12-09-2005

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-9027 (exp. 5/31/2002)

Tab settings ⇔⇔⇔



Internal Address

City: Nashville

ZIP 37211

103133486

2. Name and address of receiving party(ies)

Name: Advanced Sorting Technologies LLC

Street Address: 3738 Keystone Avenue

Additional name(s) & address(es) attached?

ST: TN

1. Name of conveying party(ies):

Russell S. Bruner, David R. Morgan, Garry R. Kenny

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

Assignment

Execution Date(s): Aug. 22, 2000; Oct. 30, 2000; Aug. 30,

2000

4. Application number(s) or patent number(s):

A. Patent Application No.(s): 11/139,005

B. Patent No.(s):

Additional numbers attached? No

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: WADDEY & PATTERSON

Internal Address: ROUNDABOUT PLAZA

SUITE 500

Street Address: 1600 DIVISION STREET

City: NASHVILLE

State: TN

Zip: 37203

Customer No. 23456

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):..... \$40.00

The fee is enclosed

8. Deposit account number:

23-0035

(Attach duplicate copy of this page if paying by deposit account.)

## DO NOT USE THIS SPACE

9. 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.

Lucian Wayne Beavers, Reg. No. 28,183

12/12/2005 ECOOPER 00000208 11139005

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents, Mail Stop Assignment Recordation Services

P.O. Box 1450 Alexandria, VA 22313-1450

01 FC:8021

## ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, Russell S. Bruner, David R. Morgan, Garry R. Kenny, Paul G. Gaddis, David Lee, James M. Roggow, ("Assignors") assign to Advanced Sorting Technologies LLC, a limited liability company organized under the laws of the State of Washington ("Assignee"), their entire right, title, and interest in and to an invention entitled "SYSTEM AND METHOD FOR SENSING WHITE PAPER" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto, and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention or improvements thereto, including pending U.S. Patent Application Serial Number 09/301,715, filed April 29, 1999.

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

REEL: 017317 FRAME: 0448

This Assignment and each of its terms shall be binding on each Assignor, their representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Knowl 5 Ben

Russell S. Bruner

8/22/00

Date

STATE OF TENNESSEE
COUNTY OF DAY 05

Before me, Russell S. Bruner, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 32 day of Agust

, 2000.

Notary Public

My commission expires:

R. WAYNE SMITH

NOTARY PUBLIC - TENNESSEE

DAVIDSON COUNTY

My Commission Expires Sept. 23, 2000

$\mathcal{L}$	
Novel Mayor	10/30/00
David R. Morgan	Date

STATE OF Kentucky
COUNTY OF Calloway

Before me, Roberco Red, a Notary Public of the state and county aforesaid, personally appeared David R. Morgan, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This <u>30th</u> day of <u>October</u>, 2000.

Notary Public

My commission expires: 8.14.04



Ans 30, 2000
Date

STATE OF OREGON COUNTY OF <u>Clackana</u>

Before me, <u>larlisle</u>, a Notary Public of the state and county aforesaid, personally appeared Garry R. Kenny, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 30th day of August, 2000.

Notary Public

My commission expires: Dec 24, 2003



Paul G. Gaddis	Date
STATE OF	
county aforesaid, personally appear personally acquainted, or proved to and who upon oath, acknowledged	, a Notary Public of the state and red Paul G. Gaddis, with whom I am me on the basis of satisfactory evidence, himself to be the within named joint e foregoing instrument for the purposes
This day of	, 2000.
	Notary Public
My commission expires:	

David Lee	Date
STATE OFCOUNTY OF	
county aforesaid, personally appeacquainted, or proved to me on upon oath, acknowledged himself	, a Notary Public of the state and eared David Lee, with whom I am personally the basis of satisfactory evidence, and who f to be the within named joint Assignor, and strument for the purposes therein contained.
This day of	, 2000.
	Notowy Public
My commission expires:	Notary Public

James M. Roggow	Date
STATE OF	
county aforesaid, personally appear personally acquainted, or proved to and who upon oath, acknowledged	, a Notary Public of the state and ed James M. Roggow, with whom I am me on the basis of satisfactory evidence, himself to be the within named joint a foregoing instrument for the purposes
This day of	, 2000.
	Notary Public
My commission expires:	

RECORDED: 11/09/2005