PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: Correction by Declaration of incorrect Patent No. 6,058,224 recorded at

012199/0939

CONVEYING PARTY DATA

Name	Execution Date
NEC Corporation	11/17/1997

RECEIVING PARTY DATA

Name:	NEC Corporation	
Street Address:	7-1, Shiba 5-chome, Minato-ku,	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6058224

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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

Phone: 202-293-7060

Email: jheuer@sughrue.com
Correspondent Name: Sughrue Mion, PLLC

Address Line 1: 2100 Pennsylvania Avenue, N.W.

Address Line 2: Suite 800

Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

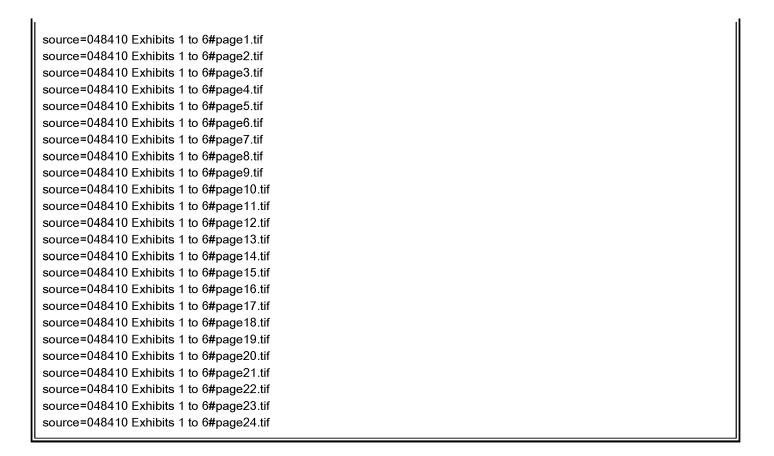
ATTORNEY DOCKET NUMBER: 048410

NAME OF SUBMITTER: Julia Heuer, Secretary

Total Attachments: 28

source=048410_declaration#page1.tif source=048410_declaration#page2.tif source=048410_declaration#page3.tif source=048410_declaration#page4.tif

PATENT REEL: 025795 FRAME: 0526 OF \$40.00 605822



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Docket No: Q48504

Hiroshi HAGA

Patent No.: 6,058,224

Appln. No.: 08/982,392 Group Art Unit: 2722

Confirmation No.: 9237 Examiner: VU, Kim Y.

Filed: December 2, 1997 Issued: May 2, 2000

For: MANUAL SCANNING TYPE IMAGE INPUT DEVICE AND IMAGE SIGNAL

PROCESSING METHOD USING THINNED OUT LINE IMAGE DATA

DECLARATION RE CORRECTIVE ASSIGNMENT

Mail Stop Assignment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

- I, Kazuhiko Yamada, hereby declare and state the following.
- 1. THAT I am a citizen of Japan.
- 2. THAT I have am presently employed by NEC Corporation, where I hold the position of General Manager, Intellectual Asset Development Promotion Division. I am responsible for the administration of NEC Corporation's intellectual property assets, including U.S. patents assigned to NEC Corporation.
- 3. THAT United States Patent No. 6,058,224 ("US 6,058,224"), entitled "MANUAL SCANNING TYPE IMAGE INPUT DEVICE AND IMAGE SIGNAL PROCESSING METHOD USING THINNED OUT LINE IMAGE DATA," issued on May 2, 2000 from U.S.

Attorney Docket No.: Q48504 U.S. Application No.: 08/982,392

Application No. 08/982,392 filed on December 2, 1997, to inventor Hiroshi Haga, and assigned to NEC Corporation. See Exhibit 1, cover page of US 6,058,224.

- 4. THAT the assignment records of the U.S. Patent and Trademark Office (USPTO) show that four documents, identified on the USPTO's Patent Assignment Abstract of Title as Assignment: 1 through Assignment: 4, were recorded in the assignment records for US 6,058,224. See Exhibit 2, "Patent Assignment Abstract of Title."
- 5. THAT NEC Corporation is the correct owner of US 6,058,224, by virtue of an assignment by the sole inventor of US 6,058,224, Hiroshi Haga, to NEC Corporation, executed on November 17, 1997, hereinafter referred to as the "Assignment." The Assignment was recorded at Reel/Frame 008902/0998 on December 12, 1997. See Exhibit 2, which shows the Assignment as "Assignment 1" in the Patent Assignment Abstract of Title. See also, Exhibit 3, "Assignment."
- 6. THAT the USPTO assignment records show that a Patent Security Interest Agreement, hereinafter "Security Interest," between Intracept, Inc. and Gardner & Groff, P.C., shown as Assignment 2 on the Patent Assignment Abstract of Title, was recorded against US 6,058,224 at Reel/Frame 011170/0448, on October 10, 2000. See Exhibit 4. The Security Interest identifies U.S. Patent No. 6,085,224 ("US 6,085,224") as the subject of the Security Interest. See Exhibit 4, "Schedule 1, Description of Properties."
- 7. THAT the USPTO assignment records show that a Patent Security Interest
 Release, hereinafter "Security Interest Release 1," for the Security Interest, shown as Assignment

