502178761 12/28/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert A. P. Fernihough	07/29/2004
William G. Kikendall	07/28/2004
Phillip R. Goines	07/28/2004
Stephen M. Gribble	07/29/2004
Philip M. Manrique	07/28/2004

RECEIVING PARTY DATA

Name:	Teledyne Technologies Incorporated
Street Address:	12333 W. Olympic Boulevard
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90064-1021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12723899

CORRESPONDENCE DATA

Fax Number: 4123556501

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 412-355-6798

PIUSPATENTS@KLGATES.COM Email: K&L Gates LLP - Christopher G. Wolfe Correspondent Name:

Address Line 1: **K&L Gates Center** Address Line 2: 210 Sixth Avenue

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

NAME OF SUBMITTER: Christopher G. Wolfe	RNEY DOCKET NUMBER: 04	354DIV2
	OF SUBMITTER:	stopher G. Wolfe

REEL: 029542 FRAME: 0312

Total Attachments: 6

source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page1.tif source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page2.tif source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page3.tif source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page4.tif source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page5.tif source=2004-Assignment_from_Inventors_to_Teledyne_Technologies_Incorporated#page6.tif

PATENT REEL: 029542 FRAME: 0313

Attorney's Docket No. 040354 PATENT For: ☐ U.S. and/or ☐ Foreign Rights For: ☐ U.S. Application or ☐ U.S. Provisional Application For: U.S. Patent
For: PCT Application By: Multiple Inventors ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS) In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS (Inventors): 3, Sandpiper Close, Quedgeley, Gloucester, Gloucestershire Robert A. P. Fernihough GL2 4LZ, England United Kingdom (type or print name of inventors) Address Nationality 22323 Crystal Bay Drive William G. Kikendall Katy, Texas 77450 USA 5270 Cash Drive Phillip R. Goines Katy, Texas 77493 Bridle Path Cottage, Westend Stonehouse Gloucestershire GL10 3SJ, Stephen M. Gribble **England** United Kingdom 3851 Teakwood Drive West Philip M. Manrigue LaPorte, Texas 77571 USA

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

PI-1213583 v1 0215786-1055

PATENT REEL: 029542 FRAME: 0314

hereby sells, assigns and transfers to	
ASSIGNEE:	
Teledyne Technologies Incorporated (type or print name(s) of ASSIGNEE(S))	12333 W. Olympic Boulevard Address
(a Delaware Corporation) Nationality	Los Angeles, CA 90064-1021
and the successors, assigns and legal represe	ntatives of the ASSIGNEE
(complet	e one of the following)
★ the entire right, title and interest	
and its territorial possessions	ercent (%) interest for the United States
(check the following box,	f foreign rights are also to be assigned)
and in all foreign countries, inclimprovements which are disclosed in the inverperation	cluding all rights to claim priority, in and to any and all ntion entitled: STREAMER CABLE WITH ENHANCED
(check and comple	ete (a), (b), (c), (d), (e), (f) or (g))
and which is found in	
(a) 🛛 U.S. patent application executed of	on even date herewith
(b) U.S. patent application executed of	on
(c) 🔲 U.S. provisional application namin	ng the above inventor(s) for the above-entitled invention
Express mail label no.:	
Mailed:	
hereby authorize and request number when they become know	
	ed on
filed on	1
(f) U.S. patent no.	issued
A change of address to maintenance fees is being se	which correspondence is to be sent regarding patent ent separately.
(also check (g), if foreig	n application(s) is also being assigned)
(g) 🗵 and any legal equivalent thereof and to, all Letters Patent to be	in a forelgn country, including the right to claim priority and, ir obtained for said invention by the above application or any

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below:

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Robert A. P. Fernihough (type name of Inventor)	Signature of INVENTOR	29# July 2004
William G. Kikendall (type name of Inventor)	Signature of INVENTOR	Date
Phillip R. Goines (type name of Inventor)	Signature of INVENTOR	Date
Stephen M. Gribble (type name of Inventor)	Signature of INVENTOR	29 71 2007 Date 2007
Philip M. Manrique (type name of Inventor)	Signature of INVENTOR	Date

