

2-20-04

FORM PTO-1595

RE

02-24-2004



102676326

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

RET

(Rev. 3-01)
OMB No. 0651-0027 (exp. 5/31/02)

Attorney Docket: 2003P09374US

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

1. Name of conveying party(ies): Rickard C. LOFTMAN, Karen E. MORGAN, Erkan MUMCUOGLU, Kutay F. USTUNER, and Zoran BANJANIN

2. Name and address of receiving party(ies)

Name: **Siemens Medical Solutions USA, Inc.**

Internal Address:

Address: 51 Valley Stream Parkway, Malvern, PA 19355-1406

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date(s): 1/28/04, 1/14/04, 9/19/03, 1/8/04, 2/7/04

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/668,915

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Elsa Keller

Internal Address:

Siemens Corporation

Intellectual Property Department

Street Address: 170 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account No. 19-2179

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Heather Mueller, Reg. No. 39,033
Name of Person Signing

Heather Mueller
Signature

2/17/04
Date

Total number of pages including cover sheet, attachments, and document:

2004 FEB 20 AM 7:06
OPR/FINANCE

10668915

02/23/2004 LMEILLER 0000006 192179

40.00 PA

01 FC-0021

PATENT
REEL: 014992 FRAME: 0202

ASSIGNMENT

For good and valuable consideration, we, Rickard C. Loftman, Karen E. Morgan, Erkan Mumcuoglu, Kutay F. Ustuner, and Zoran Banjanin

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTION USA, INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA, 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent being executed concurrently and entitled:

TRANSMIT BASED AXIAL WHITENING

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

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and


State of _____)
County of _____) ss.:

On this ____ day of _____ 2004, before me, _____,
Notary Public, personally appeared Rickard C. Loftman, personally known to me **-OR-**
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

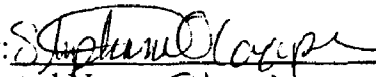
WITNESS my hand and official seal.

Signature of Notary Public

ACKNOWLEDGEMENTS

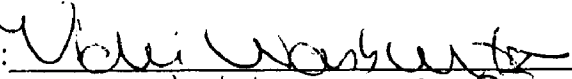

Karen E. Morgan

Witness No. 1:

By: 
Printed Name: Stephanie Cooper

Date: 2/17/04

Witness No. 2:

By: 
Printed Name: Vicki WARRINGTON

Date: 2/17/04

Erkan Mumcuoglu

Witness No. 1:

By: _____
Printed Name: _____

Date: _____

Witness No. 2:

By: _____
Printed Name: _____

Date: _____

Kutay F. Ustuner

State of _____)
) ss.:
County of _____)

On this ____ day of _____ 2004, before me, _____,
Notary Public, personally appeared Kutay F. Ustuner, personally known to me **-OR-**
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

ASSIGNMENT

For good and valuable consideration, We, Rickard C. Loftman, a citizen of the United States, residing at 506 Concord Drive, Menlo Park, CA 94025; Karen E. Morgan, a citizen of the United States, residing at 2212 San Antonio Pl, Santa Clara, CA 95051; Erkan Mumcuoglu, a citizen of _____, residing at _____; Kutay F. Ustuner, a citizen of the Turkish Republic, residing at 602 Church Street, Mountain View, California 94041; and Zoran Banjanin, a citizen of the United States, residing at 7913 127th Ave. SE, New Castle, WA 98056,

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTIONS USA, INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent being executed concurrently and entitled:

TRANSMIT BASED AXIAL WHITENING


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

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or

legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

ACKNOWLEDGEMENTS




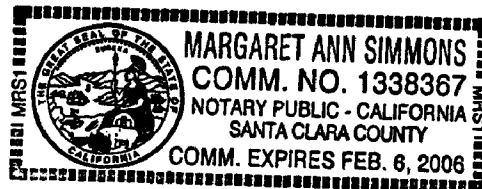
Rickard C. Loftman

State of CALIFORNIA)
) ss.:
County of SANTA CLARA)

On this 19 day of SEPTEMBER 2003, before me, MARGARET ANN SIMMONS, Notary Public, personally appeared Rickard C. Loftman, personally known to me ~~OR~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary Public



ACKNOWLEDGEMENTS

Karen E. Morgan

State of)
) ss.:
County of)

On this ____ day of _____ 2003, before me, _____, Notary Public,
personally appeared Karen E. Morgan, personally known to me **-OR-** proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that she executed the same in her authorized capacity, and that by her signature on
the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

ACKNOWLEDGEMENTS

Erkan Mumcuoglu

State of)
) ss.:
County of)

On this ____ day of _____ 2003, before me, _____, Notary Public,
personally appeared Erkan Mumcuoglu, personally known to me **-OR-** proved to me on the basis of
satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

