CH \$40.00 503194 10961731

rm PTO-1595 (Rev. 07/05) MB No. 0651-0027 (exp. 6/30/2008)	United States Patent and Trademark Office
RECORDATION F	DRM COVER SHEET
PATEN	rs only
To the Director of the U.S. Patent and Trademark Office: Plea	se record the attached documents or the new address(es) below.
Name of conveying party(ies)	2. Name and address of receiving party(ies)
ohn L. Faul	Name: The Board of Regents The Leland Stanford Jr. University
oshihiko Nishimura leter N. Kao	Internal Address: Office Of Technology Licensing
dditional name(s) of conveying party(ies) attached? Yes 🔽 N	
Nature of conveyance/Execution Date(s):	Street Address: 1705 El Camino Real
Execution Date(s) <u>12/20/04, 1/4/05, and 1/5/05</u>	
Assignment Merger	
Security Agreement Change of Name	City: Palo Alto
Joint Research Agreement	State: California
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: United States Zip: 94306
Other Assignment: Correction of Recordation	Additional name(s) & address(es) attached? 🗌 Yes 🗹 N
	s document is being filed together with a new application
	B. Patent No.(s)
A. Patent Application No.(s) 10/961,731	
A. Patent Application No.(s)	
A. Patent Application No.(s) 10/961,731	B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(s) attached? Yes Y
A. Patent Application No.(s) 10/961,731 Additional numbers Name and address to whom correspondence	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents
A. Patent Application No.(s) 10/961,731 Additional numbers Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One
A. Patent Application No.(s) 10/961,731 Additional numbers Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
A. Patent Application No.(s) 0/961,731 Additional numbers Additional numbers Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card
A. Patent Application No.(s) 10/961,731 Additional numbers Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
A. Patent Application No.(s) 0/961,731 Additional numbers Additional numbers Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address:	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card V Authorized to be charged to deposit account Enclosed
A. Patent Application No.(s) 10/961,731	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card V Authorized to be charged to deposit account
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card V Authorized to be charged to deposit account Enclosed
A. Patent Application No.(s) 10/961,731 Additional numbers Additional numbers Additional numbers Additional numbers Additional numbers Street Address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100 City: San Francisco	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers
A. Patent Application No.(s) 10/961,731 Additional numbers Additional numbers Additional numbers Additional numbers Additional numbers Street address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100 City: San Francisco State: California Zip:94118	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100 City: San Francisco State: California Zip:94118 Phone Number: (415) 752-4085	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information a. Credit Card Last 4 Numbers
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: <u>416 Funston Ave., Ste. 100</u> City: <u>San Francisco</u> State: <u>California</u> Zip:94118 Phone Number: <u>(415) 752-4085</u> Fax Number:	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100 City: San Francisco State: California Zip:94118 Phone Number: (415) 752-4085 Fax Number: Email Address:	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card V Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>50-3194</u> Authorized User Name <u>Bell & Associates/M.Kaser</u>
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: 416 Funston Ave., Ste. 100 City: San Francisco State: California Zip:94118 Phone Number: (415) 752-4085 Fax Number: Email Address:	B. Patent No.(s) attached? Yes Vo 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card V Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>50-3194</u>
A. Patent Application No.(s) 10/961,731 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:Bell & Associates Internal Address: Street Address: <u>416 Funston Ave., Ste. 100</u> City: <u>San Francisco</u> State: <u>California</u> Zip:94118 Phone Number: <u>(415) 752-4085</u> Fax Number: Email Address: 9. Signature:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Y Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting titl 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-3194 Authorized User Name Bell & Associates/M.Kaser 16th December, 2005

