

FORM PTO-1619B
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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. Charges to deposit account are authorized, as indicated herein.

Brenda Gray

Brenda J. Gray

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ASSIGNMENT OF PATENT RIGHTS

We, RICHARD NORCROSS, residing in ^{DARNESTOWN} ~~Germantown~~, Maryland, and W. ROBERT BUNCH, residing in Ashburn, Virginia, have co-invented with Dave Engvall "CHAIN CODE POSITION DETECTOR," and have filed an application for United States Letters Patent, Serial Number 09/590,895 on June 9, 2000.

The invention was made while we were employees of the United States Department of Commerce and under such circumstances that applicable laws and regulations render the patent rights assignable to the United States. The United States of America, represented by the Secretary of Commerce, wishes to acquire these rights.

Therefore, we assign to the United States of America, as represented by the Secretary of Commerce, our full and exclusive world-wide rights to this invention. This invention and its derivative applications and Letters Patent are to be held by the United States of America for the full term for which such Letters Patent may be granted as completely as they would have been held by us had we not made this assignment.

We agree to make, execute, and deliver to the Secretary of Commerce all documents in such usual or other forms, terms, or contents as may be required by the Secretary for the prosecution

of all applications arising from this invention, as well as after issuance of Letters Patent, and for the settlement of any interference or other action or proceeding, these applications and Letters Patent may encounter. We will aid the United States of America in every way to protect the invention as requested by the Secretary, except that any expenses arising through such assistance will be borne, through proper arrangement, by the United States of America.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements, oral, written, or implied, that will impair the interests conveyed in this assignment at the time we execute this instrument.


IN TESTIMONY WHEREOF, we sign.



 RICHARD J. NORCROSS

28 AUG 00

 DATE



 ROBERT W. BUNCH
 W. ROBERT BUNCH

30 AUG 00

 DATE