

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael Zirngibl</td><td>01/20/2000</td></tr><tr><td>Anurag Patnaik</td><td>01/27/2000</td></tr><tr><td>Bodo Maass</td><td>01/24/2000</td></tr><tr><td>Hannes Eberle</td><td>01/27/2000</td></tr></tbody></table>	Name	Execution Date	Michael Zirngibl	01/20/2000	Anurag Patnaik	01/27/2000	Bodo Maass	01/24/2000	Hannes Eberle	01/27/2000	
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Bodo Maass	01/24/2000										
Hannes Eberle	01/27/2000										
RECEIVING PARTY DATA											
Name:	MicroStrategy, Incorporated										
Street Address:	1861 International Drive										
City:	McLean										
State/Country:	VIRGINIA										
Postal Code:	22102										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11005507</td></tr></tbody></table>	Property Type	Number	Application Number:	11005507							
Property Type	Number										
Application Number:	11005507										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Bradford C. Blaise										

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PATENT
REEL: 018243 FRAME: 0184

Total Attachments: 4

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PATENT

REEL: 018243 FRAME: 0185

ASSIGNMENT

WHEREAS, WE, MICHAEL ZIRNGIBL, a citizen of Germany, residing at 1507 30th Street N.W., Washington, D.C. 20007; ANURAG PATNAIK, a citizen of India, residing at 850 N. Randolph Street, Apt. 2120, Arlington, Virginia 22201; BODO MAASS, a citizen of Germany, residing at 5016 N. 6th Street, Arlington, Virginia 22203; and HANNES EBERLE, a citizen of Germany, residing at 5016 N. 6th Street, Arlington, Virginia 22203 ("Assignors"), have made an invention entitled **SYSTEM AND METHOD FOR THE CREATION AND AUTOMATIC DEPLOYMENT OF PERSONALIZED, DYNAMIC AND INTERACTIVE VOICE SERVICES, WITH TELEPHONE-BASED SERVICE UTILIZATION AND CONTROL**, described in the application for United States Letters Patent filed concurrently herewith; and

WHEREAS, MICROSTRATEGY, INCORPORATED ("Assignee"), a Delaware corporation having a place of business at 8000 Towers Crescent Drive, Vienna, Virginia 22182, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention for the United States of America, its territories and possession ("United States"), and other countries and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, renewals or extensions thereof.

NOW THEREFORE, in consideration of the sum of **One Dollar (\$1.00)** and other good and valuable consideration, the receipt of which is hereby acknowledged, We, said assignors, by these presents do sell, assign and transfer unto assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said

application, and in and to any Letters Patent of the United States, including continuations, continuations-in-part, and divisions, or any foreign country which may be granted therefor;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said assignee;

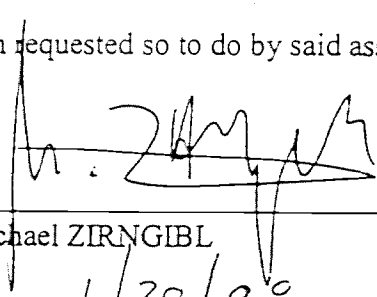
AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said inventions, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said assignee.

Signature of Inventor:

Inventor's Name:

Date of Execution:



Michael ZIRNGIBL

1/20/00

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

COUNTY OF FAIRFAX)
) ss:
 STATE OF VIRGINIA)

On this 20th day of JANUARY, ²⁰⁰⁰1999, before me a Notary Public in and for the County and State aforesaid, personally appeared MICHAEL ZIRNGIBL to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

CA. Jiza Castillo
 Notary Public

My commission Expires: 1-31-2003

Signature of Inventor:
 Inventor's Name:

Anurag Patnaik
 Anurag PATNAIK

Date of Execution:

1/27/00

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

COUNTY OF FAIRFAX)
) ss:
 STATE OF VIRGINIA)

On this 27th day of JANUARY, ²⁰⁰⁰1999, before me a Notary Public in and for the County and State aforesaid, personally appeared ANURAG PATNAIK, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

CA. Jiza Castillo
 Notary Public

My commission Expires: 1-31-2003

Signature of Inventor:

Inventor's Name:

Bodo MAASS
Bodo MAASS

Date of Execution:

1/24/2000

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

COUNTY OF FAIRFAX)
) ss:
STATE OF VIRGINIA)

On this 24th day of JANUARY, ²⁰⁰⁰1999, before me a Notary Public in and for the County and State aforesaid, personally appeared BODO MAASS, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

A. J. Castillo
Notary Public

My commission Expires: 1-31-2003

Signature of Inventor:

Inventor's Name:-

Hannes EBERLE
Hannes EBERLE

Date of Execution:

1-27-2000

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

COUNTY OF FAIRFAX)
) ss:
STATE OF VIRGINIA)

On this 27th day of JANUARY, ²⁰⁰⁰1999, before me a Notary Public in and for the County and State aforesaid, personally appeared HANNES EBERLE to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

A. J. Castillo
Notary Public

My commission Expires: 1-31-2003