FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

08-28-1998



U.S. Department of Commerce Patent and Trademark Office PATENT

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Name (line 1) Ball, Thomas J.	Mark if additional names of	conveying parties	Execution Date Month Day Year 6/12/98
Name (line 2)			
Second Party			Execution Date Month Day Year
Name (line 1) Bruns, Glenn R.			6/12/98
Name (line 2)			
Receiving Party	Mark if add	itional names of re	ceiving parties attached
Name (line 1) Lucent Technologies	Inc.		If document to be recorded is an assignment and the receiving party is not
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Address (line 1) 600 Mountain Avenu	е		representative is attached. (Designation must be a
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FORM PTO-1619B Expres 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addre	Area Code and Telephone Number	(603) 432-8788
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Address (line 3) Londonderry, 1	N.H. 0305 3-0661	
Address (line 4)		
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Fee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41): \$	40.00
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	Authorization to charge additional fees:	Yes X No

Joseph E. Funk

Name of Person Signing

Signature

August 21

Date

indicated herein.

Ball 4-1

ASSIGNMENT AND AGREEMENT

For value received, we, Thomas J. Ball, of Naperville in the County of Dupage and State of Illinois, and Glenn R. Bruns, of Naperville in the County of Dupage and State of Illinois, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Apparatus and Method For Retrieving Data From A Network Site** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

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We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign- all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

United States of America State of Illinois County of Dupage ,1998, before me personally came

Thomas J. Ball, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

> OFFICIAL SEAL SHARON M EXLINE NOTARY PUBLIC STATE OF ILLINOIS MY COMMISSION EXP. JUNE 16,2000

Ball 4-1

Glenn R. Bruns

Date: 6/12/98

United States of America

State of Illinois

SS.:

County of Dupage

On this $\sqrt{2}$ day of _

____, 1998, before me personally came Glenn

R. Bruns, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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Notary Public

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