



CCD ARRAYS, CAMERAS, and DISPLAYS

Second edition

Gerald C. Holst

Copublished by

JCD Publishing 2932 Cove Trail Winter Park, FL 32789

and



SPIE OPTICAL ENGINEERING PRESS

A Publication of SPIE—The International Society for Optical Engineering
Bellingham, Washington USA



Library of Congress Cataloging-in-Publication Data

Holst, Gerald C.

CCD arrays, cameras, and displays/ Gerald C. Holst. -- 2nd ed.

p. cm.

Includes bibliographical references (p.) and index.

ISBN 0-9640000-4-0 (hardcover)

1. Charge coupled devices. 2. Information display systems.

I. Title

TK7871.99.C45H65 1998

621.36'7--dc21

98-10770

CIP

Copublished by

JCD Publishing

2932 Cove Trail

Winter Park, FL 32789

Phone: 407/629-5370

Fax: 407/629-5370

ISBN: 0-9640000-4-0

SPIE - The International Society for Optical Engineering

P.O. Box 10

Bellingham, WA 98227-0010

Phone: 360/676-3290 Fax: 360/647-1445

WWW: http://www.spie.org

ISBN: 0-8194-2853-1

Notice:

Reasonable efforts have been made to publish reliable data and information, but the Author and Publishers cannot assume responsibility for the validity of all materials or the consequences of their use.

Copyright [©] 1998 Gerald C. Holst

All rights reserved. No part of this book may be reproduced in any form by any means without written permission from the copyright owner.



The second edition is dedicated to

Emily, Irma, and Deanne



CCD ARRAYS, CAMERAS, and DISPLAYS

Second edition



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

