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All Examples: Issue Spotting	Removing Malicious Code from Email	Generating a Composite Webpage	Digital Image Processing (<i>RCT</i>)	Global Positioning System	Digital Image Processing (<i>Digittech</i>)	Game of Bingo	E-Commerce transactions	Distribution of Products over the Internet	Gunpowder & Fireworks	Pomelo Juice	Amazonic Acid	Purified Proteins
Example Number	1	2	3	4	5	6	7	8	9	10	11	12
Claim Type aka Statutory Category												
Process	•		•	•	•		•	•		•	•	
Product (Composition of Matter, Manufacture, and/or Machine)	•	•	•	•		•			•	•	•	•
Judicial Exception												
Abstract Idea			•	•	•	•	•	•				
Law of Nature												
Product of Nature										•	•	•
Multiple exceptions in same claim												
No recited exception	•	•							•	•	•	•
Detailed Analysis												
Streamlined Analysis												
Step 2A Prong One: Generally *	•	•	•	•	•	•	•	•	•	•	•	•
Step 2A Prong One: Markedly Different Characteristics analysis									•	•	•	•
Step 2A Prong Two: Exception Integrated Into A Practical Application **			•	•		•	•	•				
Step 2B: Generally						•	•	•				
Step 2B: Claim is eligible because it provides an Inventive Concept												
Considerations Discussed in Step 2A Prong Two and/or Step 2B												
Improvements to Functioning of a Computer or Other Technology			•	•								
Particular Treatment or Prophylaxis (Prong Two only)												
Particular Machine												
Particular Transformation												
Other Meaningful Limitations			•	•								
Mere Instructions To Apply An Exception						•	•					
Insignificant Extra-Solution Activity						•		•				
Field of Use and Technological Environment								•				
Well-Understood, Routine, Conventional (WURC) Activity (Step 2B only) †						•		•				
No additional elements, so no Prong Two or Step 2B analysis					•					•	•	•

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All Examples: Issue Spotting	Genetically Modified Bacterium	Bacterial Mixtures	Nucleic Acids	Antibodies	Cells	Food	Hip Prosthesis	Robotic Arm Assembly	Transmission of Stock Quote Data	GUI for Meal Planning	GUI for Relocating Obscured Text	Updating Alarm Limits
Example Number	13	14	15	16	17	18	19	20	21	22	23	24
Claim Type aka Statutory Category												
Process									•		•	•
Product (Composition of Matter, Manufacture, and/or Machine)	•	•	•	•	•	•	•	•		•		
Judicial Exception												
Abstract Idea									•	•	•	•
Law of Nature												
Product of Nature	•	•	•	•	•	•	•					
Multiple exceptions in same claim						•						
No recited exception	•	•	•	•	•	•					•	
Detailed Analysis												
Streamlined Analysis							•	•				
Step 2A Prong One: Generally *	•	•	•	•	•	•			•	•	•	•
Step 2A Prong One: Markedly Different Characteristics analysis	•	•	•	•	•	•						
Step 2A Prong Two: Exception Integrated Into A Practical Application **									•		•	•
Step 2B: Generally					•				•	•	•	•
Step 2B: Claim is eligible because it provides an Inventive Concept									•		•	
Considerations Discussed in Step 2A Prong Two and/or Step 2B												
Improvements to Functioning of a Computer or Other Technology					•						•	
Particular Treatment or Prophylaxis (Prong Two only)												
Particular Machine												
Particular Transformation												
Other Meaningful Limitations					•				•			
Mere Instructions To Apply An Exception					•				•	•	•	
Insignificant Extra-Solution Activity												•
Field of Use and Technological Environment									•		•	•
Well-Understood, Routine, Conventional (WURC) Activity (Step 2B only) †					•				•	•		•
No additional elements, so no Prong Two or Step 2B analysis	•	•	•	•	•	•					•	

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All Examples: Issue Spotting	Rubber Manufacturing	Internal Combustion Engine	BIOS System Software	Vaccines	Diagnosing and Treating Juititis ✧	Dietary Sweeteners	Screening of Gene Alterations	Paper-making Machine	Hydrolysis of Fat	Filtering Internet Content	ATM Transactions	Tracking Inventory
Example Number	25	26	27	28	29	30	31	32	33	34	35	36
Claim Type aka Statutory Category												
Process	•		•		•		•		•		•	
Product (Composition of Matter, Manufacture, and/or Machine)	•	•		•		•		•		•		•
Judicial Exception												
Abstract Idea	•	•			•		•			•	•	•
Law of Nature					•							
Product of Nature				•		•						
Multiple exceptions in same claim	•				•							
No recited exception				•	•	•	•					
Detailed Analysis												
Streamlined Analysis		•	•					•	•			
Step 2A Prong One: Generally *	•			•	•	•	•			•	•	•
Step 2A Prong One: Markedly Different Characteristics analysis				•	•	•	•					
Step 2A Prong Two: Exception Integrated Into A Practical Application **	•				•					•	•	•
Step 2B: Generally				•	•	•	•				•	•
Step 2B: Claim is eligible because it provides an Inventive Concept	•			•	•					•	•	•
Considerations Discussed in Step 2A Prong Two and/or Step 2B												
Improvements to Functioning of a Computer or Other Technology	•									•		
Particular Treatment or Prophylaxis (Prong Two only)					•							
Particular Machine		•						•				
Particular Transformation	•											
Other Meaningful Limitations	•										•	•
Mere Instructions To Apply An Exception				•	•						•	•
Insignificant Extra-Solution Activity	•			•	•		•				•	
Field of Use and Technological Environment						•						
Well-Understood, Routine, Conventional (WURC) Activity (Step 2B only) †	•			•	•	•	•			•	•	•
No additional elements, so no Prong Two or Step 2B analysis						•	•					

