505476449 05/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5523253

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON M. LOUWSMA	05/13/2019
PAUL F. J. GERAEDTS	05/13/2019

RECEIVING PARTY DATA

Name:	TELEDYNE DALSA B.V.
Street Address:	HIGH TECH CAMPUS 27
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16332937

CORRESPONDENCE DATA

Fax Number: (412)355-6501

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 412-355-6373

Email: piuspatents@klgates.com

Correspondent Name: K&L GATES LLP - PAUL D. LEVIN

Address Line 1: 210 SIXTH AVENUE Address Line 2: **K&L GATES CENTER**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	410P-2016-002PCTUS/180563
NAME OF SUBMITTER:	PAUL D. LEVIN
SIGNATURE:	/Paul D. Levin/
DATE SIGNED:	05/15/2019

Total Attachments: 2

source=5-14-2019-180563PCTUS - Assignment#page1.tif source=5-14-2019-180563PCTUS - Assignment#page2.tif

PATENT REEL: 049178 FRAME: 0986 505476449

Attorney Docket No. 410P-2016-002PCT	<u>U\$/180563PCTUS</u>	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	
Serial No16/332.937		
Filing Date: March 13, 2019		
ASSIGNMENT OF	NVENTION (MULTIPLE INVENTORS)	
In consideration of the payment by ASS receipt of which is hereby acknowledged, a	SIGNEE to ASSIGNOR of the sum of One Dr nd for other good and valuable consideration	ollar (\$1,00), the
ASSIGNORS (inventors):	ي.	
Simon M. Lonwama	Tollenstraat 107 7523 ZD Enschede	NE.
Simon M, Louwsma (type or print name of inventors)	Address	Nationality
Paul F. J. Geraedts (type or print name of inventors)	Stinsburg 12 7511 LK Enschede Address	NL Nationality
hereby sell, assign and transfer to		
ASSIGNEE:		
TELEDYNE DALSA B.V.	High Tech Campus 27 5656 AE Eindhoven	NL
(type or print name of ASS/GNEE)	Address	
and the successors, assigns and legal repr	esentatives of the ASSIGNEE	
the entire right, title and interes	ŧ	
and in all foreign countries, ini all foreign countries, in and to any and a	cluding all rights to claim priority both in the tall improvements which are disclosed in the f	Jnited States and nvention entitled:
ANALOG-TO-DIGITAL	CONVERTER USING CHARGE PACKETS	
and which is found in:		

(a) U.S. patent application executed on even date herewith;

(b) U.S. application no.: 16/332,937 filed on March 13, 2019

(Assignment of Invention-page 1)

303355074

PATENT REEL: 049178 FRAME: 0987

Attorney Docket No. 410P-2016-002PCTUS/180563PCTUS

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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.

Simon M. Louwsma		13 MAY 2010	
type name of inventor)	Signature of INVENTOR	Date	
Paul F. J. Geraedts	Quandle	May 18 201	¢,
type name of Inventor)	Signisture of INVENTOR	Date/	

(Assignment of Invention-page 2)

PATENT REEL: 049178 FRAME: 0988

RECORDED: 05/15/2019