-07-1998 EET U.S. DEPARTMENT OF COMMERCE Patent and Trademan Office
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Neme: Lucent Technologies Inc.
Internal Address:
)No
Street Address: 600 Mountain Avenue
P. O. Box 636
Chy: Murray Hill State: NJ ZIP: 07974
Additional name(s) & address(es) attached? ☐ Yes ☑ No
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lication, the execution date of the application is:
El. Patent No.(s)
mbers attached? CI Yes III No  6. Total number of applications and patents involved:
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B.L.B.dn. 4-13-3 RA(MENTWV00)  REEL: 9383 FRAME: 0030

## ASSIGNMENT AND AGREEMENT

( North Me Tonyship PARK KING

For value received, we, Bohdan Lew Bodnar of Naperville, in the County of Cook and the State of Illinois, James Patrick Dunn of Sandwich, in the County of LaSalle and the 3770 State of Illinois, Conrad Martin Herse of Naperville, in the County of Will and the State of Illinois, and Enn Tammaru of Naperville, in the County of DuPage and the State of Illinois, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation in 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 Switching Internet Traffic Through Digital Switches Having A Time Slot Interchange Network in an application for Letters Patent of the United States, the specification of which was filed on June 5, 1998 and assigned Serial No. 09/092,666, 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 me, 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.

PATENT REEL: 9383 FRAME: 0031 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.

Date: 62 July 1556 Bohdan Lew Bodnar

United States of America )
State of Minor ) ss.
County of Tubage )

Notary Public Proche

"OPFICIAT. SHAL"
JUDITH A SHORN
Notary Public, State of lends
4y Commission Expires C1-08100

Second Joint Inventor:	
Date: July 23, 1978	James Patrick Dunn
United States of America	)
State of Illinois	) ss:
County of Du Page	) )
On this ABra day James Patrick Dunn, know foregoing instrument, and a	of / a / a , 19 9 f , before me personally came wn to be the individual described in and who executed the acknowledged execution of the same.
	Bonnie J. anderson Notary Public
	OFFICIAL SEAL  BONNIE S ANDERSON  NOTARY PUBLIC, STATE OF ILLINOIS  MY COMMISSION EXPIRES:01/08/02

Serial No. 09/092,666

Third Joint Inventor:	
Date: <u>7/23/93</u>	Conrad Martin Herse
United States of America )  State of Illinois ) ss:  County of Dufage )	
On this <u>Back</u> day of <u>Judg</u> Conrad Martin Herse, known to be the foregoing instrument, and acknowledged	, 19 <u>78</u> , before me personally came he individual described in and who executed the d execution of the same.
	Notary Public
	"OPFICIAL SEAL"  JUDITH A. SPOHI  Notary Pool y State of the vis  My Commission Expires. Chil5/20

Serial No. 09/092,666

RECORDED: 08/03/1998

Fourth Joint Inventor:	
Date: 7/23/98	Enn Tammaru
United States of America  State of Illinois  County of Duffage  On this 23 day of Enn Tammaru, known to be the individinstrument, and acknowledged execution	, 19 <u>98</u> , before me personally came dual described in and who executed the foregoing n of the same.
	Notary Public  "OFFICIAL SEAL"  JUDITH A SPOHN  Notary Public, State of Ill nois  My Commission Expires 01/96/00