6.72.98	1098
FORM PTO-1595 REC 06-30 (Rev. 6-93)	1998 IEET U.S. DEPARTMENT OF COMMER Patent and Trademark Off
OMB No. 0651-0011 (exp. 4/94)	
Tab settings ⇔ ⇔ ♥ ▼ To the Honorable Commissioner of Pate	4946/
	. Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Ralph N. Crabtree / //// (C)	Name: NCR Corporation
Mehdi Khosravi	Internal Address:aw_Department
Additional name(s) of conveying party(ies) attaited?  Yes	
3. Nature of conveyance:	
X Assignment D Merger	Street Address: 1700 S. Patterson Blv
□ Security Agreement □ Change of Name	
□ Other	City: Dayton State: OH ZIP:4547
□ Other	000
Execution Date: May 11, 1998	Additional name(s) & address(es) attached? 🗅 Yes 🗙 No
4. Application number(s) or patent number(s)	Docket No. 7432.50
If this document is being filed together with a new applicati	
A. Patent Application No.(s)	B. Patent No.(s)
09/020,113	
Additional numbers	attached? 🗆 Yes 🗶 No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Name: Paul W. Martin	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Law Department, ECD-2	
	Authorized to be charged to deposit account
Street Address: 101 W. Schantz Avenue	8. Deposit account number:
GrootAdross Bonanez hyonde	o. Deposit account number;
	14-0225
City: Dayton State: OH ZIP: 45479-0001	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
<ol> <li>Statement and signature.</li> </ol>	
	mation is true and correct and any attached copy is a true copy
Paul W. Martin	MUMMY 6/8/98
Name of Person Signing	Signature 7 Date

Commissioner of Patents & Tradeparks Elox Assignment's RAME: 0229

## ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, we, **Ralph N. Crabtree** of Atlanta, Georgia; **Michael C. Moed** of Roswell, Georgia; and **Mehdi Khosravi**, of Roswell, Georgia, have invented certain new and useful improvements in a **SYSTEM AND METHOD FOR MATCHING IMAGE INFORMATION TO OBJECT MODEL INFORMATION**, Docket No. 7432.50, for which we have filed an application for Letters Patent of the United States, having Serial No. 09/020,113, or February 6, 1998; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business in Dayton, Ohio, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

NOW, THEREFORE, be it known that in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said NCR Corporation, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said NCR Corporation, of Maryland, its successors and assigns.

Further, we agree that we will communicate to said NCR Corporation, or its representatives, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to NCR Corporation, make all rightful baths and generally to do everything possible to aid said NCR Corporation, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

	Signed	at	11:27,	this	2.1	day	of	June,
1998.								

STATE OF GEORGIA SE

On this  $2^{n}$  day of  $\int u_{n}$ , 1998, before me personally appeared **Ralph N. Crabtree**, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Public larv

My Commission States Autoust 7, 2001

					ŷ			
	Signed	at	11:27am.	this $\underline{2}^{r}$	day	of	June 1	,
1998.				N	1 ×	$\cap$		
					ZA –		10 f	

Michael C. Moed

STATE OF	GEORGIA	)	
COUNTY OF	DERALB	) )	SS:

On this <u>2</u><sup>----</sup> day of <u>borne</u>, 1998, before me personally appeared **Michael C. Moed**, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Notary Public HAV Commission Expires

- Pay Commission Expir-August 1, 2011

	Signed	at	 this	 day	of	 ,
1998						

Mehdi Khosravi

STATE OF )
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me personally appeared **Mehdi Khosravi**, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Notary Public

## PATENT REEL: 9263 FRAME: 0232

## ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, we, **Ralph N. Crabtree** of Atlanta, Georgia; **Michael C. Moed** of Roswell, Georgia; and **Mehdi Khosravi**, of Roswell, Georgia, have invented certain new and useful improvements in a **SYSTEM AND METHOD FOR MATCHING IMAGE INFORMATION TO OBJECT MODEL INFORMATION**, Docket No. 7432.50, for which we have filed an application for Letters Patent of the United States, having Serial No. 09/020,113, on February 6, 1998; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business in Dayton, Ohio, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

NOW, THEREFORE, be it known that in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said NCR Corporation, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said NCR Corporation, of Maryland, its successors and assigns.

Further, we agree that we will communicate to said NCR Corporation, or its representatives, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to NCR Corporation, make all tightful oaths and generally to do everything possible to aid said NCR Corporation, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

Sign	ed	at	 this	and the constant of the second	day	сf	/	,
1998.								

Ralph N. Crabtree

STATE OF )
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me personally appeared **Ralph N. Crabtree**, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Notary Public

Signed at \_\_\_\_\_, this \_\_\_\_ day of 1998.

Michael C. Moed

STATE OF ss: COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me personally appeared Michael C. Moed, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Notary Public

Signed at 10:40 AM, this 11th day of Moy 1998, 1998.

STATE OF COUNTY OF

On this  $\frac{1}{1}$  day of  $\frac{1}{1}$  day of  $\frac{1}{1}$  and  $\frac{1}{1}$ , 1998, before me personally appeared Mehdi Khosravi, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

ss:

Keagle

Notary Public, Fulton County, Georgia My Commission Expires September 5, 1999

PATENT REEL: 9263 FRAME: 0235

(SEAL)

RECORDED: 06/18/1998