EXHIBIT 1053

P.B. DENYER, D. RENSHAW, W. GOUYU, L.M.YING, and S. ANDERSON, "On-Chip CMOS sensors for VLSI Imaging Systems,"

IFIP Transactions VLSI 91 Halaas & Denyer eds. pp. 157-166 (1992) by Peter Denyer *et al*.

TRW Automotive U.S. LLC: EXHIBIT 1053 PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NUMBER 8,599,001 IPR2015-00436



ISSN 0926-5473

IFIP Transactions

A-1

VLSI 91

A. HALAAS P. B. DENYER Editors

IFIP





VLSI 91



IFIP Transactions A: Computer Science and Technology



International Federation for Information Processing

Technical Committees:

SOFTWARE: THEORY AND PRACTICE (TC2)
EDUCATION (TC3)
SYSTEM MODELLING AND OPTIMIZATION (TC7)
INFORMATION SYSTEMS (TC8)
RELATIONSHIP BETWEEN COMPUTERS AND SOCIETY (TC9)
COMPUTER SYSTEMS TECHNOLOGY (TC10)
SECURITY AND PROTECTION IN INFORMATION PROCESSING SYSTEMS (TC11)
ARTIFICIAL INTELLIGENCE (TC12)
HUMAN-COMPUTER INTERACTION (TC13)
FOUNDATIONS OF COMPUTER SCIENCE (SG14)



VLSI 91

Proceedings of the IFIP TC10/WG 10.5 International Conference on Very Large Scale Integration Edinburgh, Scotland, 20-22 August, 1991

Edited by

A. HALAAS

University of Trondheim Trondheim, Norway

P. B. DENYER

University of Edinburgh Edinburgh, Scotland



1992

NORTH-HOLLAND



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.

