2400 - New AI examples from USPTO			
2401 - AI Anomaly detection method			
BENCHMARKS	**ACTIVITIES BY YEAR**		
(none)	2024		
	'1-1	'2-1	'2-2
	Circuit design Eligible for patent	General anomaly detection - Ineligible	**Packet method for security - Eligible**
OBJECTIVES	**RESULTS**		
New ASIC chip design: 20 synapses/micron	17		
ANN Methodology: x			
Malicious attack detection: 99.9 %			99.5
UNCERTAINTIES & KEY VARIABLES	**CONCLUSIONS**		
1 - Circuit design HARDWARE			
connection methods	Y		
layouts	Y		
materials	Y		
2 - ANN design SOFTWARE / AI			
boundary definition - ordinary vs			Y
detection techniques			Y
variation sensitivity			Y
	METHODS		
Analysis			
Trials			
Prototypes			
Lines of code			
	COSTS		
Hours			
Materials $			
Subcontractor $			

2402 - AI Fibrosis Treatment		
BENCHMARKS	**ACTIVITIES BY YEAR**	
(none)	2024	
	'1-1	'1-2
	Screening method AI based - Ineligible	**Custom eyedrops - Eligible despite AI**
OBJECTIVES	**RESULTS**	
System to identify risk : 99.5 % develop anti fibrotic eye drop: 1 0= no / 1 Reduce Post Inflammation: 90 %	97	1 93
UNCERTAINTIES & KEY VARIABLES	**CONCLUSIONS**	
1 - Technological uncertainty		
drop formulation		Y
modelling SNPs - AI		
treatments - drops, microstints, surgery		Y
	METHODS	
Analysis Trials Prototypes Lines of code		
	COSTS	
Hours Materials $ Subcontractor $		

2410 - Transaxle design using AI					
BENCHMARKS	**ACTIVITIES BY YEAR**				
(none)	2024				
	'1-1	'1-2	'1-3	'1-4	'1-5
	AI generated result - Ineligible	Transaxle to practice - Ineligible	**Redesign on horizontal plane - Eligible**	**AI input on fabrication Eligible**	AI system designer - Ineligible inventor
OBJECTIVES	**RESULTS**				
(none)					
UNCERTAINTIES & KEY VARIABLES	**CONCLUSIONS**				
1 - Technological uncertainty					
	METHODS				
Analysis					
	COSTS				
Hours					

Subcontractor $					

2411 - Therapeutic cancer compound		
BENCHMARKS	**ACTIVITIES BY YEAR**	
(none)	2024	
	'1-1	'1-2
	AI provided feedback - Eligible	AI provided solution - Ineligible
OBJECTIVES	**RESULTS**	
(none)		
UNCERTAINTIES & KEY VARIABLES	**CONCLUSIONS**	
1 - Technological uncertainty		
	METHODS	
Analysis Trials Prototypes Lines of code		
	COSTS	
Hours Materials $ Subcontractor $		