

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew G. Cartlidge	06/16/2004

RECEIVING PARTY DATA

Name:	Andrew G. Cartlidge
Street Address:	22 Commodore Place
City:	Palm Beach Gardens
State/Country:	FLORIDA
Postal Code:	33418

Name:	Himanshu S. Amin
Street Address:	37474 Mera Court
City:	Solon
State/Country:	OHIO
Postal Code:	44139

Name:	Daniel B. Bortnick
Street Address:	6069 Maplewood Road
City:	Mentor
State/Country:	OHIO
Postal Code:	44060

Name:	Gregory Turocy
Street Address:	31547 Hunters Creek Drive
City:	Westlake
State/Country:	OHIO
Postal Code:	44145

PROPERTY NUMBERS Total: 1

500172763

PATENT  
REEL: 018465 FRAME: 0050

OP \$40.00 11555374

Property Type	Number
Application Number:	11555374
<b>CORRESPONDENCE DATA</b>  Fax Number: (216)696-8731 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 216-696-8730 Email: rbellas@thepatentattorneys.com Correspondent Name: Amin, Turocy & Calvin, LLP Address Line 1: 24th Floor, National City Center Address Line 2: 1900 East Ninth Street Address Line 4: Cleveland, OHIO 44114	
ATTORNEY DOCKET NUMBER:	ACP101USA
NAME OF SUBMITTER:	Gregory Turocy
Total Attachments: 3 source=Assn#page1.tif source=Assn#page2.tif source=Assn#page3.tif	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number: 10/838,471  
Filing Date: May 4, 2004  
Inventorship: Andrew G. Cartlidge  
Applicant: Andrew G. Cartlidge; Himanshu S. Amin; Daniel B. Bortnick; and  
Gregory Turocy  
Title: **SYSTEM AND METHODS FOR INCREASING FILL-  
FACTOR ON PIXELATED SENSOR ARRAYS**

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor:

Andrew G. Cartlidge  
22 Commodore Place  
Palm Beach Gardens, Florida 33418

Assignees:

Andrew G. Cartlidge  
22 Commodore Place  
Palm Beach Gardens, Florida 33418

Himanshu S. Amin  
10138 Timothy Lane  
Twinsburg, Ohio 44087

Daniel B. Bortnick  
6069 Maplewood Road  
Mentor, Ohio 44060

Gregory Turocy  
31547 Hunters Creek Drive  
Westlake, Ohio 44145

**AGREEMENT**

WHEREAS, ASSIGNORS are the inventors of an invention entitled "SYSTEM AND  
METHODS FOR INCREASING FILL-FACTOR ON PIXELATED SENSOR ARRAYS" as

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described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Andrew G. Cartlidge, a resident of the State of Florida having a place of residence at 22 Commodore Place, Palm Beach Gardens, Florida 33418; Himanshu S. Amin, a resident of the State of Ohio having a place of residence at 10138 Timothy Lane, Twinsburg, Ohio 44087; Daniel B. Bortnick, a resident of the State of Ohio having a place of residence at 6069 Maplewood Road, Mentor, Ohio 44060; and Gregory Turocy, a resident of the State of Ohio having a place of residence at 31547 Hunters Creek Drive, Westlake, Ohio 44145 (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries, the entire right, title and interest shared and owned in accordance with a Legal Services Agreement executed by Assignees Cartlidge, Amin, Bortnick, and Turocy;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto ASSIGNEES, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on

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said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

17 Jun 04  
Date

[Signature]  
Andrew G. Cartlidge

**CERTIFICATE OF ACKNOWLEDGMENT**

State of Florida

County of Palm Beach

On June 16, 2004 before me, ~~Andrew~~ Kendall Haefeker  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Andrew Cartlidge  
Name(s) of Signer(s)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Kendall Haefeker  
MY COMMISSION # DD192399 EXPIRES  
March 11, 2007  
BONDED THRU "ROY FAIN INSURANCE, INC"

WITNESS my hand and official seal.

[Signature]  
Signature of Notary Public