PATENT REEL: 017126 FRAME: 0762

DEC-17-2005 03:00 AM

12/16/2004 11:01

certain new and useful improvements in arterio-venous shunt devices as disclosed in US application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOR THEIR USE Whereas, Stanford University , California, herein referred to as "assignee" whose mailin address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continua applications, including continuations-in-part) which may be granted therefore in any court or region of the world, I hereby authorize and request the appropriate Patent Office of arc country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for th use and ownership of the assignee's legal representatives, for the full term for which said	application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOR THEIR USE Whereas, Stanford University , California, herein referred to as "assignee" whose mailin address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continui applications, including continuations-in-part) which may be granted therefore in any cou or region of the world, I hereby authorize and request the appropriate Patent Office of an country in which a patent may issue, to issue said patent to said assignee of the entire rig title, and interest in and to the same, for the assignee's sole use and ownership; and for th use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date:	WORLDWIDE ASSIGNMENT OF RIGHTS	Docket Number: S03-013-CIP
THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mailin address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continui applications, including continuations-in-part) which may be granted therefore in any cou or region of the world, I hereby authorize and request the appropriate Patent Office of ar country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for the use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date:	THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mailin address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continui applications, including continuations-in-part) which may be granted therefore in any cou or region of the world, I hereby authorize and request the appropriate Patent Office of an country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for the use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date:	certain new and useful improvements in arteric	β -venous shunt devices as disclosed in US
address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continue applications, including continuations-in-part) which may be granted therefore in any cou- or region of the world, I hereby authorize and request the appropriate Patent Office of an country in which a patent may issue, to issue said patent to said assignee of the entire rig title, and interest in and to the same, for the assignee's sole use and ownership; and for the use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date:	address is Stanford University Office of Technology Licensing, 1705 El Camino Real, P Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continue applications, including continuations-in-part) which may be granted therefore in any cou- or region of the world, I hereby authorize and request the appropriate Patent Office of an country in which a patent may issue, to issue said patent to said assignee of the entire rig title, and interest in and to the same, for the assignee's sole use and ownership; and for the use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date:		UNT DEVICES AND METHODS FOR
Print Name:John L. Faul	Print Name:John L. Faul	exclusive right to the said invention in all the c and interest in and to any and all intellectual pr associated with any and all provisional, non-pr applications, including continuations-in-part)	countries of the world and the entire right, roperty and patent rights (including rights covisional, divisional, RCE, CPA, continui
Print Name:John L. Faul	Print Name:John L. Faul	or region of the world, I hereby authorize and a country in which a patent may issue, to issue s title, and interest in and to the same, for the as- use and ownership of the assignce's legal repro- patent may be granted, as fully and entirely as this assignment and sale not been made.	request the appropriate Patent Office of an aid patent to said assignee of the entire rig signee's sole use and ownership; and for the esentatives, for the full term for which said the same would have been held by me had
M PI	M PI	or region of the world, I hereby authorize and a country in which a patent may issue, to issue a title, and interest in and to the same, for the as- use and ownership of the assignee's legal repro- patent may be granted, as fully and entirely as this assignment and sale not been made.	request the appropriate Patent Office of an aid patent to said assignee of the entire rig signee's sole use and ownership; and for the esentatives, for the full term for which said the same would have been held by me had
Signature:	Signature:	or region of the world, I hereby authorize and a country in which a patent may issue, to issue s title, and interest in and to the same, for the as- use and ownership of the assignce's legal repro- patent may be granted, as fully and entirely as this assignment and sale not been made.	request the appropriate Patent Office of an aid patent to said assignee of the entire rig signee's sole use and ownership; and for the esentatives, for the full term for which said the same would have been held by me had
		or region of the world, I hereby authorize and is country in which a patent may issue, to issue s title, and interest in and to the same, for the assist use and ownership of the assignee's legal repro- patent may be granted, as fully and entirely as this assignment and sale not been made. Executed on this date:	request the appropriate Patent Office of an aid patent to said assignee of the entire rig signee's sole use and ownership; and for the esentatives, for the full term for which said the same would have been held by me had

DEC-1	7-2005	03:00	AM.