2

Attorney Docket No.: Q48504 U.S. Application No.: 08/982,392

3 on the Patent Assignment Abstract of Title, was recorded against US 6,058,224 at Reel/Frame 012199/0939, on September 17, 2001. See Exhibit 5.

- 8. THAT the USPTO assignment records show that another Patent Security Interest Release, hereinafter "Security Interest Release 2," for the Security Interest, shown as Assignment 4 on the Patent Assignment Abstract of Title, was recorded against US 6,058,224 at Reel/Frame 012551/0189, on January 30, 2002. See Exhibit 6.
- 9. THAT the Security Interest, the Security Interest Release 1 and the Security Interest Release 2 were recorded with erroneous information. Specifically, the cover sheets for the following documents recite US 6,058,224, in error, as they should recite US 6,085,224, as indicated in Schedule 1 of the Security Interest.

Erroneously Recorded Document	Reel/Frame
Security Interest	011170/0448
Security Interest Release	012199/0939
Security Interest Release	012551/0189

10. THAT a summary of the true chain of title for US 6,058,224 is:

From inventor: Hiroshi HAGA To: NEO

To: NEC Corporation

7-1, Shiba 5-chome Minato-ku

Tokyo, JAPAN

The document was recorded in the U.S. Patent and Trademark Office at:

Reel: 008902, Frame: 0998 on December 12, 1997.

Attorney Docket No.: Q48504 U.S. Application No.: 08/982,392

11. THAT the last correct assignee, NEC Corporation, has been, and continues to be, the owner of US 6,058,224.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: <u>Dao 29, 20/0</u>

Kazuhiko Yamada General Manager

Intellectual Asset Development Promotion Division

4

U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 1



US006058224A

United States Patent [19]

Haga

[11] Patent Number:

6,058,224

[45] Date of Patent:

May 2, 2000

[54] MANUAL SCANNING TYPE IMAGE INPUT DEVICE AND IMAGE SIGNAL PROCESSING METHOD USING THINNED OUT LINE IMAGE DATA

[75] Ir	ventor:	Hiroshi	Haga,	Tokyo.	Japan
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[73] Assignee: NEC Corporation, Tokyo, Japan

[21] Appl. No.: 08/982,392

[22] Filed: Dec. 2, 1997

[30] Foreign Application Priority Data

Dec	. 2, 1996	[JP]	Japan	8-321962
[51]	Int. Cl. ⁷			H04N 1/40
[52]	U.S. Cl.			382/313 ; 358/473; 358/474
[58]	Field of	Search	ıı	358/473, 474,
		35	8/486,	496, 497, 451, 444, 448, 505,
			5	06; 382/313–315; H04N 1/40

[56] References Cited

U.S. PATENT DOCUMENTS

4,851,921	7/1989	Sato et al	358/474
4,866,535	9/1989	Kubota et al	358/474
5,317,417	5/1994	Yamamura et al	358/451
5,684,601	11/1997	Endo	358/298
5,883,729	3/1999	Miyazawa	358/506

FOREIGN PATENT DOCUMENTS

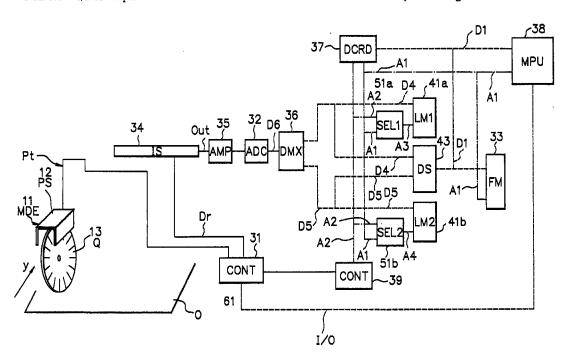
5-129068 8/1982 Japan.

