9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: (wegust 23)

State: Illinois Zip: 60606-6402

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City: Chicago

08/27/1999 MTHAII

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William E. McCracken

Reg. No. 30,195

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

Atty. Docket No: 27600/M168A

Serial No: 09/354,261 Filed: July 15, 1999

Title: "Using Ink Temperature Gain to Identify Causes of Web Breaks in a Printing System"

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 010190 FRAME: 0459

WITNESS my hand this day of	, Nineteen Hundred and Ninety-Nine.
State of Tennesee County of Sance ss.	A Trail
	Robert Evans
On this 1 day of 3 day, 1999, befaforesaid, appeared Robert Evans, to me personally known to	fore me, a Notary Public in and for the County and State
aforesaid, appeared Robert Evans, to me personally known t	o be the same person whose name is subscribed to the
foregoing instrument, and acknowledged that he executed said	instrument as his free and voluntary act and for the uses
and purposes therein expressed. WITNESS my hand and seal the same day and year la	st above given.
My Commission Expires: 5-26-55	Netary Piblic
WITNESS my hand this 13 Th day of JULY	, Nineteen Hundred and Ninety-Nine.
State of Illinois County of Du Pacz }ss.	Did Bun Wong
On this 3 TH day of JU-Y. ,1999, bef	fore me, a Notary Public in and for the County and State
aforesaid, appeared Did Bun Wong, to me personally known	
foregoing instrument, and acknowledged that he executed said	instrument as his free and voluntary act and for the uses
and purposes therein expressed.	
WITNESS my hand and seal the same day and year last	st above given.
	Notary Public
	OFFICIAL SEAL
	DENNIS J OBLAK
	NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES:02/26/00
	TOTAL SAN TOTAL