How Do You Create and Build a Nanotechnology Company?



 Makes safe, reliable, economical and profitable nanoscale products with fast growing revenue



- Makes safe, reliable, economical and profitable nanoscale products with fast growing sales
- Provides a good return for shareholders using capital wisely and judiciously



- Makes safe, reliable, economical and profitable nanoscale products with fast growing sales
- Provides a good return for shareholders using capital wisely and judiciously
- Trains, employs and pays workers a fair and living wage



- Makes safe, reliable, economical and profitable nanoscale products with fast growing sales
- Provides a good return for shareholders using capital wisely and judiciously
- Trains, employs and pays workers a fair and living wage
- Contributes to the local, state and national financial well being



- Makes safe, reliable, economical and profitable nanoscale products with fast growing sales
- Provides a good return for shareholders using capital wisely and judiciously
- Trains, employs and pays workers a fair and living wage
- Contributes to the local, state and national financial well being
- Constantly innovates and leads competition for the US

• Established in 2001



- Established in 2001
- Technology exclusively licensed from Northwestern



- Established in 2001
- Technology exclusively licensed from Northwestern
- Experienced, entrepreneurial leadership team



- Established in 2001
- Technology exclusively licensed from Northwestern
- · Experienced, entrepreneurial leadership team
- Cumulative investment of over \$100 million in risk capital since 2001



- Established in 2001
- Technology exclusively licensed from Northwestern
- Experienced, entrepreneurial leadership team
- Cumulative investment of over \$100 million in risk capital since 2001
- Focus on building products and revenues

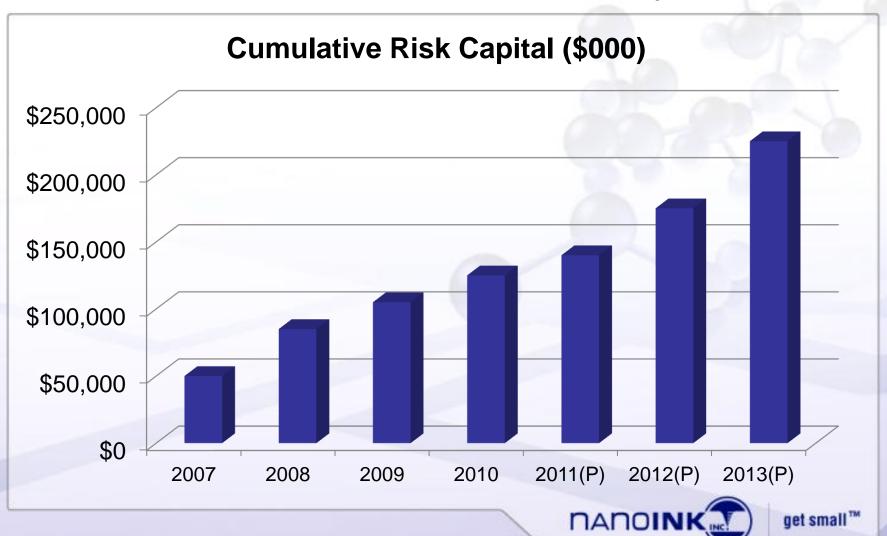


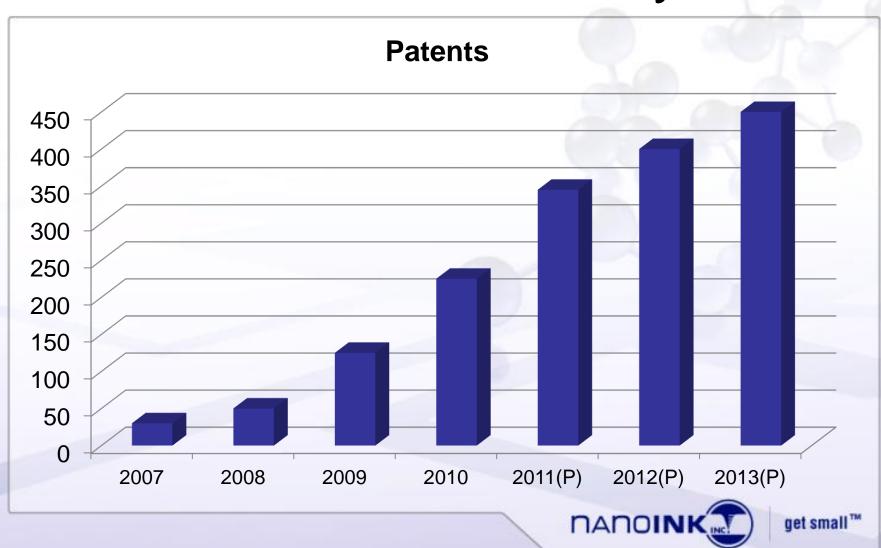
- Established in 2001
- Technology exclusively licensed from Northwestern
- Experienced, entrepreneurial leadership team
- Cumulative investment of over \$100 million in risk capital since 2001
- Focus on building products and revenues
- Company and facilities US based with >50% sales ex-US