Primary Examiner—Kim Yen Vu Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas, PLLC

[57] ABSTRACT

In a manual scanning type image input apparatus and an image signal processing method, unevenness of scanning is hard to occur due to the simple constitution. A line image sensor reads an image data of prescribed manuscript while implementing electrical main scanning with predetermined driving cycle, before a movement distance encoder detects movement distance in the direction of mechanical auxiliary scanning. A line image data which is read by the line image sensor is distributed to either one of two systems to be stored temporarily in the line memory of the two systems. The line image data which is stored temporarily is read out selectively by a data selector, before being constructed as an image data based on an address of the selected line image data by decoder. The line memory temporarily stores the whole line image data outputted from the line image sensor, before reading out the line image data while thinning out thereof based on the movement distance in the direction of mechanical auxiliary scanning whereby it becomes capable of constructing the image data of the manuscript without unevenness based on the mechanical auxiliary scanning of equal velocity.

10 Claims, 9 Drawing Sheets



U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 2

Patent Assignment Abstract of Title

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 4

Patent #: 6058224

Issue Dt: 05/02/2000

Application #: 08982392

Filing Dt: 12/02/1997

Inventor: HIROSHI HAGA

Title: MANUAL SCANNING TYPE IMAGE INPUT DEVICE AND IMAGE SIGNAL PROCESSING METHOD USING THINNED OUT LINE IMAGE

DATA

Assignment: 1

Reel/Frame: 008902 / 0998

Recorded: 12/12/1997

Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: HAGA, HIROSHI

Exec Dt: 11/17/1997

Exec Dt: 10/05/2000

Assignee: NEC CORPORATION

7-1, SHIBA 5-CHOME MINATO-KU

TOKYO, JAPAN

Correspondent: SUGHRUE, MION, ZINN, MACPEAK & SEAS PLLC

J. FRANK OSHA, ESQ.

2100 PENNSYLVANIA AVENUE, N.W.

SUITE 800

WASHINGTON, D.C. 20037-3202

Assignment: 2

Reel/Frame: 011170 / 0448

Recorded: 10/10/2000

Pages: 6

Conveyance: SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: INTRACEPT, INC.

Assignee: GARDNER & GROFF, P.C.

PAPER MILL VILLAGE, BLDG 23,,600 VILLAGE TRACE SUITE 300

MARIETTA, GEORGIA 30067

Correspondent: GARDNER & GROFF, P.C.

MICHAEL J. MEHRMAN PAPER MILL VILLAGER

600 VILLAGE TRACE, SUITE 300 MARIETTA, GEORGIA 30067

Assignment: 3

Reel/Frame: 012199 / 0939

Recorded: 09/17/2001

Pages: 2

Conveyance: SECURITY INTEREST RELEASE

Assignor: GARDNER GROFF MEHRMAN & JOSEPHIC. P.C.

Exec Dt: 09/14/2001

Assignee: INTRACEPT, INC.

SUITE 203

8613 ROSWELL ROAD ATLANTA, GEORGIA 30350

Correspondent: GARDNER GROFF MEHRMAN & JOSEPHIC, P.C.

MICHAEL J. MEHRMAN PAPER MILL VILLAGER

600 VILLAGE TRACE, SUITE 300

MARIETTA, GA 30067

Assignment: 4

Reel/Frame: 012551 / 0189

Recorded: 01/30/2002

Pages: 5

Conveyance: SECURITY INTEREST RELEASE

Assignor: GARDNER GROFF MEHRMAN & JOSEPHIC, P.C.

Exec Dt: 09/14/2001

Assignee: INTRACEPT, INC.

SUITE 203

Page 1 of 2

PATENT

8613 ROSWELL ROAD ATLANTA, GEORGIA 30350

Correspondent: GARDNER GROFF MEHRMAN & JOSEPHIC, P.C.

MICHAEL J. MEHRMAN

600 VILLAGE TRACE, SUITE 300

MARIETTA, GA 30067

Search Results as of: 12/16/2010 03:53 PM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350. v.2.2 Web interface last modified: Apr. 20, 2009

U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 3

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OMB No. 0651-0011 (exp. 4/94)

