FORM PTO-1619A 1P-E 2000 NH DEF1-0027

01-19-2001



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

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
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Name (line 2)		Execution Date
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Name (line 2)		5
Name (line 1)	ichard R. DzieKan	Execution Date Month Day Year OR 28 00
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REEL: 011431 FRAME: 0282

ASSIGNMENT AND AGREEMENT

For value received, we, Jonathan A. Weinstock of Doylestown in the County of Bucks and State of Pennsylvania, William H. Blum of Harleysville in the County of Montgomery and State of Pennsylvania, Nicholas D. Lee of King of Prussia in the County of Montgomery and State of Pennsylvania, Clive E. Holborow of San Diego in the County of San Diego and State of California, and Richard R. Dziekan of North Wales in the County of Montgomery and State of Pennsylvania, hereby sell, assign and transfer to General Instrument Corporation, a corporation of the State of Delaware, having an office at 101 Tournament Drive, Horsham, Pennsylvania 19044, 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 Monitoring System For A Hybrid Fiber Cable Network described in an application for Letters Patent of the United States, Serial No.09/588,387, filed June 6, 2000 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 General Instrument Corp. 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 General Instrument Corp. 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 General Instrument Corp. 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 General Instrument Corp. in the United States and in all countries foreign to the United States, or to such nominees as General Instrument Corp. they may designate.

2 D2234

We agree that, when requested, we shall, without charge to General Instrument Corp. 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.

Jonathan A. Weinstock

Date: 9/5/02

United States of America

State of PA) ss.:

County of Books

On this day of , 20 , before me personally came Jonathan A. Weinstock, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Notarial Seal Edward W. Miller, Notary Public Doylestown Twp., Bucks County My Commission Expires May 5, 2003

Member, Pennsylvania Association of Notaries

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> PATENT REEL: 011431 FRAME: 0285

KIMBERLEE A. NILSEN, Notary Public City of Philadelphia, Phila. County My Commission Expires May 5, 2001 4 D2234

Nicholas D. Lee

Date: 10/6/00

United States of America)

State of A) ss.:

County of Third)

On this 6 day of 000, before me personally came Nicholas D. Lee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Notarial Seal
Biane Begley, Notary Public
Philadelphia, Philadelphia County
M. Commission Expires Dec. 27, 2001

termbor Contibliants Association of Notaries

ACKNOWLEDGMENT

Clive F. Holborow

Date: 8/30/00

State of California)

County of San Diego)

On 30 August 2000, before me, Carolen Merkley, personally appeared Clive E. Holborow, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Carolen Merkla

6 D2234

Richard R. Dziekan

Date: 8 28 2000

United States of America

Commu. State of Pennsylvania

) ss.:

County of Montgonery

Notary Public

NOTARIAL SEAL KIMBERLEE A. NILSEN, Notary Public City of Philadelphia, Phila. County My Commission Expires May 5, 2001

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECEMBER 18, 2000

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