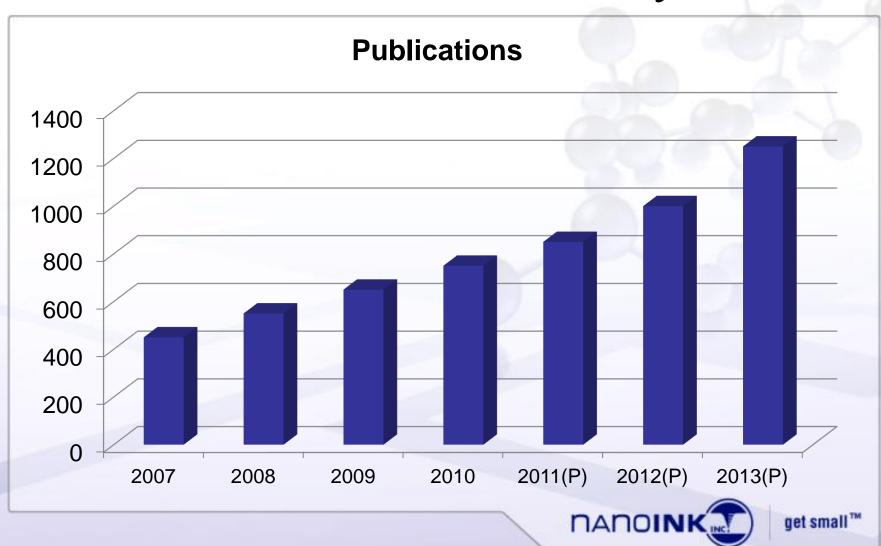


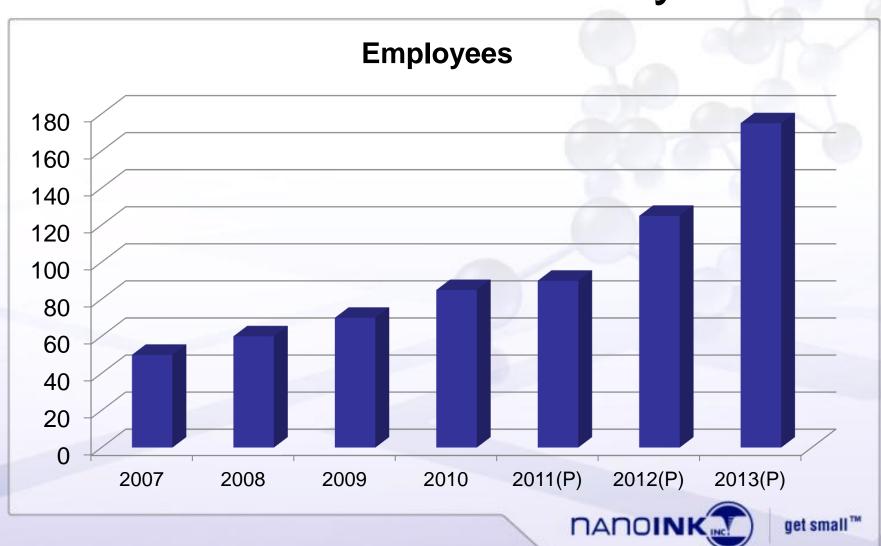
- Established in 2001
- Technology exclusively licensed from Northwestern
- Experienced, entrepreneurial leadership team
- Cumulative investment of over \$100 million in risk capital since 2001
- Focus on building products and revenues
- Company and facilities US based with >50% sales ex-US
- Formal technology training program (NanoProfessor) to promulgate the technology