Form PTO-1595	01-28-1998	U.S DEPARTMENT OF COMMERCE	F a
1-31-92		Patent and Trademark Office	, o
Q48504	100614517		 So So
To the Honorable Commissioner of Patents and Trade		attached original documents or copy	theres
1. Name of conveying party(ies):	2. Name and add	ress of receiving party(ies)?	D.C.
Hiroshi HAGA	Name:	NEC CORPORATION	
Additional name(s) of conveying party(ies) attached yes no	ed? Street Address:	7-1, Shiba 5-chome Mirato-ku, Tokyo, Japan	
3. Nature of Conveyance:		s) & address(es) attached?	*
X Assignment Merger	yes	X no	
Security Agreement Change of Name			
Other			
Execution Date: November 17, 1997			
	ew application, the execut	ion date of the application is: 11/17,	/97
If this document is being filed together with a ne	ew application, the execut	B. Patent No(s).	/97
···	mbers attached?Yes	B. Patent No(s).	
A. Patent Application No.(s) Additional nu Name and address of party to whom corresponder concerning document should be mailed: J. Frank Osha, Esq.	mbers attached?Yes	B. Patent No(s).	
A. Patent Application No.(s) Additional nu Name and address of party to whom corresponder concerning document should be mailed:	mbers attached? Yes 6. Total number 7. Total Fee (3)	B. Patent No(s). No of applications and patents involved:	: One
A. Patent Application No.(s) Additional nu 5. Name and address of party to whom corresponder concerning document should be mailed: J. Frank Osha, Esq., SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W., Suite 800	mbers attached? Yes 6. Total number 7. Total Fee (3) X Enclude Connection with 14880.	B. Patent No(s). No of applications and patents involved: 7 CFR 3.4°): \$ 40.00 psed. Please charge any underpayment	: One in . 19-
A. Patent Application No.(s) Additional nu No. Name and address of party to whom corresponder concerning document should be mailed: 1. Frank Osha, Esq., SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W., Suite 800	mbers attached? Yes 6. Total number 7. Total Fee (3) X Enclude Connection with 14880.	No No of applications and patents involved: 7 CFR 3.4°): \$_40.00 psed. Please charge any underpayment this Assignment to Deposit Account No. porized to be charged to Deposit Account	: One in . 19-
A. Patent Application No.(s) Additional nu Name and address of party to whom corresponder concerning document should be mailed: Prank Osha, Esq. BUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 100 Pennsylvania Avenue, N.W. Buite 800 Dashington, D.C. 20037-3202	7. Total Fee (3) X Enclocation with 14880. Authorized According 1888.	No No of applications and patents involved: 7 CFR 3.4°): \$_40.00 psed. Please charge any underpayment this Assignment to Deposit Account No. porized to be charged to Deposit Account	: One in . 19-
A. Patent Application No.(s) Additional nu A. Name and address of party to whom corresponder concerning document should be mailed: D. Frank Osha, Esq. SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Pashington, D.C. 20037-3202	mbers attached? Yes 6. Total number 7. Total Fee (3) X Enclored to the second secon	No No of applications and patents involved: 7 CFR 3.4°): \$_40.00 psed. Please charge any underpayment this Assignment to Deposit Account No. porized to be charged to Deposit Account	: One in . 19-
A. Patent Application No.(s) Additional nu Name and address of party to whom corresponder concerning document should be mailed: D. Frank Osha, Esq. SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Dashington, D.C. 20037-3202	7. Total Fee (3) X Enclocation with 14880. Authorized ARITE IN THIS SPACE	B. Patent No(s). No of applications and patents involved: 7 CFR 3.4°): \$_40.00 psed. Please charge any underpayment this Assignment to Deposit Account No. porized to be charged to Deposit Account No. 19~4880	: One in . 19-
A. Patent Application No.(s) Additional nu 5. Name and address of party to whom corresponder concerning document should be mailed: J. Frank Osha, Esq. SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (3) X Enclocation with 14880. Authorized ARITE IN THIS SPACE	B. Patent No(s). No of applications and patents involved: 7 CFR 3.4°): \$_40.00 psed. Please charge any underpayment this Assignment to Deposit Account No. porized to be charged to Deposit Account No. 19~4880	: One in . 19-

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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

PATENT

REEL: 8902 FRAME: 0998

Assignment

Whereas, I/WA, HIROSHI HAGA Tokyo, Japan of

hereinafter called assignor(s), have invented certain improvements in

MANUAL SCANNING TYPE IMAGE INPUT DEVICE AND IMAGE SIGNAL PROCESSING METHOD USING THINNED OUT LINE IMAGE DATA and executed an application for Letters Patent of the United States of America therefor on

November 17, 1997; and

NEC Corporation
Whereas, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor:

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/WK, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/WK request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/WK will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

number	filed) the filing date and applic	ation
number of said application wi			
Date: 11/17/1997	HIROSHI HAGA	Haga	·
	9/:		
Date:	s/		
	siMan	geni Takendes	.
Date: 11/17/1997	s/	in mute	
(Legalization not required for	recording but is prima faci	ie evidence of execution under 35 U.S.C.	. §261)