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All Examples: Issue Spotting	Relocation of Icons on GUI	Simulating an Analog Audio Mixer	Facial Recognition	Network Traffic Monitoring	Cryptographic Communications	Medical Record Updates	Treating Kidney Disease	Denveric Acid	Controller for Injection Mold	Livestock Management
Example Number	37	38	39	40	41	42	43	44	45	46
Claim Type aka Statutory Category										
Process	•	•	•	•	•	•	•			•
Product (Composition of Matter, Manufacture, and/or Machine)								•	•	•
Judicial Exception										
Abstract Idea	•			•	•	•	•		•	•
Law of Nature							•		•	
Product of Nature								•		
Multiple exceptions in same claim									•	•
No recited exception		•	•				•	•		•
Detailed Analysis										
Streamlined Analysis										
Step 2A Prong One: Generally *	•	•	•	•	•	•	•	•	•	•
Step 2A Prong One: Markedly Different Characteristics analysis							•	•		
Step 2A Prong Two: Exception Integrated Into A Practical Application **	•			•	•	•	•	•	•	•
Step 2B: Generally	•			•		•	•	•	•	•
Step 2B: Claim is eligible because it provides an Inventive Concept									•	
Considerations Discussed in Step 2A Prong Two and/or Step 2B										
Improvements to Functioning of a Computer or Other Technology	•			•		•			•	
Particular Treatment or Prophylaxis (Prong Two only)							•			•
Particular Machine								•		
Particular Transformation										
Other Meaningful Limitations					•			•	•	•
Mere Instructions To Apply An Exception	•			•		•	•	•	•	•
Insignificant Extra-Solution Activity				•					•	•
Field of Use and Technological Environment									•	•
Well-Understood, Routine, Conventional (WURC) Activity (Step 2B only) †				•	•				•	
No additional elements, so no Prong Two or Step 2B analysis										

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All Examples: Issue Spotting	Training a Neural Network to Predict Anomalies	Speech Separation	Fibrosis Treatment
Example Number	47	48	49
Claim Type aka Statutory Category			
Process	•	•	•
Product (Composition of Matter, Manufacture, and/or Machine)	•	•	
Judicial Exception			
Abstract Idea	•	•	•
Law of Nature			•
Product of Nature			
Multiple exceptions in same claim	•	•	•
No recited exception	•		
Detailed Analysis			
Streamlined Analysis			
Step 2A Prong One: Generally *	•	•	•
Step 2A Prong One: Markedly Different Characteristics analysis			
Step 2A Prong Two: Exception Integrated Into A Practical Application **	•	•	•
Step 2B: Generally	•	•	•
Step 2B: Claim is eligible because it provides an Inventive Concept			
Considerations Discussed in Step 2A Prong Two and/or Step 2B			
Improvements to Functioning of a Computer or Other Technology	•	•	•
Particular Treatment or Prophylaxis (Prong Two only)			•
Particular Machine			
Particular Transformation			
Other Meaningful Limitations			
Mere Instructions To Apply An Exception	•	•	•
Insignificant Extra-Solution Activity	•	•	•
Field of Use and Technological Environment	•	•	•
Well-Understood, Routine, Conventional (WURC) Activity (Step 2B only) †	•	•	•
No additional elements, so no Prong Two or Step 2B analysis			

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Explanatory Notes:

* Examples 1-36 were issued prior to the June 2020 revision to MPEP 2106. For these examples, the Step 2A Prong One analysis in MPEP 2106 will differ from the analysis presented in the issued examples for those claims that were identified as reciting **abstract ideas**. For example, the rationale for why a recited concept is an abstract idea would point to one or more of the abstract idea groupings in MPEP 2106(a)(2) when explaining why the concept is abstract, instead of relying on a direct comparison between a claimed concept and the concepts in one or more judicial decisions. See the “Abstract Idea Examples” chart below for an explanation of how the claim limitations identified as abstract ideas in these examples fall into the abstract idea groupings in MPEP 2106(a)(2).

There has not been a change to the meaning of the term “recite” from how it was used in prior guidance and examples or in terms of how examiners evaluate a claim to determine whether it recites a law of nature, product of nature, or other natural phenomenon. Thus, the Step 2A Prong One analysis in MPEP 2106.04(II)(A)(1) of whether particular claim language is, or is not, **a law of nature, product of nature, or a natural phenomenon** will be the same as the analysis presented in the issued examples.