BELL	ASSOCIATEES
	() I

	DE ASSIGNMENT OF RIGHTS	Docket Number: S03-013-CIP
have invente	oshihiko Nishimura of Menlo Park, (d certain new and useful improvements US application Serial No. 10/961,731 fi	in arterio-venous shunt devices
IMPLANTA THEIR USH	ABLE ARTERIO-VENOUS SHUNT . E	DEVICES AND METHODS F
	by these presents do sell, assign and tra	
and interest i associated w applications, or region of t country in w title, and inter use and owner patent may b this assignment	ht to the said invention in all the countr n and to any and all intellectual propert ith any and all provisional, non-provisio including continuations-in-part) which the world, I hereby authorize and reques hich a patent may issue, to issue said pa- trest in and to the same, for the assignee ership of the assignee's legal representa e granted, as fully and entirely as the sa- ent and sale not been made.	y and patent rights (including rig onal, divisional, RCE, CPA, cont may be granted therefore in any st the appropriate Patent Office of tent to said assignee of the entire 's sole use and ownership; and f tives, for the full term for which
and interest i associated w applications, or region of t country in w title, and inte use and owne patent may b this assignme Executed on	n and to any and all intellectual propert ith any and all provisional, non-provisio including continuations-in-part) which he world, I hereby authorize and reques hich a patent may issue, to issue said pa- rest in and to the same, for the assignee ership of the assignee's legal representa e granted, as fully and entirely as the sa	y and patent rights (including rig onal, divisional, RCE, CPA, cont may be granted therefore in any st the appropriate Patent Office of tent to said assignee of the entire 's sole use and ownership; and f tives, for the full term for which me would have been held by me
and interest i associated w applications, or region of t country in w title, and inter use and owned patent may b this assignment Executed on At this place Print Name:	n and to any and all intellectual propert ith any and all provisional, non-provisio including continuations-in-part) which the world, I hereby authorize and reques hich a patent may issue, to issue said pa- trest in and to the same, for the assignee ership of the assignee's legal representa e granted, as fully and entirely as the sa- ent and sale not been made. this date: $1/5/2005$	y and patent rights (including rig onal, divisional, RCE, CPA, cont may be granted therefore in any st the appropriate Patent Office of tent to said assignee of the entire 's sole use and ownership; and f tives, for the full term for which me would have been held by me