8/92

RECORDED: 12/12/1997

PATENT

REEL: 8902 FRAME: 0999

U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 4

	Form PTO-1595 (Adápted) 3-13-96	10-25-2000	T OF COMMERCE
	10-10-00 RECORDATI		t & Trademark Office
	To the Honorable Commissioner of Patents and Traden	101496669	ts or copy thereof.
1.	Name of conveying party(ies); INTRACEPT, INC. (a Delaware corporation)	2. Name and address of receiving party(ies): Name: GARDNER & GRC Address: Paper Mill Village, Bldg 2 600 Village Trace Suite 3 Marietta, GA 30067	OFF, P.C. 3
Addit	ional name(s) of conveying party(ies) attached? \(\subseteq Yes \(\subsetex \) No	Additional name(s) & address(es) attached	d? 🗌 Yes 🕱 N o
3.	Nature of conveyance: Assignment Merger Security Agreement Change of Name Other		_
	Execution Date: October 5, 2000		
	4(a). Patent Application No.(s): 4(b)). Patent No.(s): 6,058,224	
	If this document is being filed together with a new application	the execution date of the application is:	.•
		ers attached? Yes No	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and pate	ents involved: 1
	Name: Michael J. Mehrman		
	Address: GARDNER & GROFF, P.C. Paper Mill Villager 600 Village Trace, Sulte 300 Marietta, Georgia 30067	7. Total fee (37 CFR 3.41) enclosed:	\$40
	DO NOT	USE THIS SPACE	
8.	Statement and signature.		
	To the best of my knowledge and belief, the foregoing in of the original document.	nformation is true and correct and any attach	ned copy is a true copy
	I certify that this correspondence is being deposited with envelope addressed to: Commissioner of Patents & Trac	n the United States Postal Service as first cla demarks,Washington, DC 20231, on the dat	ess mail in an te given below.
	/11/5 10/	5/00	
	Michael J. Mohrman Signat	ure/	Date
	Attorney Docket No: 4102.9-010	Total number of pages inclu	iding cover sheet: 2

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks Box Assignments Washington, DC 20231

10/24/2000 NTHAI1 00000119 6058224 01 FC:581

> **PATENT REEL: 011170 FRAME: 0448**

> > **PATENT**

PATENT SECURITY INTEREST AGREEMENT

THIS PATENT SECURITY INTEREST AGREEMENT (this "Agreement") is made as of the latest signature date indicated in the signature block at the foot of this Agreement (the "Effective Date") by and between Intracept, Inc., a Delaware corporation having a mailing address at 8613 Roswell Rd., Suite. 203, Atlanta, Georgia 30350 ("Intracept"); and Gardner & Groff, P.C., a Georgia professional corporation having a mailing address at Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, Georgia 30067 ("G&G").

WHEREAS, Intracept and G&G have entered into a Patent Marketing Agreement pursuant to which G&G will earn Contingent Compensation if one or more of the Properties listed in Schedule 1 hereto are sold under the terms of the Patent Marketing Agreement; and

WHEREAS, Intracept acknowledges and agrees that it intends that this Agreement and the Properties are furnished to secure the obligations of Intracept under the Patent Marketing Agreement to pay G&G the Contingent Compensation (the "Obligations");

NOW, THEREFORE, for ten dollars (\$10.00) in hand paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and to secure the Obligations, Intracept does hereby grant to G&G a continuing security interest in the Properties listed in Schedule 1 hereto, including all proceeds thereof (such as, by way of example, license royalties, proceeds of infringement suits, or sale proceeds), the right to sue for past, present and future infringements, all rights corresponding rights throughout the world and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof.

Intracept covenants and warrants that:

- (a) the issued patents among the Properties are subsisting and have not been adjudged invalid or unenforceable, in whole or in part;
- (b) to the best of Intracept's knowledge, each of the issued patents among the Properties are valid and enforceable;
- (c) Intracept is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to the Properties, free and clear of any liens, charges and encumbrances, including without limitation, pledges, assignments, licenses, shop rights and covenants by Intracept not to sue third persons with respect to such Properties;
- (d) Intracept has the corporate power and authority to enter into this Agreement and perform its terms;

Patent Security Interest doc Agreement

PATENT REEL: 011170 FRAME: 0449

- (e) no written claim has been made to Intracept or, to the knowledge of Intracept, any other person that the use of any of the Properties does or may violate the intellectual property rights of any third party; and
- (f) Intracept has not, made, used, sold, or imported products covered by the claims of the Properties, and will not make, use, sell, or import such products for the duration of this Agreement, without attaching the following Notice or its legal equivalent to the product, the packaging for the product, or a label attached to the product: U.S. Patent No. 6,058,224.