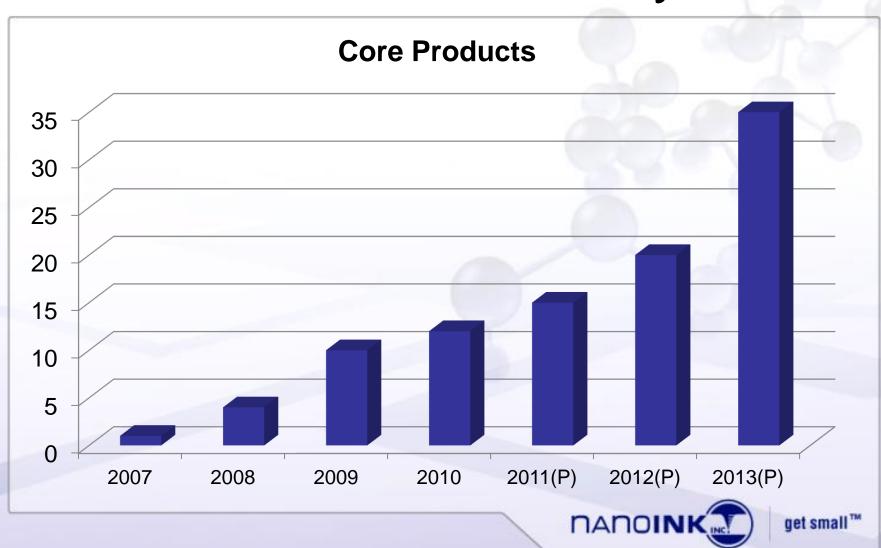


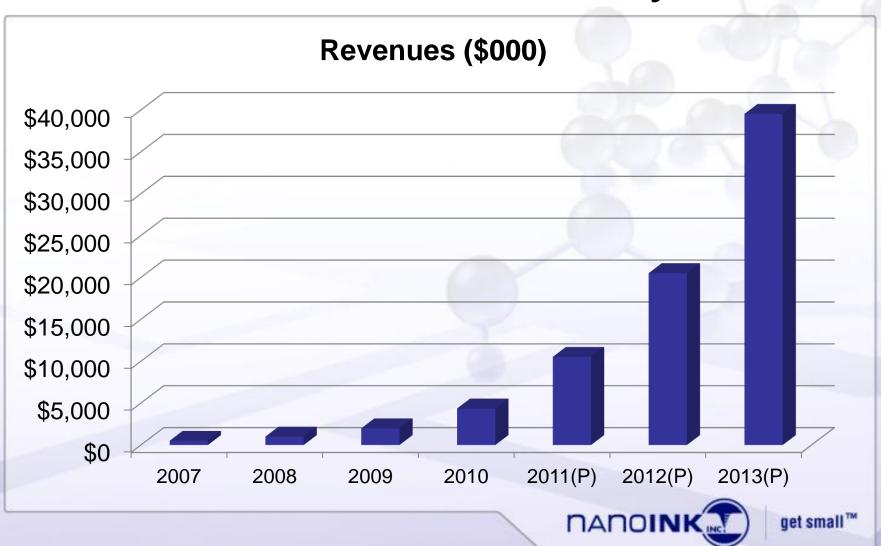












Nanolnk's Products and Services





Instruments:

Dip pen desktop systems (3) Encryption systems (2) NanoScan 900







Consumables:

Pens Inkwells Assays Substrates



Services:

Custom assays
Array printing
Tech transfer
Contract research





Once Developed, How Disruptive Is NanoTechnology?



Once Developed, How Disruptive Is NanoTechnology?

Wildly Disruptive



Once Developed, How Disruptive Is NanoTechnology?

