

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael R. Bloomberg</td> <td>06/03/2002</td> </tr> <tr> <td>John D. Waanders</td> <td>05/21/2002</td> </tr> <tr> <td>Helmars Ericks Ozolins</td> <td>05/31/2002</td> </tr> </tbody> </table>		Name	Execution Date	Michael R. Bloomberg	06/03/2002	John D. Waanders	05/21/2002	Helmars Ericks Ozolins	05/31/2002
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Michael R. Bloomberg	06/03/2002								
John D. Waanders	05/21/2002								
Helmars Ericks Ozolins	05/31/2002								
RECEIVING PARTY DATA									
Name:	Bloomberg L.P.								
Street Address:	731 Lexington Avenue								
City:	New York								
State/Country:	NEW YORK								
Postal Code:	10022								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12044616</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12044616				
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Application Number:	12044616								
CORRESPONDENCE DATA									
Fax Number:	(212)588-0500								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2125880800								
Email:	fderosa@flhlaw.com								
Correspondent Name:	Frommer Lawrence & Haug LLP								
Address Line 1:	745 Fifth Avenue								
Address Line 4:	New York, NEW YORK 10151								
ATTORNEY DOCKET NUMBER:	336001-2015.1								
NAME OF SUBMITTER:	Frank J. DeRosa								

Total Attachments: 3
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**PATENT
 REEL: 020675 FRAME: 0467**

OP \$40.00 12044616

ASSIGNMENT

WHEREAS, we, Michael R. BLOOMBERG, a citizen of the United States of America, residing at New York, New York; John D. WAANDERS, a citizen of the United States of America, residing at Pelham, New York; and Helmars Eriks OZOLINS, a citizen of the United States of America, residing at Orient, New York, (hereinafter together with our heirs, executors, administrators and legal representatives referred to herein as "Assignor"), have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for patent of the United States (hereinafter referred to as "said Application") titled "Computer Terminals Biometrically Enabled for Network Functions and Voice Communication", filed 21 February 2002 in the United States Patent and Trademark Office, and assigned serial number 10/081,132; and

WHEREAS, Bloomberg LP (hereinafter together with its successors and assigns referred to as "Assignee"), a limited partnership organized and existing under the laws of Delaware, having a place of business at 499 Park Avenue, New York, New York 10022, is desirous of obtaining all right, title and interest in, to and under said invention(s) and said applications.

NOW, THEREFORE, for the sum of \$10.00 and other good and valuable consideration, the receipt and sufficiency of which Assignor hereby acknowledges, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to Assignee all of Assignor's right, title and interest in, to and under said invention(s) and said Application, including (a) the right to apply for patents in the United States of America and in all foreign countries for said invention(s), (b) all applications for patents for said invention(s) or based on said Application in all countries, now filed or to be filed, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said Application, (c) all patents which may issue on said invention(s) and on any application transferred by this Assignment in the United States and foreign countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations or continuations-in-part of patents granted for said invention(s) or upon such Application, for the full term or terms for which the patents may be issued, and (d) every priority right that is or may be predicated upon or arise from said invention(s), said Application and such patents under any applicable international or bilateral treaty, agreement or convention. Assignor hereby authorizes Assignee to file patent applications in all countries for any or all of said invention(s) in Assignor's name, or in Assignee's name, or otherwise as Assignee may deem advisable, under any international or bilateral treaty, agreement or convention, or otherwise.

Assignor hereby covenants and agrees that Assignor will, upon reasonable request of Assignee, subject to Assignor's prior commitments, and without further consideration but at the expense of the Assignee, communicate any facts known to Assignor relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers required to effect the foregoing, and generally do all further acts which may be deemed necessary by Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

Assignee agrees to indemnify and defend Assignor from and against all claims, law suits, expenses, liabilities, awards, damages, judgments, sanctions, or losses ("Claims") which Assignee may incur or to which Assignor may become subject and which relate to or arise out of Assignee's use of the said invention(s). Assignee also agrees to reimburse Assignor for all expenses (including reasonable counsel fees) as they are incurred by Assignor in defending against or providing evidence relating to any such Claims; provided that Assignee shall have the exclusive right to select counsel to defend Assignor against any such Claims. Assignee shall have no indemnification or defense obligation to Assignor with respect to any action involving Assignor's breach of contract, bad faith, willful or reckless misconduct, or with respect to violation of any policy, procedure, or instruction, of Assignee, or to the extent that the Claims arise as a result of or relate to Assignor's conduct outside the ordinary course of any employment of Assignor by Assignee. Assignor hereby agrees promptly to notify Assignee in the event Assignor receives actual notice of any such Claims. Assignor also agrees to cooperate with Assignee in Assignee's defense against Claims by making himself / herself / themselves available at reasonable times and reasonable places to representatives of Assignee and/or Assignee's legal counsel.

This Assignment may be executed in several counterparts, each of which will be an original, but all of which, when taken together, will constitute one and the same instrument.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

Date: JUNE 3, 2002



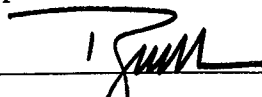
MICHAEL R. BLOOMBERG

STATE OF New York)

) ss.:


COUNTY OF New York)

On JUNE 3, 2002, before me, the undersigned, personally appeared Michael R. BLOOMBERG, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.


DOUGLAS ULENE
Notary Public, State Of New York
No. 31-5022542
Qualified in New York County
Commission Expires Jan. 18, 2008

Signature and Office of individual taking acknowledgment

Date: MAY 21, 2002


JOHN D. WAANDERS

STATE OF NEW YORK)

) ss.:

COUNTY OF NEW YORK)

On MAY 21, 2002, before me, the undersigned, personally appeared John D. WAANDERS, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Paolo A. Ramundo
Signature and Office of individual taking acknowledgment

PAOLO A. RAMUNDO
Notary Public, State of New York
No. 02RA6029081
Qualified in New York County
Commission Expires August 09, 2005

Date: MAY 31, 2002


HELMARS ERICKS OZOLINS

STATE OF NEW YORK)

) ss.:

COUNTY OF NEW YORK)

On MAY 31, 2002, before me, the undersigned, personally appeared Helmars Ericks OZOLINS, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Paolo A. Ramundo
Signature and Office of individual taking acknowledgment

PAOLO A. RAMUNDO
Notary Public, State of New York
No. 02RA6029081
Qualified in New York County
Commission Expires August 09, 2005