G&G will terminate this security interest in the Properties upon payment of the Contingent Compensation under the terms of the Patent Marketing Agreement or upon termination of the Patent Marketing Agreement.

Intracept will cooperate and execute a UCC Financing Statement in favor of G&G and will cooperate in recording this Agreement in the United States Patent Office.

IN WITNESS WHEREOF, the duly authorized officers of the parties have executed this Agreement with the intent of becoming legally bound by its terms.

INTRACEPT, INC.

By:	Richard Wagne
•	Name: Richard Wagner Title: President
Date:	9/21/2000

[CORPORATE SEAL]

GARDNER & GROFF, P.C.,

Name: Arthur A. Gardner

Title: President

-2-

[CORPORATE SEAL]

Patent Security Interest.doc

PATENT REEL: 011170 FRAME: 0450

STATE OF GEORGIA)	
•)	SS
COUNTY OF FULTON	_)	

SEPT.

On this A day of July 2000, before me, the undersigned, a Notary Public in and for said County and State, came Richard Wagner, the President of Intracept, Inc., who is personally known to me to be the same person who executed, as an officer, the within instrument on behalf of said corporation, and such person duly acknowledged the execution of the same to be the act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal, the day and year last above written.

Notary Public in and for said County and State

Type or Print name: MURA M. SEGARRA

[SEAL]

My Commission Expires:

My Commission Expires July 8, 2003

Patent Security Interest.doc

PATENT REEL: 011170 FRAME: 0451

PATENT

STATE OF GEORGIA)	60
COUNTY OF	.)	\$ \$.
County and State, came Arthur personally known to me to be the on behalf of said corporation, and be the act and deed of said corporation.	A. Gardner, e same person d such person ration.	e, the undersigned, a Notary Public in and for said the President of Gardner & Groff, P.C., who is who executed, as an officer, the within instrument in duly acknowledged the execution of the same to to subscribed my name and affixed my official seal,
		Notary Public in and for said County and State
		Type or Print name:
		[SEAL]
My Commission Expires:		

Patent Security Interest.doc

-4-

PATENT REEL: 011170 FRAME: 0452

Schedule 1

Description of Properties

1. United States Patent No. 6,085,224; and

RECORDED: 10/10/2000

All domestic and foreign applications and patents claiming priority to the patent listed 2. above, all patent applications associated with the patent listed above, the inventions described or claimed in these patents and patent applications, and any and all letters patent which may be granted for these inventions in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications claiming priority to these patents and applications.

Patent Security Interest.doc

PATENT REEL: 011170 FRAME: 0453

PATENT

U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 5

101865434

J.S. DEPARTMENT OF COMMERCE Patent & Trademark Office

Form PTO-1595 (Adapted)

	N FORM COVER SHEET ENTS ONLY
To the Honorable Commissioner of Patents and Trademark	ks. Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Gardner Groff Mehrman & Josephic, P.C. 19/17/01	Name and address of receiving party(ies): Name: Intracept, Inc. Address: 8613 Roswell Road Suite 203 Atlanta, Georgia 30350
iditional name(s) of conveying party(ies) attached? [Yes [2]]No	Additional name(s) & address(es) attached? 🗌 Yes 📶 N o
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Security Interest Release	· · · · · · · · · · · · · · · · · · ·
Execution Date: September 14, 2001	
4(a). Patent Application No.(s): 4(b).	Patent No.(s): 6,058,224
If this document is being filed together with a new application, the	he execution date of the application is:
Additional numbers	attached? ☐ Yes ☐ No
concerning document should be mailed: Name: Michael J. Mehrman	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) enclosed: \$80.00
DO NOT US	SE THIS SPACE
8. Statement and signature. To the best of my knowledge and belief, the foregoing info of the original document. I certify that this correspondence is being deposited with the envelope addressed to: Commissioner of Patents & Trade	ormation is true and correct and any attached copy is a true copy the United States Postal Service as first class mail in an amarks, Washington, DC 20231, on the date given below.
Michael J. Mehrman Signatur	September 14, 2001
Attorney Docket No: 4102.9-010	Total number of pages including cover sheet:2_
Mail documents to be recorded with required cover sheet in 2001 JJALLAH2 00000002 6058224 581 40.00 0P Refund Ref: 10/04/2001	information to: Commissioner of Patents & Trademarks Box Assignments Washington, DC 20231 JJALLARE 0000110601
CHECK	Refund Yotals 940.00

