

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.

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.

Russell S Bruner

Russell S. Bruner

8/22/00

Date

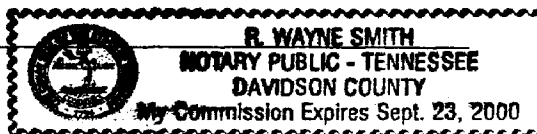
STATE OF TENNESSEE
COUNTY OF DAVISON

Before me, R. WAYNE SMITH, a Notary Public of the state and county aforesaid, personally appeared 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 22 day of August, 2000.

R. Wayne Smith
Notary Public

My commission expires:



David R. Morgan
David R. Morgan

10/30/00
Date

STATE OF Kentucky
COUNTY OF Calloway

Before me, Rebecca S. Reed, 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 30th day of October, 2000.

Rebecca S. Reed
Notary Public

My commission expires: 8-14-04

Garry R. Kenny

Garry R. Kenny

Aug 30, 2000

Date

STATE OF OREGON
COUNTY OF Clackamas

Before me, Tara L. Carlisle, 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.

Tara L. Carlisle

Notary Public

My commission expires: Dec. 26, 2003



Paul G. Gaddis

Date

STATE OF _____
COUNTY OF _____

Before me, _____, a Notary Public of the state and county aforesaid, personally appeared Paul G. Gaddis, 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 _____ day of _____, 2000.

Notary Public

My commission expires: _____

David Lee

Date

STATE OF _____
COUNTY OF _____

Before me, _____, a Notary Public of the state and county aforesaid, personally appeared David Lee, 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 _____ day of _____, 2000.

Notary Public

My commission expires: _____

James M. Roggow

Date

STATE OF _____
COUNTY OF _____

Before me, _____, a Notary Public of the state and county aforesaid, personally appeared James M. Roggow, 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 _____ day of _____, 2000.

Notary Public

My commission expires: _____