

06-23-2000

Docket No. NA-12692

FORM PTO-1595

(Rev 10-96)

RECO

OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101388758

Original documents or copy thereof.

To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):

Dennis Keith Mull

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies):

Name: The North American Manufacturing Company

Internal Address: \_\_\_\_\_

Street Address: 4455 East 71st Street

City Cleveland State Ohio ZIP 44105

Additional name(s) &amp; address(es) attached? [ ] Yes [x] No

3. Nature of conveyance:

[x] Assignment [ ] Merger

[ ] Security Agreement [ ] Change of Name

[ ] Other \_\_\_\_\_

Execution Date: June 9, 2000

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

If this document is being filed together with a new application, the execution date of the application is: June 9, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert V. Vickers

Internal Address: \_\_\_\_\_

Street Address: VICKERS, DANIELS & YOUNG  
50 PUBLIC SQUARE, SUITE 2000  
CLEVELAND, OHIO 44113-2235

6. Total number of applications and patents involved: 1

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

☒ Enclosed☒ You are authorized to charge our deposit account for any additional fee required.

8. Deposit account number: 22-0347

A duplicate copy of this form is attached

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.*

ROBERT V. VICKERS

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

"Express Mail" mailing label number EG023193088 US  
PATENT

REEL: 010866 FRAME: 0044

VICKERS, DANIELS & YOUNG  
2000 TERMINAL TOWER  
CLEVELAND, OHIO 44113-2235

**ASSIGNMENT**

WHEREAS, ASSIGNOR: Dennis Keith Mull

of the City, County and State of: Concord, Lake County, Ohio

has made an invention in "Edge Detector"

and has executed on 06-09-00 an application for Letters Patent of the United States on said invention, hereinafter referred to as "said application";

AND, WHEREAS, The North American Manufacturing Company,  
an Ohio corporation

having its principal place of business at: 4455 East 71st Street  
Cleveland, Ohio 44105-5600

hereinafter called ASSIGNEE, is desirous of acquiring the entire worldwide rights, title and interest in, to and under said invention and said application;

NOW THEREFORE,

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNOR hereby sells, transfers and assigns to the ASSIGNEE, its successors, assigns, nominees, or other legal representatives the full, exclusive, entire, worldwide rights, title and interest in, to and under said invention as described and claimed in said application, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, continuations-in-part and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in ASSIGNEE'S own name to apply for and obtain patents in countries foreign to the United States, including the full right to

claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as ASSIGNOR could have done if the foreign application had been filed in the name of the ASSIGNOR, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and ASSIGNOR authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to ASSIGNEE, its successors, assigns, nominees or other legal representatives, as ASSIGNEE and owner of the said entire rights, and ASSIGNOR covenants that ASSIGNOR has full right to convey the said entire interest herein assigned and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith, and ASSIGNOR will communicate to ASSIGNEE, its successors, assigns, nominees or other legal representatives all facts known to ASSIGNOR respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths or declarations and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when ASSIGNEE, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, ASSIGNOR will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and,

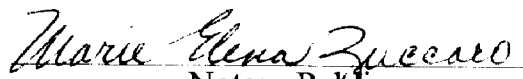
ASSIGNOR further covenants and agrees that ASSIGNOR will, at any time upon request, do everything possible to aid ASSIGNEE, its successors, assigns, nominees, or other legal representatives, either in the name of ASSIGNOR or ASSIGNEE, to apply for, obtain and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty and all the laws and treaties in force, all without further consideration but at the expense of ASSIGNEE, its successors, assigns, nominees or other legal representatives.

IN WITNESS WHEREOF, this assignment has been executed by the undersigned.

  
DENNIS KEITH MULL

STATE OF OHIO )  
 ) SS  
COUNTY OF CUYAHOGA )

Subscribed and sworn to before me this 9<sup>th</sup> day of JUNE 200

  
Notary Public  
My Commission Expires 5/20/2003  
State of Ohio