PATENT

REEL: 012199 FRAME: 0939

PATENT

PATENT SECURITY INTEREST RELEASE

WHEREAS Gardner Groff Mehrman & Josephic, P.C., (formerly Gardner & Groff P.C.) a Georgia professional corporation having a mailing address at Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, Georgia 30067, having a PATENT SECURITY INTEREST AGREEMENT recorded at Reel 011170 and Frame 0448, with Intracept, Inc., a Delaware corporation having a mailing address at 8613 Roswell Road, Suite 203, Atlanta, Georgia 30350, releases and terminates its' security interest in U.S. Patent Number 6,058,224 according to the terms of the Patent Marketing Agreement between the two parties.

IN WITNESS WHEREOF, a duly authorized officer of Gardner Groff Mehrman & Josephic, P.C. has executed this Release.

GARDNER GROFF MEHRMAN & JOSEPHIC, P.C.

Name:

e: Michael J. Mehrman

Title:

Vice President

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 14th day of September, 2001, personally appeared **Michael J. Mehrman**, who being duly sworn, signed and acknowledged the foregoing Security Interest Release as his free act and deed.

(Seal)

RECORDED: 09/17/2001

NOTARY PUBLIC

My Commission Expires:

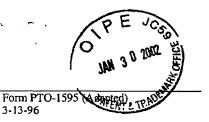
PATENT REEL: 012199 FRAME: 0940

PATENT

U.S. Application No.: 08/982,392

Attorney Docket No.: Q48504

EXHIBIT 6



3-13-96

02-11-2002

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RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent & Trademark Office

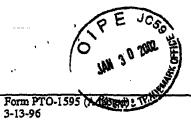
1.200

	€ G PA'	TENTS ONLY (300)
	To the Honorable Commissioner of Patents and Tradem	arks. Please record the attached original documents or copy thereof.
1.	Name of conveying party(ics): Gardner Groff Mehrman & Josephic, P.C.	2. Name and address of receiving party(ies): Name: Intracept, Inc. Address: 8613 Roswell Road Suite 203 Atlanta, Georgia 30350
Additi	onal name(s) of conveying party(ics) attached? Yes Po	Additional name(s) & address(es) attached? ☐ Yes ☑ No
3.	Nature of conveyance: Assignment Merger Itsecurity Agreement Change of Name Other: Security Interest Release	
	Execution Date: September 14, 2001	
	4(a). Patent Application No.(s): 4(b)	. Patent No.(s): 6,058,224
	If this document is being filed together with a new application	the execution date of the application is:
	Additional numbe	rs attached? ☐ Yes ☐ No
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Name: Michael J. Mehrman	
	Address: GARDNER GROFF MEHRMAN & JOSEPHIC, P.C. Paper Mill Villager 600 Village Trace, Suite 300 Marietta, Georgia 30067	7. Total fee (37 CFR 3,41) enclosed: Previously paid with Check #6068, paid to PTO on October 09, 2001
	DO NOT	USE THIS SPACE
8.	Statement and signature.	
	To the best of my knowledge and belief, the foregoing in of the original document.	formation is true and correct and any attached copy is a true copy
	I certify that this correspondence is being deposited with envelope addressed to: Commissioner of Patents & Trace	the United States Postal Service as first class mail in an demarks, Washington, DC 20231, on the date given below.
	/ Maza	December 26, 2001 Ure Date
	Michael J. Mehrman Signate Attorney Docket No: 4l02.9-010	Total number of pages including cover sheet:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks Box Assignments Washington, DC 20231

PATENT REEL: 012551 FRAME: 0189





U.S. DEPARTMENT OF COMMERCE Patent & Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.