PATENT REEL: 017126 FRAME: 0764 DEC-17-2005 03:01 AM

BELL	ASSOCIATEES
------	-------------

Whereas I, Peter N. Kao of Palo Alto, CA, hereafter referred to as "assignor" have invented certain new and useful improvements in arterio-venous shunt devices as disclo in US application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOR THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose maili address is Stanford University Office of Technology Licensing, 1705 El Camino Real, F Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any coo or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right itile, and interest in and to the same, for the assignee's sole use and ownership; and for t use and ownership of the assignee's legal representatives, for the full term for which sai patent may be granted, as fully and entirely as the same would have been held by me ha this assignment and sale not been made. Executed on this date: $\frac{12/20/04}{4}$. At this place: Palo Alfo, CA	invented certain new and useful improvements in arterio-venous shunt devices as disclo in US application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOR THEIR USE Whereas, Stanford University , California, herein referred to as "assignee" whose maili address is Stanford University Office of Technology Licensing, 1705 El Camino Real, I Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for to use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12 \left/ 20 \right/ 04}{Alfo}$, CA	invented certain new and useful improvements in arterio-venous shunt devices as disclosin US application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOILTHEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mail address is Stanford University Office of Technology Licensing, 1705 El Camino Real, it Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledg the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right ittle, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me he this assignment and sale not been made. Executed on this date: $\frac{l_2 \left/ 2 \sigma \left(\sigma 4 \right)}{l_1 - \sigma 4}$ Print Name: <u>Peter N. Kao</u> Ma = M1 - Kao	invented certain new and useful improvements in arterio-venous shunt devices as disclosin US application Serial No. 10/961,731 filed 10 October 2004 entitled IMPLANTABLE ARTERIO-VENOUS SHUNT DEVICES AND METHODS FOI THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mail address is Stanford University Office of Technology Licensing, 1705 El Camino Real, 1 Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co- or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire ri title, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{l2 / 2 e/e4}{At this place}$ Print Name: Peter N. Kao $Ma = \frac{NI}{Ma}$		HTS Docket Number: S03-013-CIP
THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose maili address is Stanford University Office of Technology Licensing, 1705 El Camino Real, F Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any con- or region of the world, I hereby authorize and request the appropriate Patent Office of ar country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for the use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date: $\frac{12/20/04}{20/04}$ At this place: Palo Alfo, CA	THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose maili address is Stanford University Office of Technology Licensing, 1705 El Camino Real, I Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co or region of the world. I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for r use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed on this date: $\frac{12/20/04}{-}$ At this place: Pade Alfe, CA Print Name: Peter N. Kao	THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mail address is Stanford University Office of Technology Licensing, 1705 El Camino Real, 1 Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledg the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continn applications, including continuations-in-part) which may be granted therefore in any co or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12/20/04}{20/04}$ At this place: $\frac{Palo}{Alfo}$, CA	THEIR USE Whereas, Stanford University, California, herein referred to as "assignee" whose mail address is Stanford University Office of Technology Licensing, 1705 El Camino Real, 1 Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledg the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including right associated with any and all provisional, non-provisional, divisional, RCE, CPA, continn applications, including continuations-in-part) which may be granted therefore in any co or region of the world. I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12/20/04}{06}$ At this place: Polo Alfo, CA	invented certain new and useful improven	nents in arterio-venous shunt devices as disclo
address is Stanford University Office of Technology Licensing, 1705 El Camino Real, F Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co- or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire right title, and interest in and to the same, for the assignee's sole use and ownership; and for t use and ownership of the assignee's legal representatives, for the full term for which sai patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12 \left(20 \right) 64}{A(f_{0}, CA}$ Print Name:	address is Stanford University Office of Technology Licensing, 1705 El Camino Real, I Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledge the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right, and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co- or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire ri- title, and interest in and to the same, for the assignee's sole use and ownership; and for r- use and ownership of the assignee's legal representatives, for the full term for which said patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12 \left(2 \sigma \right) \left(0.4 \right)}{Patent Name:$	address is Stanford University Office of Technology Licensing, 1705 El Camino Real, 1 Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledg the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co or region of the world, I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire ri title, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12 \left(20 \right) \left(04 \right)}{12 \left(20 \right) \left(04 \right)}$ Print Name: Peter N. Kao	address is Stanford University Office of Technology Licensing, 1705 El Camino Real, 1 Alto, CA 94306 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, for good and valuable consideration the receipt whereof is acknowledg the assignor by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in all the countries of the world and the entire right and interest in and to any and all intellectual property and patent rights (including rights associated with any and all provisional, non-provisional, divisional, RCE, CPA, continu applications, including continuations-in-part) which may be granted therefore in any co or region of the world. I hereby authorize and request the appropriate Patent Office of a country in which a patent may issue, to issue said patent to said assignee of the entire ri title, and interest in and to the same, for the assignee's sole use and ownership; and for use and ownership of the assignee's legal representatives, for the full term for which sa patent may be granted, as fully and entirely as the same would have been held by me has this assignment and sale not been made. Executed on this date: $\frac{12 \left(2 \sigma \right) \left(\sigma 4 \right)}{\rho d_0}$ At this place: $\frac{\rho d_0}{\rho d_0} \frac{A(f_0, CA)}{\rho d_0}$		SHUNT DEVICES AND METHODS FOR
	Signature: file N. Kau	Signature: file N. Kau	Signature:	Alto, CA 94306 is desirous of acquiring the Now, therefore, for good and valuable cont the assignor by these presents do sell, assist exclusive right to the said invention in all and interest in and to any and all intellecture associated with any and all provisional, not applications, including continuations-in-por region of the world, I hereby authorize country in which a patent may issue, to issist title, and interest in and to the same, for the use and ownership of the assignee's legal patent may be granted, as fully and entired this assignment and sale not been made. Executed on this date: $\frac{12}{20}$ At this place: $\frac{Palo}{Alfo} \frac{Alfo}{C}$	the entire right, title and interest in the same; insideration the receipt whereof is acknowledge ign and transfer unto said assignee the full and the countries of the world and the entire right, ual property and patent rights (including rights on-provisional, divisional, RCE, CPA, continu- part) which may be granted therefore in any cou- and request the appropriate Patent Office of an sue said patent to said assignee of the entire right ne assignee's sole use and ownership; and for the representatives, for the full term for which sail ly as the same would have been held by me has $\frac{1}{2}$

REEL: 017126 FRAME: 0765

PATENT

RECORDED: 12/16/2005