

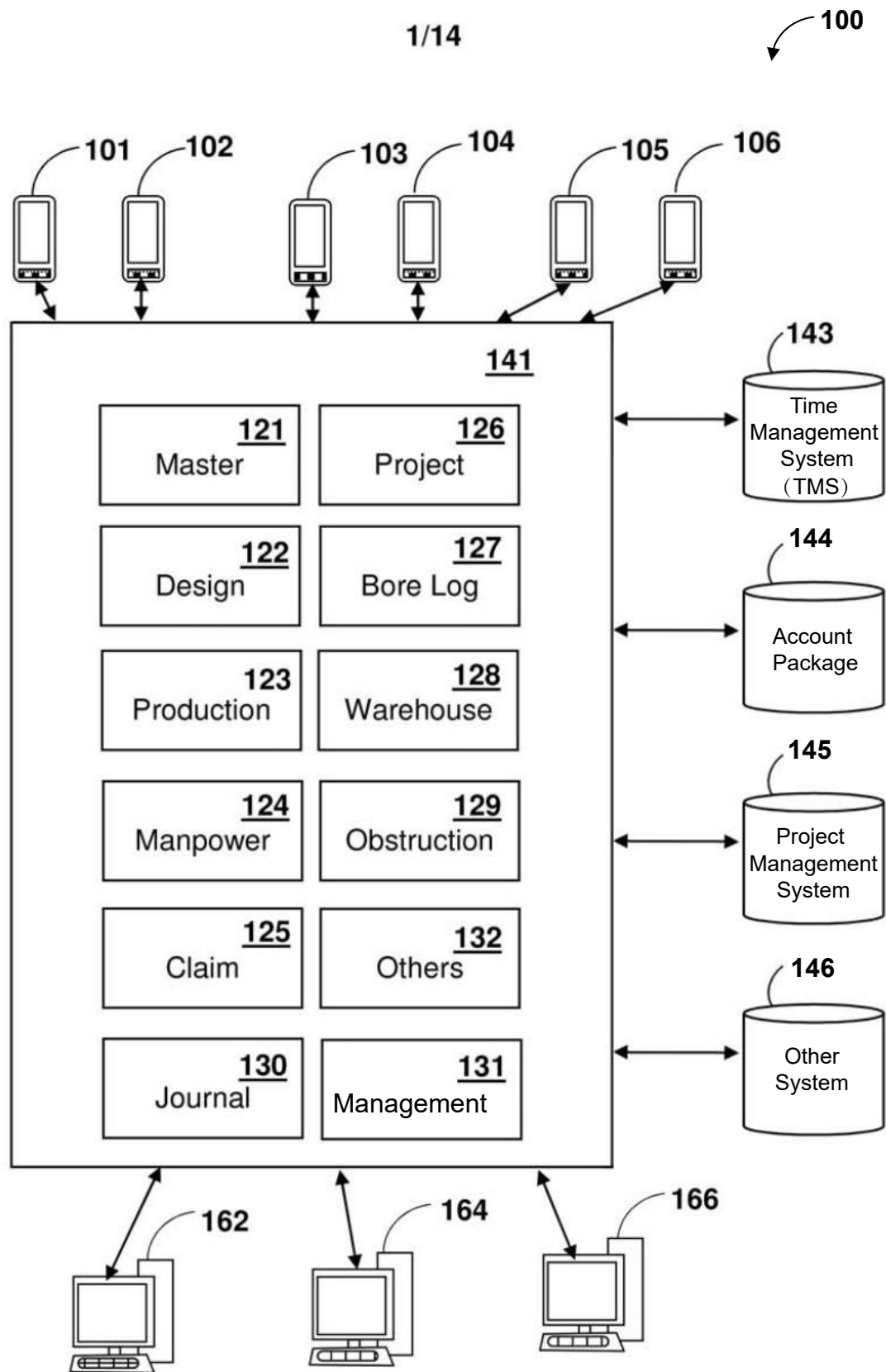


FIG. 1