		5 m = 55 = 55 p 1 m 5
ī.	Name of conveying party(ies): Gardner Groff Mehrman & Josephic, P.0	2. Name and address of receiving party(ies): Name: Intracept, Inc. Address: 8613 Roswell Road Suite 203 Atlanta, Georgia 30350
Additi	ional name(s) of conveying party(les) attached? 🗌 Yes 🔯 🗈	o Additional name(s) & address(es) attached? Yes 170 No
3.	Nature of conveyance: Assignment Merger Security Agreement Change of Name Cother: Security Interest Release Execution Date: September 14, 2001	17
 -	4(a). Patent Application No.(s):	4(b). Patent No.(s): 6,058,224
	If this document is being filed together with a new applica	tion, the execution date of the application is:
	Additional nur	nbers attached? Yes No
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Name: Michael J. Mehrman	
	Address: GARDNER GROFF MEHRMAN & JOSEPHIC, P.C. Paper Mill Villager 600 Village Trace, Suite 300 Marietta, Georgia 30067	7. Total fee (37 CFR 3.41) enclosed: \$80.00
	DO N	OT USE THIS SPACE
8.	Statement and signature.	
	To the best of my knowledge and belief, the foregoin of the original document.	g information is true and correct and any attached copy is a true copy
	I certify that this correspondence is being deposited envelope addressed to: Commissioner of Patents &	with the United States Postal Service as first class mail in an Trademarks, Washington, DC 20231, on the date given below.
	//refore	September 14, 2001
		nature Date
	Attorney Docket No: 4102.9-010	Total number of pages including cover sheet:2_

Mall documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks Box Assignments Washington, DC 20231

PATENT REEL: 012551 FRAME: 0190

PATENT SECURITY INTEREST RELEASE

WHEREAS Gardner Groff Mehrman & Josephic, P.C., (formerly Gardner & Groff P.C.) a Georgia professional corporation having a mailing address at Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, Georgia 30067, having a PATENT SECURITY INTEREST AGREEMENT recorded at Reel 011170 and Frame 0448, with Intracept, Inc., a Delaware corporation having a mailing address at 8613 Roswell Road, Suite 203, Atlanta, Georgia 30350, releases and terminates its' security interest in U.S. Patent Number 6,058,224 according to the terms of the Patent Marketing Agreement between the two parties.

IN WITNESS WHEREOF, a duly authorized officer of Gardner Groff Mehrman & Josephic, P.C. has executed this Release.

GARDNER GROFF MEHRMAN & JOSEPHIC, P.C.

Name:

Michael J. Mehrman

Title:

Vice President

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 14th day of September, 2001, personally appeared **Michael J. Mehrman**, who being duly swom, signed and acknowledged the foregoing Security Interest Release as his free act and deed.

(Seal)

NOTARY PUBLIC

My Commission Expires:

7/15/2005

PATENT REEL: 012551 FRAME: 0191

PATENT

Secretary of State

Corporations Division 315 West Tower #2 Martin Luther King, Jr. Dr.

Atlanta, Georgia 30334-1530

HARRY A. NIX

SUITE B NORCROSS, GA 30092

5664 PEACHTREE PARKWAY

DOCKET NUMBER: 003330502 CONTROL NUMBER: K535914 EFFECTIVE DATE: 11/27/2000

REFERENCE : 0045

PRINT DATE : 11/28/2000

FORM NUMBER : 611



I, Cathy Cox, the Secretary of State and the Corporations Commissioner of the State of Georgia, do hereby certify under the seal of my office that

GARDNER & GROFF, P.C. A PROFESSIONAL CORPORATION

has filed articles of amendment in the Office of the Secretary of State changing its name to

GARDNER, GROFF, MEHRMAN & JOSEPHIC, P.C.

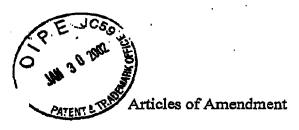
and has paid the required fees as provided by Title 14 of the Official Code of Georgia Annotated. Attached hereto is a true and correct copy of said articles of amendment.

WITNESS my hand and official seal in the City of Atlanta and the State of Georgia on the date set forth above.



Cathy Cox Secretary of State

> PATENT REEL: 012551 FRAME: 0192



Of

Gardner & Groff, P.C.

Pursuant to O.C.G.A. 14-2-1006 of the Georgia Business Code, Gardner & Groff, P.C., a Georgia Corporation hereby submits the following Articles of Amendment:

1.

The name of the Corporation is Gardner & Groff, P.C. and the charter number of the Corporation is K535914. The date of incorporation is December 6, 1995.

2.

Article (1) of the Articles of Incorporation are hereby amended as follows: The name of the Corporation shall be "Gardner, Groff, Mehrman & Josephic, P.C.".

3.

The Stockholders of the Corporation duly approved the Amendment on October 6,

IN WITNESS WHEREOF, Gardner & Groff, P.C. has caused these articles of Amendment to be executed by its duly authorized officers on this 3rd day of November, 2000.

Arthur A. Gardner, President

COMPONDED TO MESTER PROPERTY OF STATE STATES

PATENT REEL: 012551 FRAME: 0193

PATENT REEL: 025795 FRAME: 0555

RECORDED: 01/30/2002

RECORDED: 02/15/2011