

12-03-1998



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jc518 U.S. PTO  
09/197799  
11/23/98

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Execution Date  
Month Day Year

Name (line 1) Bjorn Markus Jakobsson

11/17/98

Name (line 2)

Second Party

Execution Date  
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Name (line 2)

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Address (line 1) 600 Mountain Avenue

Address (line 2)

Address (line 3) Murray Hill

New Jersey

07974-0636

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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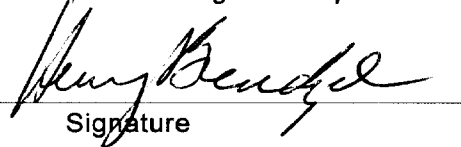
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Henry T. Brendzel  
Name of Person Signing

  
Signature

11/23/98  
Date

## ASSIGNMENT AND AGREEMENT

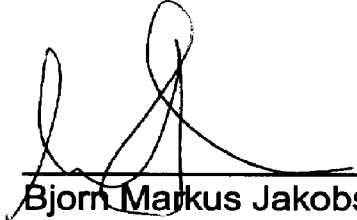
For value received, I, Bjorn Markus Jakobsson of Hoboken in the County of Hudson and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **A Practical Mix-Based Election Scheme** 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.

I 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.

I 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.

I 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. they may designate.

I 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.

  
Bjorn Markus Jakobsson

Date: Nov 17 '98

United States of America )

State of New Jersey ) ss.:

City of New Providence )

On this 17<sup>th</sup> day of November, 1998, before me personally came Bjorn Markus Jakobsson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**AMY AXELROD**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Exp. Feb. 14, 2002

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636