Wildly Disruptive

Changes are in Orders of Magnitude



Fluidic Control: The Impact of Nanotechnology

Micropipette

• 100 microliter (10⁻⁴)

Pre-1990's



Fluidic Control: Billions Spent on Improving Fluidics

Micropipette

• 100 microliter (10⁻⁴)



Inkjet & lab-on-a-chip

- 100 picoliter (10⁻¹⁰)
- 1 million-fold reduction versus traditional micropipette







1990's and 2000's

Pre-1990's



get small™

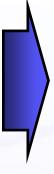
25

One Small Feature of Nanotechnology Completely Disrupts Fluidics Market

Micropipette

100 microliter (10⁻⁴)

Pre-1990's



Inkjet & lab-on-a-chip

- 100 picoliter (10⁻¹⁰)
- 1 million-fold reduction versus traditional micropipette







1990's and 2000's

Dip pen (Nanolnk)

- 1 zeptoliter (10⁻²¹)
- 100 billion-fold reduction versus inkjet & lab-on-a-chip



Today Onward





26

One Small Feature of Nanotechnology Completely Disrupts Fluidics Market

Micropipette

100 microliter (10⁻⁴)

Pre-1990's



Inkjet & lab-on-a-chip

- 100 picoliter (10⁻¹⁰)
- 1 million-fold reduction versus traditional micropipette





1990's and 2000's

Dip pen (Nanolnk)

- 1 zeptoliter (10⁻²¹)
- 100 billion-fold reduction versus inkjet & lab-on-a-chip



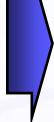
Today Onward



get small™

27

CONFIDENTIAL





- Miniaturizing Expensive Diagnostic Assays
 - better performance and much lower cost



- Miniaturizing Expensive Diagnostic Assays
 - better performance and much lower cost
- EHS Testing
 - non lethal rodent testing to reduce animals used in testing



- Miniaturizing Expensive Diagnostic Assays
 - better performance and much lower cost
- EHS Testing
 - non lethal rodent testing to reduce animals used in testing
- Dried Blood Spots
 - use finger sticks for all diagnostic tests instead of blood draws

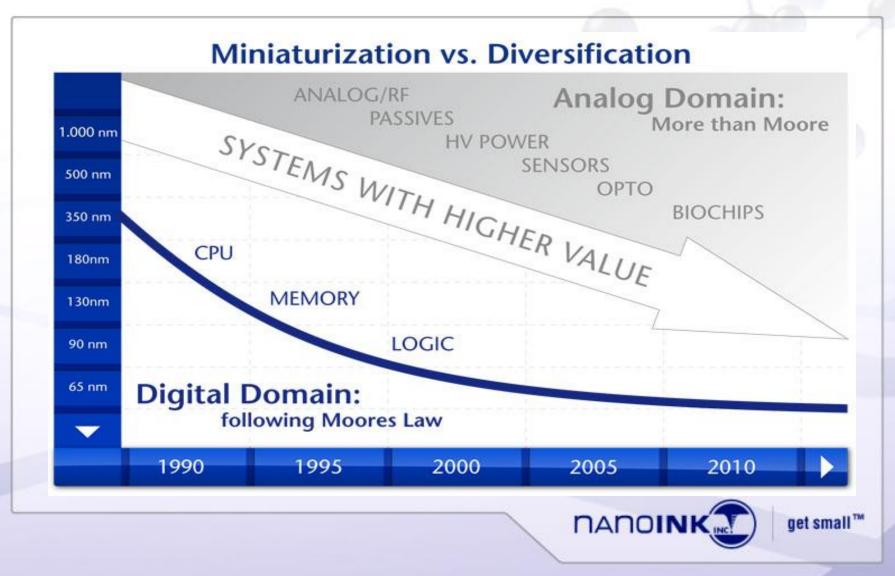


- Miniaturizing Expensive Diagnostic Assays
 - better performance and much lower cost
- EHS Testing
 - non lethal rodent testing to reduce animals used in testing
- Dried Blood Spots
 - use finger sticks for all diagnostic tests instead of blood draws
- Live Single Cell Assay Arrays
 - Create highly robust and reproducible cell based assays with single or multiple cells and single or multiple agents

