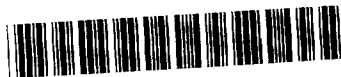


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101552759 PATENT APPLICATION FORM COVER SHEET PATENTS ONLY

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Conveying Party(ies)		<input type="checkbox"/> Mark if additional names of conveying parties attached	

	Execution Date Month Day Year
--	----------------------------------

Name (line 1) Robert H. Luetzow	October 24, 2000
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Name (line 2)	
---------------	--

Second Party	Execution Date Month Day Year
---------------------	----------------------------------

Name (line 1) Kenneth Brown	
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Name (line 2)	
---------------	--

Receiving Party	Mark if additional names of receiving party attached
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Name (line 1) Optek Technology, Inc.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
--------------------------------------	---

Name (line 2)

Address (line 1) 1215 West Crosby Road
--

Address (line 2)

Address (line 3) Carrollton, Texas, USA	75006
---	-------

City	State/Country	Zip Code
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Domestic Representative Name and Address <small>Enter for the first Receiving Party only.</small>		
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Name

Address (line 1)

Address (line 2)

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Page 2

Correspondent Name and Address

Area Code and Telephone Number

(317) 634-3456

Name

Brad A. Schepers

Address (line 1)

Woodard, Emhardt, Naughton, Moriarty & McNett

Address (line 2)

111 Monument Circle, Suite 3700

Address (line 3)

Bank One Center/Tower

Address (line 4)

Indianapolis, Indiana 46204-5137

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

3

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)**Patent Number(s)**

09/413,647

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Corporation TreatyEnter a PCT application number only if a U.S. Application Number has not been assigned.

PCT

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Number of properties

Enter the total number of properties involved

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:
Deposit Account Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account).

Deposit Account Number

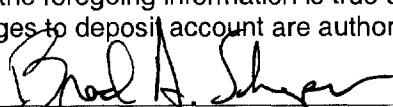
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Authorization to charge additional fees:

Yes No **Statement and Signature**

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.

Brad A. Schepers



November 21, 2000

Name of Person Signing**Signature****Date**

ASSIGNMENT

WHEREAS, **Robert H. Luetzow** of 279 Club View Drive, Lytle Creek, California 92358 and **Kenneth Brown** of 5009 Oakhurst Avenue, Banning, California 92220 collectively hereinafter referred to as Assignors, have made a new and useful invention in **System For Outputting a Plurality of Digital Signals as a Collective Representation of Incremental Movements of an Object** for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, **Optek Technology, Inc.**, hereinafter referred to as Assignee, a corporation of the State of Delaware having a principal place of business at 1215 West Crosby Road, Carrollton, Texas 75006 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this ___ day of _____, 2000, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No. 09/413,647, Filed October 6, 1999) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

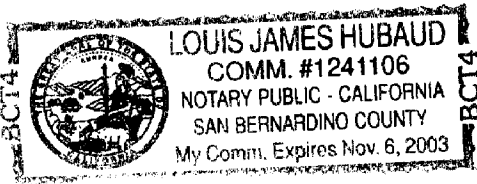
Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 29 day of OCTOBER, 2000.

Robert H Luetzow
Robert H. Luetzow

STATE OF CALIFORNIA)
San) SS:
COUNTY OF SAN BERNARDINO)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, Robert H. Luetzow, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.



[Signature]
Notary Public

Printed: LOUIS JAMES HUBAUD
San
Resident of SAN BERNARDINO County

My Commission Expires:
11-06-2003