

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
David Todd Frew	2005-08-03
Matthew A. Calman	2005-08-03
Mark David Felse	2005-08-03
Kerry Cantley	2005-08-03

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Bank of America Corporation			Charlotte	NORTH CAROLINA	28202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	11161475

CORRESPONDENCE DATA

FAX NUMBER: 9194168340

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

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 024239

NAME OF PERSON SIGNING:

Dennis J. Williamson

DATE SIGNED:

2005-08-08

Total Attachments: 8

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source=Frew Assign pg2.tif

source=Calman Assign pg1.tif

source=Calman Assign pg2.tif

source=Felse Assign pg1.tif

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PATENT

800020043

REEL: 016363 FRAME: 0502

CH \$40.00 134365 11161475

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## ASSIGNMENT

WHEREAS, I, David Todd Frew, ("Assignor"), a citizen of USA, residing at 4096 Bamborough Drive, Fort Mill South Carolina 29715, have invented certain new and useful inventions entitled "IMAGE PROCESSING SYSTEM". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation. U.S. Application No. 11/161,475 filed August 4, 2005.

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

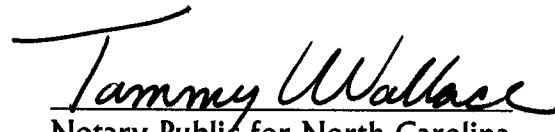
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
3rd day of August, 2005.

  
David Todd Frew, Assignor

STATE OF NORTH CAROLINA :  
: SS  
COUNTY OF MECKLENBURG :

On this 3<sup>rd</sup> day of August, 2005, before me personally  
appeared David Todd Frew to me known to be the person whose name is subscribed  
in the foregoing instrument, and who acknowledged that he executed said  
instrument as his free and voluntary act and for the uses and purposes therein  
expressed.

  
Notary Public for North Carolina

(SEAL)

My Commission Expires:

My Commission Expires April 04, 2006

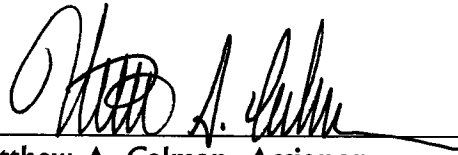
## ASSIGNMENT

WHEREAS, I, Matthew A. Calman, ("Assignor"), a citizen of USA, residing at 1105 Hansler Lane, Waxhaw North Carolina 28173, have invented certain new and useful inventions entitled "IMAGE PROCESSING SYSTEM". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation. U.S. Application No. 11/161,475 filed August 4, 2005.

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

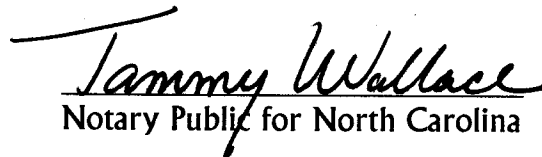
3rd IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of August, 2005.



Matthew A. Calman, Assignor

STATE OF NORTH CAROLINA :  
COUNTY OF MECKLENBURG : SS  
:

On this 3rd day of August, 2005, before me personally  
appeared Matthew A. Calman to me known to be the person whose name is  
subscribed in the foregoing instrument, and who acknowledged that he executed  
said instrument as his free and voluntary act and for the uses and purposes therein  
expressed.

  
Notary Public for North Carolina

(SEAL)

My Commission Expires:

My Commission Expires April 04, 2006

## ASSIGNMENT

WHEREAS, I, Mark David Felse, ("Assignor"), a citizen of USA, residing at 8125 Wilburn Court, Charlotte North Carolina 28277, have invented certain new and useful inventions entitled "IMAGE PROCESSING SYSTEM". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation. U.S. Application No. 11/161,475 filed August 4, 2005.

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

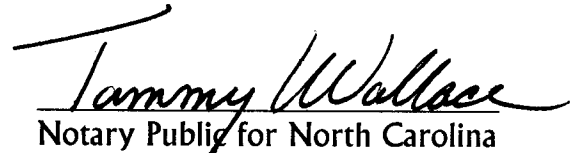
IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
3 day of August, 2005.



Mark David Felse, Assignor

STATE OF NORTH CAROLINA :  
: SS  
COUNTY OF MECKLENBURG :

On this 3<sup>rd</sup> day of August, 2005, before me personally  
appeared Mark David Felse to me known to be the person whose name is subscribed  
in the foregoing instrument, and who acknowledged that he executed said  
instrument as his free and voluntary act and for the uses and purposes therein  
expressed.

  
Notary Public for North Carolina

(SEAL)  
My Commission Expires:

My Commission Expires April 04, 2008



## ASSIGNMENT

WHEREAS, I, Kerry Cantley, ("Assignor"), a citizen of USA, residing at 121 Spring Branch Road, Fort Mill South Carolina 29715, have invented certain new and useful inventions entitled "IMAGE PROCESSING SYSTEM". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation. U.S. Application No. 11/161,475 filed August 4, 2005.

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

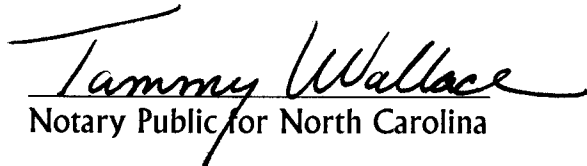
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
3 day of August, 2005.

  
Kerry Cantley, Assignor

STATE OF NORTH CAROLINA :  
: SS  
COUNTY OF MECKLENBURG :

On this 3<sup>rd</sup> day of August, 2005, before me personally  
appeared Kerry Cantley to me known to be the person whose name is subscribed in  
the foregoing instrument, and who acknowledged that he executed said instrument  
as his free and voluntary act and for the uses and purposes therein expressed.

  
Notary Public for North Carolina

(SEAL)  
My Commission Expires:

My Commission Expires April 04, 2008