#### ELECTRIC FIELD ENHANCEMENT OF EFFICIENCY IN AUTORADIOGRAPHIC EXPOSURES

by

John S. Doe

B.S. Brooklyn Polytechnic

(1984)

A thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in the Chester F. Carlson Center for Imaging Science of the College of Science Rochester Institute of Technology

July 1992

Signature of t	he Author		
Accepted by _			
1 7 -	Coordinator, M.S. Degree Program	Date	

#### ELECTRIC FIELD ENHANCEMENT OF EFFICIENCY IN AUTORADIOGRAPHIC EXPOSURES

by

John S. Doe

B.S. Brooklyn Polytechnic

(1984)

A dissertation submitted in partial fulfillment of the requirements for the degree of Ph.D. in the Chester F. Carlson Center for Imaging Science of the College of Science Rochester Institute of Technology

July 1992

Signature of th	ne Author		
Accepted by _			
Accepted by _	Coordinator, Ph.D. Degree Program	Date	

## CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE COLLEGE OF SCIENCE ROCHESTER INSTITUTE OF TECHNOLOGY ROCHESTER, NEW YORK

#### **CERTIFICATE OF APPROVAL**

#### M.S. DEGREE THESIS

The M.S. Degree Thesis of John S. Doe has been examined and approved by the thesis committee as satisfactory for the thesis requirement for the Master of Science degree

Dr. Joe Numberone, Thesis Advisor
Professor Frank Numbertwo
Dr. Harry Three
Date

# CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE COLLEGE OF SCIENCE ROCHESTER INSTITUTE OF TECHNOLOGY ROCHESTER, NEW YORK

<u>CERTIFICA</u>	TE OF APPROVAL	
Ph.D. DEGR	EE DISSERTATION	
has been examin dissertation comm dissertation	The Ph.D. Degree Dissertation of John S. Doe has been examined and approved by the dissertation committee as satisfactory for the dissertation requirement for the Ph.D. degree in Imaging Science	
	Dr. Joe Numberone, Thesis Advisor	
	Professor Frank Numbertwo	
	Dr. Harry Three	

Date

## THESIS RELEASE PERMISSION ROCHESTER INSTITUTE OF TECHNOLOGY COLLEGE OF SCIENCE CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE

Title of Thesis	
I, permission to the Wallace Memorial Library of R.I. reproduction will not be for commercial use or profit	${\Gamma$ . to reproduce my thesis in whole or in part. Any t.
Signature:	
Date:	

#### DISSERTATION RELEASE PERMISSION ROCHESTER INSTITUTE OF TECHNOLOGY COLLEGE OF SCIENCE CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE

e of Dissertation	
, prefer to be co h time a request for reproduction is made. I can be reached at the following address:	ontacted
e:	

#### ELECTRIC FIELD ENHANCEMENT OF EFFICIENCY IN AUTORADIOGRAPHIC EXPOSURE

by John S. Doe

Submitted to the
Chester F. Carlson
Center for Imaging Science
College of Science
in partial fulfillment of the requirements
for the Master of Science Degree
at the Rochester Institute of Technology

#### **ABSTRACT**

An external electric field was applied during autoradiographic exposures in an attempt to influence this, that, and the other. Techniques for noise minimization were employed. It was concluded that autoradiographic exposure is not needed.

#### ELECTRIC FIELD ENHANCEMENT OF EFFICIENCY IN AUTORADIOGRAPHIC EXPOSURE

by John S. Doe

Submitted to the
Chester F. Carlson
Center for Imaging Science
College of Science
in partial fulfillment of the requirements
for the Ph.D. Degree
at the Rochester Institute of Technology

#### **ABSTRACT**

An external electric field was applied during autoradiographic exposures in an attempt to influence this, that, and the other. Techniques for noise minimization were employed. It was concluded that autoradiographic exposure is not needed.

#### ACKNOWLEDGEMENTS

I wish to acknowledge Mr. Soandso for his help with many exposures, etc. etc.

### APPROVAL TO SCHEDULE CANDIDACY EXAMS FOR DOCTORAL STUDENTS

has subm	nitted an acceptable draft proposal and has scheduled a
Candidacy exam which we will administer during the week of	
Dissertation Advisor	<del></del>
Committee Members	
The student is in good standing and shou	ald be permitted to take the Candidacy exam.
	Academic Coordinator

### COMPLETION OF CANDIDACY EXAMS FOR DOCTORAL STUDENTS

has successfull	y completed the Candidacy exams administered
during the week of	. The student is approved to continue the research
toward the proposed dissertation subject to the	e following conditions:
Dissertation Advisor	
Committee Members	