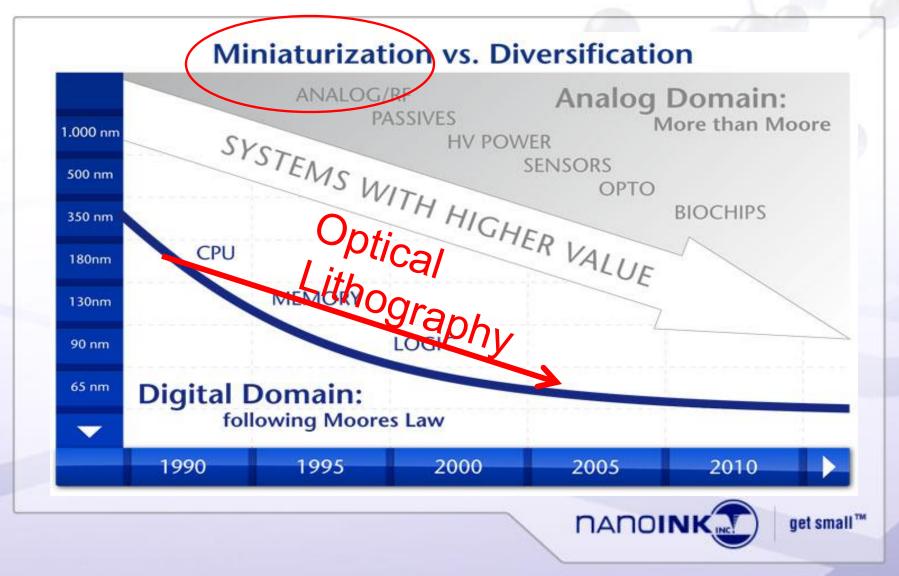


- Miniaturizing Expensive Diagnostic Assays
 - better performance and much lower cost
- EHS Testing
 - non lethal rodent testing to reduce animals used in testing
- Dried Blood Spots
 - use finger sticks for all diagnostic tests instead of blood draws
- Live Single Cell Assay Arrays
 - Create highly robust and reproducible cell based assays with single or multiple cells and single or multiple agents
- Genomics
 - Create highly dense and highly ordered genomic arrays for sequencing or other genomic analysis

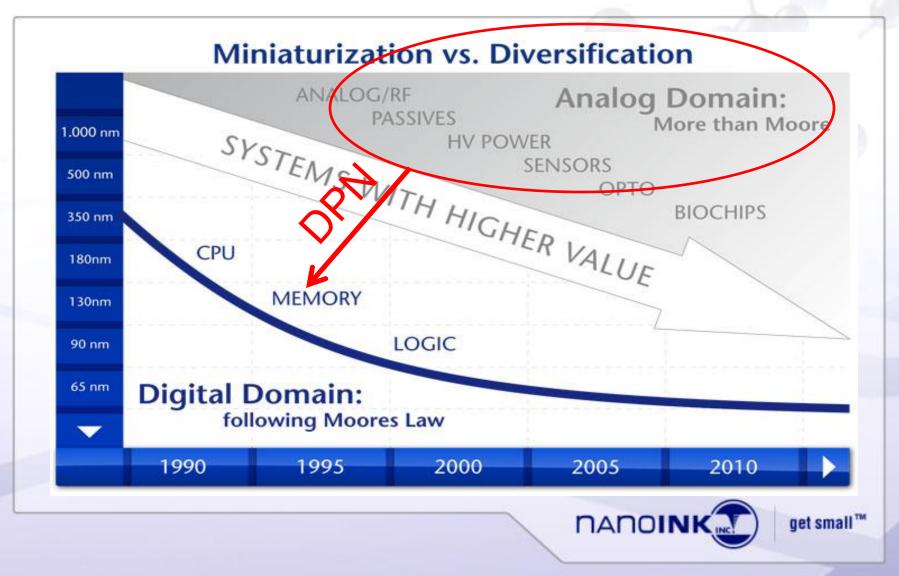
Future Applications "More than Moore"



Future Applications "More than Moore"



Future Applications "More than Moore"



Thanks

