# 502114380 11/01/2012

#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Avistar Communications Corporation	08/16/2012

#### **RECEIVING PARTY DATA**

Name:	Lester F. Ludwig
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City:	Belmont
State/Country:	CALIFORNIA
Postal Code:	94002

#### PROPERTY NUMBERS Total: 8

Property Type	Number		
Application Number:	12419229		
Application Number:	12828171		
Application Number:	12828207		
Application Number:	13452461		
Patent Number:	8125559		
Application Number:	12828280		
Application Number:	13072588		
Application Number:	13180345		

#### **CORRESPONDENCE DATA**

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PATENT

REEL: 029226 FRAME: 0078

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ATTORNEY DOCKET NUMBER:	120109-001			
NAME OF SUBMITTER:	Mainak H. Mehta			
Total Attachments: 3 source=Avistar-Ludwig assignment#page1.tif source=Avistar-Ludwig assignment#page2.tif source=Avistar-Ludwig assignment#page3.tif				

PATENT REEL: 029226 FRAME: 0079

### Assignment of Patent Rights

August 16, EAM

Pursuant to that Patent Purchase Agreement between Assignor and Assignee dated July 2012 (the "Patent Purchase Agreement"), for good and valuable consideration, the receipt of which is hereby acknowledged, Avistar Communications Corporation, a Delaware corporation, with an office at 1855 S. Grant Street, 4th Ploor, San Mateo, CA 94402 ("Assignor"), does hereby sell, assign, transfer, and convey to Lester F. Ludwig, an individual ("Assignee") all of Assignor's right, title, and interest in and to any and all of the following (collectively, the "Assigned Patent Rights"):

(a) the patent applications and patents listed in the table below (the "Live Assets");

Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
CA 2,318,395	CA	July 29, 1999	Multifunction Communication Service Device (Lester Ludwig)
US 8,125,559	US	May 22, 2009	Image Formation for Large Photosensor Array Surfaces (Lester Ludwig)
BP 99905504.9	EP	Jan 20, 2000	Multifunction Video Communication Service Device (Lester Ludwig)
US 12/419,229 .	US	April 6, 2009	Multifunction Communication Service Device (Lester Ludwig)
US 12/828,280	US	April 6, 2009	Display-Pixel and Photosensor-Element Device and Method Therefor (Lester Ludwig)
US 12/828,171	US	June 30, 2010	Vignetted Optoelectronic Array for Use in Synthetic Image Formation via Signal Processing, Lensless Cameras, and Integrated Camera-Display (Lester Ludwig)
US 12/828,207	US .	Juné 30, 2010	Synthetic Image Formation via Signal Processing for Vignetted Optoelectronic Arrays, Lensless Cameras, and Integrated Camera-Displays (Lester Ludwig)
US 12/828,228	บร	June 30, 2010	Synthetic Image Formation Signal Processing Hardware for Vignetted Optoelectronic Arrays, Lensless Cameras, and Integrated Camera- Displays (Lester Ludwig)
US 13/072,588	US	March 25, 2011	Color Imaging Using Color LED Array as Light- Field Image Sensor (Lester Ludwig)
US 13/180,345	US .	July 11, 2011	LED/OLED Array Approach to Integrated Display, Lensless-Camera, and Touch-Screen User Interface Devices and Associated Processors (Lester Ludwig)
US 13/452,461	US	April 20, 2012	Spatial Large-Field Sensor and Spatial Signal Designe for Lenless Synthetic Imaging via Signal Processing (Lester Ludwig)

Aug21,2012

006550-0012-02346-Active, I3086888.1

PATENT REEL: 029226 FRAME: 0080

- all (a) inventions included in any claim in the Live Assets; and all current and future items in subsections (b)-(d): (b) other patents or patent applications, solely to the extent arising out of any of the Live Assets, (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); and (d) foreign patents, patent applications and counterparts arising out of any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances arising out of such items;
- all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents, in each case, solely to the extent arising or accruing on or after the closing date, including, without limitation, all such causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (lii) any other remedies of any kind for infringement to the extent arising or accruing after the Closing (as defined in the Patent Purchase Agreement); and
- all rights arising or accruing solely on or after the Closing to collect royalties or other payments under or on account of any of the Patents, except for those royalties and payments made to Purchaser at any time, whether before or after Closing, under the License Agreements (as defined in the Patent Purchase Agreement).

Assignor hereby authorizes the respective patent office or governmental agency in each lurisdiction to record this assignment in the name of Assignee.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at #VCUS 2012.

**ASSIGNOR:** 

Avistar Communications Corporation

By:

Name:

Title:

CEO (Signature MUST be attested)

ASSIGNEE:

Lester F, Ludwig

By:

Name:

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# ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Robert F. Kink to the above Assignment of Patent Rights on behalf of Avistar Communications Corporation and makes the following statements:

- 1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
- 2. Robert F. Kirk is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Argart 16 2012 to execute the above Assignment of Patent Rights on behalf of Avistar Communications Corporation
- 3. Robert F. Kirk. subscribed to the above Assignment of Patent Rights on behalf of Avistar Communications Corporation.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on Agost 16,2012 (date)

Print Name: RUAS ANTRAYMETEURR

LFC Aug 21, 2012

RECORDED: 11/01/2012