** For Examples 1-36 (which were issued prior to the June 2020 revision to MPEP 2106), the Step 2A Prong Two analysis can be extrapolated from the existing Step 2B analysis (minus the WURC consideration). Accordingly, some of these examples would now be eligible at Step 2A Prong Two, while others would still proceed to Step 2B. The lists of affected examples are found below.

Examples with claims that are now eligible at Step 2A Prong Two	Examples where result is unchanged but that would require analysis under Step 2A Prong Two
3. Digital image processing 4. Global positioning system 21. Stock quote data (claim 2) 23. GUI for relocating obscured text (claim 4) 25. Rubber manufacturing 29. Julitis (claims 5 and 6)	6. Game of bingo 7. Transaction performance guaranty 8. Distribution of products over the internet 21. Stock quote data (claim 1) 22. GUI for meal planning 23. GUI for relocating obscured text (claims 2 and 3) 24. Updating alarm limits 28. Vaccines (claims 3 and 7) 29. Julitis (claims 2-4) 30. Dietary sweeteners (claim 2) 31. Screening for gene alterations (claims 70 and 80) 35. Verifying a bank customer’s identity to permit an ATM transaction 36. Tracking inventory

† Because Examples 1-36 were issued prior to the June 2020 revision to MPEP 2106, the described conclusion that an additional element (or combination of elements) is well understood, routine, conventional activity may not be supported by one of options (1)-(4) as required by MPEP 2106.07(a)(III).

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Abstract Idea Examples	Digital Image Processing (<i>RCT</i>)	Global Positioning System	Digital Image Processing (<i>Digittech</i>)	Game of Bingo	E-Commerce transactions	Distribution of Products over the Internet	Transmission of Stock Quote Alerts	GUI for Meal Planning	GUI for Relocating Obscured Text	Updating Alarm Limits	Rubber Manufacturing	Diagnosing and Treating Juitis	Screening of Gene Alterations	Filtering Internet Content	ATM Transactions	Tracking Inventory	Relocation of Icons on GUI	Network Traffic Monitoring	Cryptographic Communications	Medical Record Updates	Treating Kidney Disease	Controller for Injection Mold	Livestock Management
Example Number	3	4	5	6	7	8	21	22	23	24	25	29	31	34	35	36	37	40	41	42	43	45	46
Mathematical Concepts																							
Mathematical relationships	•		•								•											•	
Mathematical formulas or equations										•	•								•				
Mathematical calculations		•							•	•	•										•	•	
Mental Process																							
Concepts performed in the human mind				•			•	•			•	•	•		•	•	•	•			•	•	•
Certain Methods of Organizing Human Activity																							
Fundamental economic principles or practices															•	•							
Commercial or legal interactions					•	•																	
Managing personal behavior or relationships or interactions between people				•										•						•			

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Abstract Idea Examples	Training a Neural Network to Predict Anomalies	Speech Separation	Fibrosis Treatment
Example Number	47	48	49
Mathematical Concepts			
Mathematical relationships			
Mathematical formulas or equations		•	
Mathematical calculations	•	•	•
Mental Process			
Concepts performed in the human mind	•	•	•
Certain Methods of Organizing Human Activity			
Fundamental economic principles or practices			
Commercial or legal interactions			
Managing personal behavior or relationships or interactions between people			

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Examples Discussing Markedly Different Characteristics (MDC) Analysis	Gunpowder & Fireworks	Pomelo Juice	Amazonic Acid	Purified Proteins	Genetically Modified Bacterium	Bacterial Mixtures	Nucleic Acids	Antibodies	Cells	Food	Vaccines	Diagnosing and Treating Juitis	Dietary Sweeteners	Screening of Gene Alterations	Treating Kidney Disease	Denveric Acid
Example Number	9	10	11	12	13	14	15	16	17	18	28	29	30	31	43	44
Nature-Based Product (NBP) Limitation(s)																
Claim recites single NBP Limitation	•	•	•	•	•	•	•	•	•	•	•		•			•
Claim recites an NBP Limitation that is a combination or mixture of multiple components	•	•	•			•			•	•	•		•			•
Claim recites multiple NBP Limitations	•									•		•		•	•	
When to Perform MDC Analysis																
Claim is focused on NBP Limitation(s), so MDC analysis is performed	•	•	•	•	•	•	•	•	•	•	•		•			•
Process claim is not focused on NBP Limitation(s), because general rule in MPEP 2106.04(c)(1)(c) applies. No MDC analysis performed.			•									•		•	•	
Process claim is focused on NBP Limitation(s), because exception to general rule in MPEP 2106.04(c)(1)(c) applies. MDC analysis is performed.		•														
Characteristics Evaluated in MDC analysis																
Chemical or Physical Property	•	•	•	•									•			
Function or Activity			•	•	•	•	•	•	•	•	•					•
Phenotype									•							
Structure or Form			•	•	•		•	•			•		•			