☐ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

(Assignment of Invention-Multiple Inventors [16-3.2]-page 3)

Attorney's Docket No. 040354	PATEN
	For: ☐ U.S. and/or ☐ Foreign Rights For: ☐ U.S. Application or ☐ U.S. Provisional Application For: ☐ U.S. Patent For: ☐ PCT Application By: Multiple Inventors
ASSIGNMENT OF INVE	ENTION (MULTIPLE INVENTORS)
In consideration of the payment by ASSIGN receipt of which is hereby acknowledged, and fo	EE to ASSIGNOR of the sum of One Dollar (\$1.00), the or other good and valuable consideration,
ASSIGNORS (Inventors):	
Robert A. P. Fernihough (type or print name of inventors) William G. Kikendall	3, Sandpiper Close, Quedgeley, Gloucester, Gloucestershire GL2 4LZ, England United Kingdom Address Nationality 22323 Crystal Bay Drive Katy, Texas 77450 USA
Phillip R. Goines	5270 Cash Drive Katy, Texas 77493 USA
Stephen M. Gribble	Bridle Path Cottage, Westend Stonehouse Gloucestershire GL10 3SJ, England United Kingdom
Philip M. Manrique	3851 Teakwood Drive West LaPorte, Texas 77571 USA
	<u>.</u>

hereby sells, assigns and transfers to	
ASSIGNEE:	
Teledyne Technologies Incorporated (type or print name(s) of ASSIGNEE(S))	12333 W. Olympic Boulevard Address
(a Delaware Corporation) Nationality	Los Angeles, CA 90064-1021
and the successors, assigns and legal represer	tatives of the ASSIGNEE
(complete	one of the following)
igtimes the entire right, title and interest	
an undivided pe and its territorial possessions	rcent (%) interest for the United States
(check the following box, if	foreign rights are also to be assigned)
and in all foreign countries, inclimprovements which are disclosed in the inventional PROPERTIES	uding all rights to claim priority, in and to any and all ion entitled: STREAMER CABLE WITH ENHANCED
(check and complet	e (a), (b), (c), (d), (e), (f) or (g))
and which is found in	
(a) U.S. patent application executed on	even date herewith
(b) U.S. patent application executed on	
(c) U.S. provisional application naming	the above inventor(s) for the above-entitled invention
Express mail label no.:	
Mailed:	
To comply with 37 CFR 3.21 for re- hereby authorize and request my number when they become known.	cordal of this assignment, I, an ASSIGNOR signing below, attorney to insert below the filing date and application
(d) U.S. application no.: filed	on
(e) International application no. PCT /	
(f) U.S. patent no.	issued
A change of address to which of fees is being sent separately.	orrespondence is to be sent regarding patent maintenance
(also check (g), if foreign a	application(s) is also being assigned)
and to, all Letters Patent to be ob	a foreign country, including the right to claim priority and, in tained for said invention by the above application or any ubstitute thereof, and as to letters patent any reissue or re-

(Assignment of Invention–Multiple Inventors [16-3.2]–page 2)

PATENT

REEL: 029542 FRAME: 0318

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below:

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Robert A. P. Fernihough	<u> </u>	-
(type name of Inventor)	Signature of INVENTOR	Date
William G. Kikendall	William & Kikendall	28 July 2004
(type name of Inventor)	Signature of INVENTOR	Date
Phillip R. Goines	Tills 1 Lany	28/July/2004
(type name of Inventor)	Signature of INVENTOR	Date
Stephen M. Gribble		
(type name of Inventor)	Signature of INVENTOR	Date
Philip M. Manrique	Signature of INVENTOR) <u>28/544/2004</u> Date
(type name of Inventor)	Signature of INVENTOR	Date
	V	

□ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

REEL: 029542 FRAME: 0319