ACKNOWLEDGEMENTS

Kutay F. Ustuner
Kutay F. Ustuner

State of California)
) ss.:
County of Santa Clara)

On this 8 day of January, 2003⁴, before me, Raquel C. West, Notary Public, personally appeared Kutay F. Ustuner, personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her/their authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public



ACKNOWLEDGEMENTS

Zoran Banjanin

State of _____)
) ss.:
County of _____)

On this ____ day of _____, 2003, before me, _____, Notary Public, personally appeared Zoran Banjanin, personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

ASSIGNMENT

For good and valuable consideration, we, Rickard C. Loftman, Karen E. Morgan, Erkan Mumcuoglu, Kutay F. Ustuner, and Zoran Banjanin

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTION USA, INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA, 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent being executed concurrently and entitled:

TRANSMIT BASED AXIAL WHITENING

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

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

ACKNOWLEDGEMENTS

Rickard C. Loftman

State of _____)
) ss.:
 County of _____)

On this ____ day of _____ 2004, before me, _____, Notary Public, personally appeared Rickard C. Loftman, personally known to me **-OR-** proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Karen E. Morgan

State of _____)
) ss.:
 County of _____)

On this ____ day of _____ 2004, before me, _____, Notary Public, personally appeared Karen E. Morgan, personally known to me **-OR-** proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Erkan Mumcuoglu

State of _____)
County of _____) ss.:

On this ____ day of _____ 2004, before me, _____, Notary Public, personally appeared Erkan Mumcuoglu, personally known to me **-OR-** proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Kutay F. Ustuner

State of _____)
) ss.:
 County of _____)

On this ____ day of _____ 2004, before me, _____, Notary Public, personally appeared Kutay F. Ustuner, personally known to me **-OR-** proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

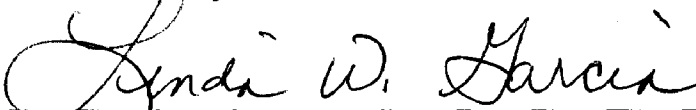
Signature of Notary Public


Zoran Banjanin

State of Washington)
) ss.:
County of King)

On this 14 day of January 2004, before me, Linda W. Garcia, Notary Public, personally appeared Zoran Banjanin, personally known to me **-OR-** proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public



T. C.
ATATÜRK OTUZUNCU NOTERLİK
Karaman Sokak No: 14/5 Kızılay
Tel : 428 46 40 ANKARA

№ 03023
Avukat Sıra No.: 2003P09374US

DEVİR

28 OCAK 2004

Bizler, Rickard C. Loftman, Karen E. Morgan, Erkan Mumcuoğlu, Kutay F. Üstüner ve Zoran Benjamin

Delaware Eyaletindeki bir şirket olup, 51 Valley Stream Parkway, Malvern, PA, 19355-1406 adresinde şirket merkezi bulunan SIEMENS MEDICAL SOLUTION USA, INC.'ye (bundan sonra "Devralan" olarak belirtilecektir), halefleri, atadıkları ve yasal temsilcilerine ABD ve tüm yabancı ülkeler için

TRANSMIT BASED AXIAL WHITENING

başlıklı, sonuçlandırılmakta olan ABD Patent başvurusunda açıklanan tüm gelişmeleri ve belirtilen geliştirmelere ilişkin olarak Patent için ABD ve diğer yabancı ülkelerde yapılmış ya da yapılacak olan tüm bölünen, devam eden, yerine geçen, yenilenen, yeniden yayınlanan ve diğer tüm başvuruları ile ilgili tüm hakları, tasarruf yetkilerini ve menfaatleri satıyor ve devrediyoruz;

Belirtilen Devralan kendi adına belirtilen geliştirmeler için Patent alabilir ve talep edildiğinde belirtilen Devralan, halefleri, atadıkları ve yasal temsilcilerinin hesabına işbu anlaşmanın amacı ve niyetine ilişkin olarak aşağıda imzası bulunanlar belirtilen geliştirmeler ile ilgili tüm bölünmeleri, devam eden, yerine geçen, yenilenen, yeniden yayınlanan ve diğer tüm başvuruları masrafları Devralan tarafından karşılanacak şekilde tamamlayacaklar; tüm yeminli beyanları, devrileri, vekaletnameleri ve diğer belgeleri tamamlayacaklar; belirtilen geliştirmeler ve geçmişi ile ilgili tüm bilgileri Devralana, halefleri, atadıkları ve yasal temsilcilerine iletecekler ve genel olarak Devralan, halefleri, atadıkları ya da yasal temsilcilerinin belirtilen geliştirmeler ile ilgili uygun patent korumayı sürdürmeleri ve belirlenen geliştirmelerin mülkiyetinin verilmesi ve patentler için tüm başvuruları yapabilmeleri için gerekli her şeyi yapacaktır; ve

