States, said application being Identified in our records as

Applicants File No.

2005P08823WOUS

and filed as PCT-application

PCT/EP2006/063742

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and relssued patents which have been or shall be issued in the United States on sald Improvements;

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense

2

of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Witnesses: (type name) ATTHIK PH HID Witnesses: (type name) THOM IS ESCH	
Date:	Dr. Peter Jax
Witnesses:(type name)	
Witnesses:(type name)	
Date:	Stefan Schandl
Witnesses:	
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Date:	Dr. Herve Taddei
Witnesses:(type name)	
Wilmesses:(type name)	
Date: 13.07.07	Aulis Telle
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(type name) Hoghes Skit for	
Date:	Professor Peter Vary
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ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Geiser

residing at:

Republikplatz 15 52072 Aachen GERMANY

Stefan Schandl

residing at:

Klimtgasse 6/5/4 1130 Wlen AUSTRIA

Aulis Telle

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Augustastr. 10 51065 Köln GERMANY Dr. Peter Jax

residing at:

Am Wiesengarten 1 30539 Hannover GERMANY

Dr. Herve Taddei

residing at:

Bavariastr. 20 80336 München GERMANY

Professor Peter Vary

residing at:

Morinerweg 1 52074 Aachen GERMANY

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of GERMANY, having its principal place of business in München, GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:)

disclosed in the PCT international application for Letters Patent designating the United States, said application being Identified in our records as

Applicants File No.

2005P08823WOUS

and filed as PCT-application

PCT/EP2006/063742

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense

PATENT REEL: 020217 FRAME: 0947

IDNR: 4248 / 17.01.2007

of sald Assignee, its successors, assigns, and legal representative... to carry out in good faith the Intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all sald continuing substitute, renewal, reissue and all other patent applications on any and all sald continuing substitute, renewal, reissue and all other patent applications on any and all sald communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on sald improvements in sald Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	Bernd Gelser
Witnesses:(type name)	
Witnesses:(type name)	•
Date: 21.2.07	Dr. Peter Jax
Witnesses: Walter Voessing	
Witnesses:	•
Date:	Stefan Schandl
Witnesses:(type name)	
Witnesses:	

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Gelser

residing at:

Republikplatz 15 52072 Aachen GERMANY

Stefan Schandl

residing at:

Klimtgasse 6/5/4

1130 Wien AUSTRIA

Aulis Telle

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residing at

51065 Köln GERMANY

Augustastr, 10

Dr. Peter Jax

residing at:

Am Wiesengarten 1 30539 Hannover GERMANY

Dr. Herve Taddei

residing at:

Bayariastr. 20 80336 München GERMANY

Professor Peter Vary

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Morlnerweg 1 52074 Aachen GERMANY

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hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense

> PATENT **REEL: 020217 FRAME: 0949**

DNR: 4248 / 17.01.2007

DEC. 6. 2007 5:06PM SIETIENS HG, CT 175 AT 2

of said Assignee, its successors, assigns, and legal representative carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for alding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

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Date:	Bernd Geiser
Witnesses:	
Witnesses:(type name)	
Date:	Dr. Peter Jax
Witnesses:	
Witnesses:	011. 0111111111
Date: 27.2.2007	Stefan Schandl
Witnesses: (type name) Puoloi & Profes	er-
Witnesses: Wolfgang Box	uer

PATENT

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ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Geiser

residing at:

Republikplatz 15 52072 Aachen GERMANY

Stefan Schandl

residing at:

Klimtgasse 6/5/4 1130 Wien AUSTRIA

Aulis Tella

residing at:

Augustastr. 10 51065 Köln **GERMANY**

residing at:

Dr. Peter Jax

residing at:

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Dr. Harve Taddel

residing at

Bavariastr. 20 80336 München GERMANY

Professor Peter Vary

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Morinerweg 1 52074 Aachen GERMANY

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> **PATENT** REEL: 020217 FRAME: 0951

DNR: 4248 / 17.01.2007

+49 89 63NO.6106

of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

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Date:	Bernd Geiser	
Witnesses:(type name)	_	
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Date:	Dr. Peter Jax	
Witnesses:	_ _	
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Date:	Stefan Schandl	
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Witnesses: ____

(typę name)

SIEMENS ALL, CI IFS HITS

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Geiser

residing at:

Republikplatz 15 52072 Aachen GERMANY

Stefan Schandl

residing at:

Klimtgasse 6/5/4 1130 Wien

AUSTRIA

Aulis Telle

residing at:

Augustastr. 10 51065 Köln GERMANY Dr. Peter Jax

residing at:

Am Wiesengarten 1 30539 Hannover GERMANY

Dr. Herve Taddel

residing at:

Bavariastr. 20 80336 München GERMANY

Professor Peter Vary

residing at:

Morinerweg 1 52074 Aachen GERMANY

residing at:

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(Title:)

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PCT/EP2006/063742

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

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PATENT

of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

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Date:	
Date	Bernd Gelser
Witnesses:	
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 -	Dr. Peter Jax
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Date:	Stefan Schandl
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Date:	Dr. Herve Taddei	•
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Date:	Aulis Telle	
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Date: <u>March</u> 3 2007	Professor Peter Vary	
Witnesses: C. A. A Loeiles (type name) Antweiler	 _ ·	
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STAAS & HALSEY LLP COMPAN ATTENTION: MARK J. HENRY

NOV. 1. 2007 1:11PM STAAS & HALSEY 202-494-1501

+49 69 NO. 88925 P. 7

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Bernd Qeiser

residing at:

Republikplatz 15 52072 Aschen GERMANY

Stafan Schandl

residing at

Kilmtquase 6/5/4 1130 Wish AUSTRIA

Aulis Telle

residing at:

ar Augustastr. 10 51065 Köin GERMANY Dr. Peter Jex

residing at:

Am Wiesengerten 1 30539 Hannover GERMANY

Dr. Hervé Taddel

residing at:

Bevarizetr. 20 80336 München GERMANY

Professor Peter Vary

residing at:

Morinorweg 1 52074 Auchen GERMANY

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and filed as PCT-application

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:STAAS & HALSEY LLP COMPAN ATTENTION: MARK J. HENRY

NOV. 1. 2007 1:11PW STAAS & HALSEY 202-434-1501; +49 PP NO. 889238 P. 811/38

of said Assignes, its successors, assigne, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, release and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignes, its successors, assigns and legal representatives all facts known to the undersigned toleting to said improvements and the history thereof; and generally do everything possible which said Assignes, its successors, assigns, or legal representatives shall consider desirable for sliding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignes, its successors, assigns, and legal representatives; and

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Date: _ <u>23, 2.02</u>	Beimd Gelser
Witnesses: (type name) nattkins Pality	
(type name) Thom AS 65CH	
Date:	Dr. Peter Jax
Witnesses:(type name)	
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Date:	Stefan Schendi
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Date;	Professor Peter Vary
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HALSEY LLP COMPAN ATTENTION: MARK J. HENRY

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of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, release and all other patent applications on any and all said improvements; execute all rightful ouths, assignments, powers of attorney and other papers; communicate to said Assignes, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its euccessors, assigne, or legal rapresentatives shall consider desirable for siding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby coverant with said Assignee, its successors, assigns and legal representatives that no accignment, grant, mortgage, license of other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Date: 21.2.07	Dr. Peter Jex
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> of said Assignee, its successors, assigns, and legal representative — a carry cut in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing aubstitute, renowel, release and all other patient applications on any and all said improvements; execute all rightful caths, assignments, powers of atterney and other papers; communicate to sold Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do averything possible which said Aseignae, its auccessors, assigns, or legal representatives shall consider desirable for eiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal reprezentatives; and

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assignee .

D-80506 MUNCHEN, GERMANZ MUNICH, GERMANY--P.O. BOX 22 15 34 D-80506 MUNCHEN, GERMANY

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	67797	PATENTS ONLY
	To th	he Director of the U.S. Patent and Tratismark Office: Please record the attached appument.
	1.	Name of conveying party(les): Bemd GEISER Peter JAX Stafan SCHANDL Herver TADDEI Aulis TELLE Peter VARY
	2.	Name and Address of receiving party(ies):
		SIEMENS AKTIENGESELLSCHAFT P.O. Box 22 16 34 D-80506 München Germany
	3.	Nature of conveyance: X Assignment
	<u>Februa</u>	Execution Date(s): February 23, 2007, February 27, 2007, February 22, 2007, February 22, 2007, February 22, 2007, February 23, 2007, March 3, 2007
	4.	Application number(s) or patent number(s): This document is being filed together with a new application.
		OR This document is being filed after filing of the application: (a) Patent Application No(s). <u>Unassigned</u> , filed <u>March 13, 2007</u> ; or (b) Patent No(s). , issued ,
	5.	Name and address of party to whom correspondence concerning document should be malled: STAAS & HALSEY LLP Our Docket: 1454.1813 Attention: Mark J. Henry 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20006
	6 .	Total number of applications and patents involved:1
	7.	Total fee (37 CFR 3.41)
	ô.	Deposit Account No.: 19-\$935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
•		of Person Signing No. 36.162 Signature Mod. 13.23 Date
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