Belirtilen Devralan, halefleri, atadıkları ve yasal temsilcilerine aşağıda imzası bulunanlar burada belirtilen mülkiyet ve haklarını etkileyen hiçbir devir, tevdi, ipotek, lisans ya da diğer

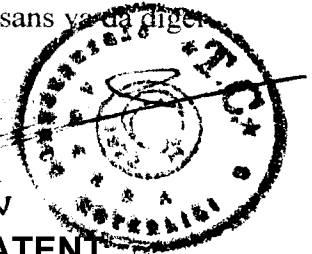
BAŞKAN YILDIZIYI TERCÜME BÜROSU

Atatürk Bulvarı No: 103/48 Kat: 7 Kızılay
Tel: 417 96 57 • Fax: 417 96 57 ANKARA
Çankaya Vargı Ünitesi: 147 026 1049

YAVUZ ALTUN


PATENT

REEL: 014992 FRAME: 0219



№ 03023

anlaşmanın yapılmadığı taahhüt edilmiş ve devir ile ilgili tüm hakların kendilerinde olduğunu taahhüt etmişlerdir.


Erkan Mumcuoğlu

28 OCAK 2004

Eyalet) *Ankara*

)

Ülke) *Türkiye*

2004 yılının *Ocak* ayının *28.* günü ben Noter *Yavuz Altun* huzurunda tarafımdan bilinen – YA DA - belgede adı geçen kişi olduğu konusunda bana yeterli kanıt sunan Erkan Mumcuoğlu hazır bulunmuş ve işbu belgeyi yetkisi dahilinde imzaladığı bu belgeyi kendisi ya da belgeyi imzalamaya yetkili hükmi şahıslar adına imzalamaya yetkili olduğunu belirtmiştir.

İmzalıyor ve mühürümle onaylıyorum.

Noterin İmzası

BAŞER YILDIRIM TERCÜME BÜROSU

Atatürk Bulvarı No: 103/46 Kat: 7 Kızılay
Tel: 417 95 57 • Faks: 417 96 57 ANKARA
Çankaya Dairesi 147 026 1649

İŞBU ÇEVİRİ *İngilizce* ASLINDA
Türkçe YA TARAFIMDAN
SLINA SADIK KALINARAK ÇEVİRİLMİŞTİ
MÜTERCİM

İŞBU ÇEVİRİNİN DAİREMİZDE KİMLİĞİ SAĞ
YEMİNLİ TERCÜMANIMIZ *Gökhan Abay*
TARAFINDAN *İngilizce* DA
Türkçe YA ÇEVİRİLMİŞ OLDUĞUN
ONAYLARIM.

ANKARA 34. NOTER
AKİF HIZAL
Yerine Başkatip
YAVUZ ALTUN

PATENT

REEL: 014992 FRAME: 0220

ASSIGNMENT

28 OCAK 2004

For good and valuable consideration, we, Rickard C. Loftman, Karen E. Morgan, Erkan Mumcuoglu, Kutay F. Ustuner, and Zoran Banjanin

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTION USA, INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA, 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent being executed concurrently and entitled:

TRANSMIT BASED AXIAL WHITENING

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

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

BAŞER YILDIRIM TERCÜME BÜROSU
Atatürk Bulvarı No: 103/16 Kat: 7 Kızılay
Tel: 417 95 57 • Fax: 417 96 57 ANKARA
Çankaya Vergi Dairesi 14 034 1649

ANKARA 34. NO

AKİE HIZAL
Yerine Başkati
YAVUZ ALTUN

PATENT

REEL: 014992 FRAME: 0221

№ 03023

Attorney Docket: 2003P09374US

28 OCAK 2004



Erkan Mumcuoglu

State of Ankara, Turkey)
) ss.:

County of Çankaya)

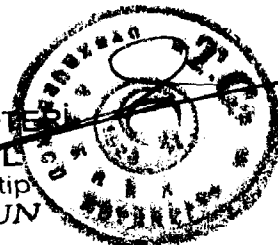
On this 28th day of January 2004, before me, Yavuz Altun, Notary Public, personally appeared Erkan Mumcuoglu, personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

BAŞER YILDIRIM YERLEVERGE BÜROSU
Atatürk Bulvarı No: 103/46 Kat: 7 Kızılay
Tel: 417 95 57 • Fax: 417 96 57 ANKARA
Çankaya Vergi Dairesi: 147 026 1149

ANKARA 34. NOTER
AKIF HIZAL
Yerine Başkatip
YAVUZ ALTUN



PATENT

RECORDED: 02/20/2004

REEL: 014992 FRAME: 0222