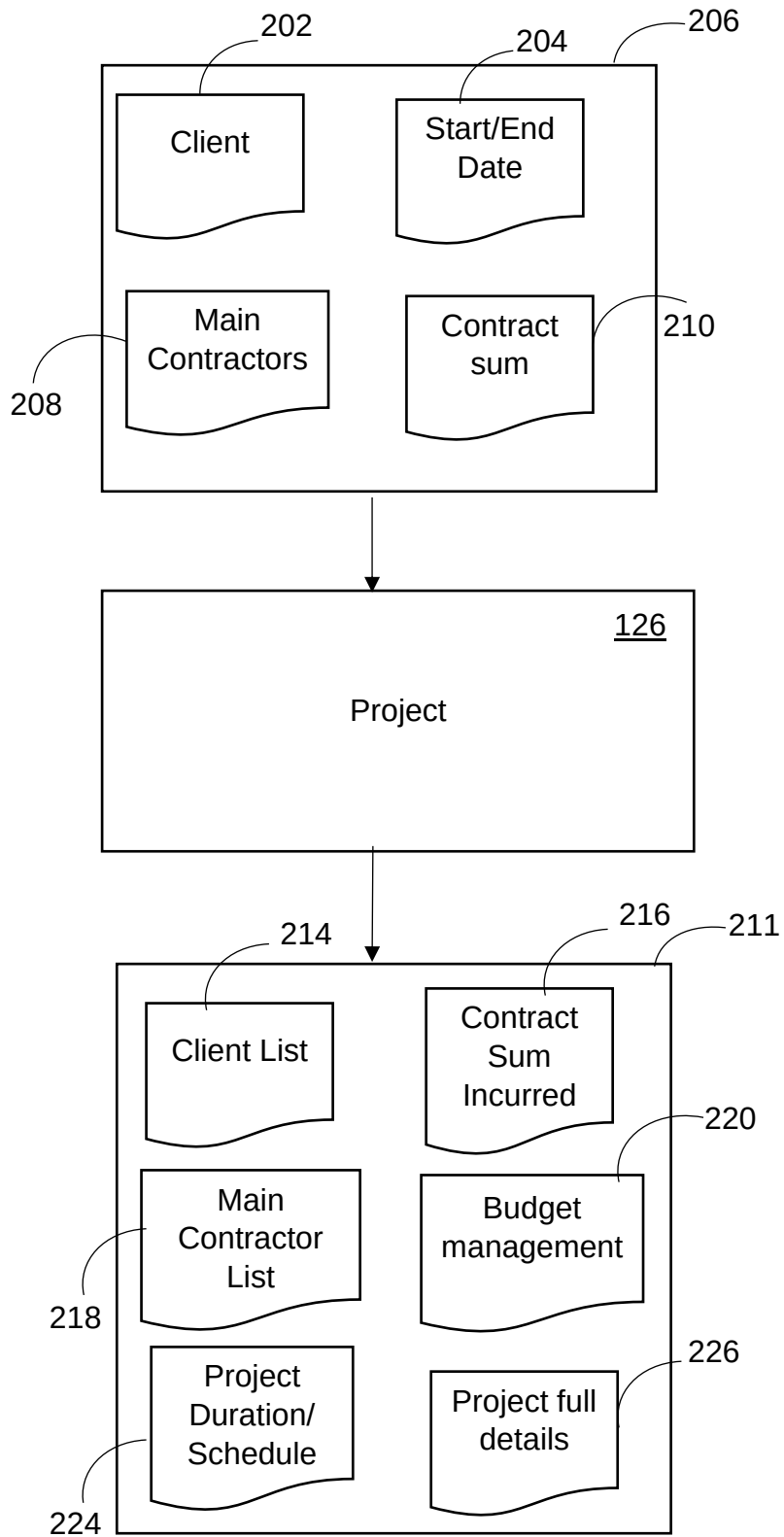


FIG. 2

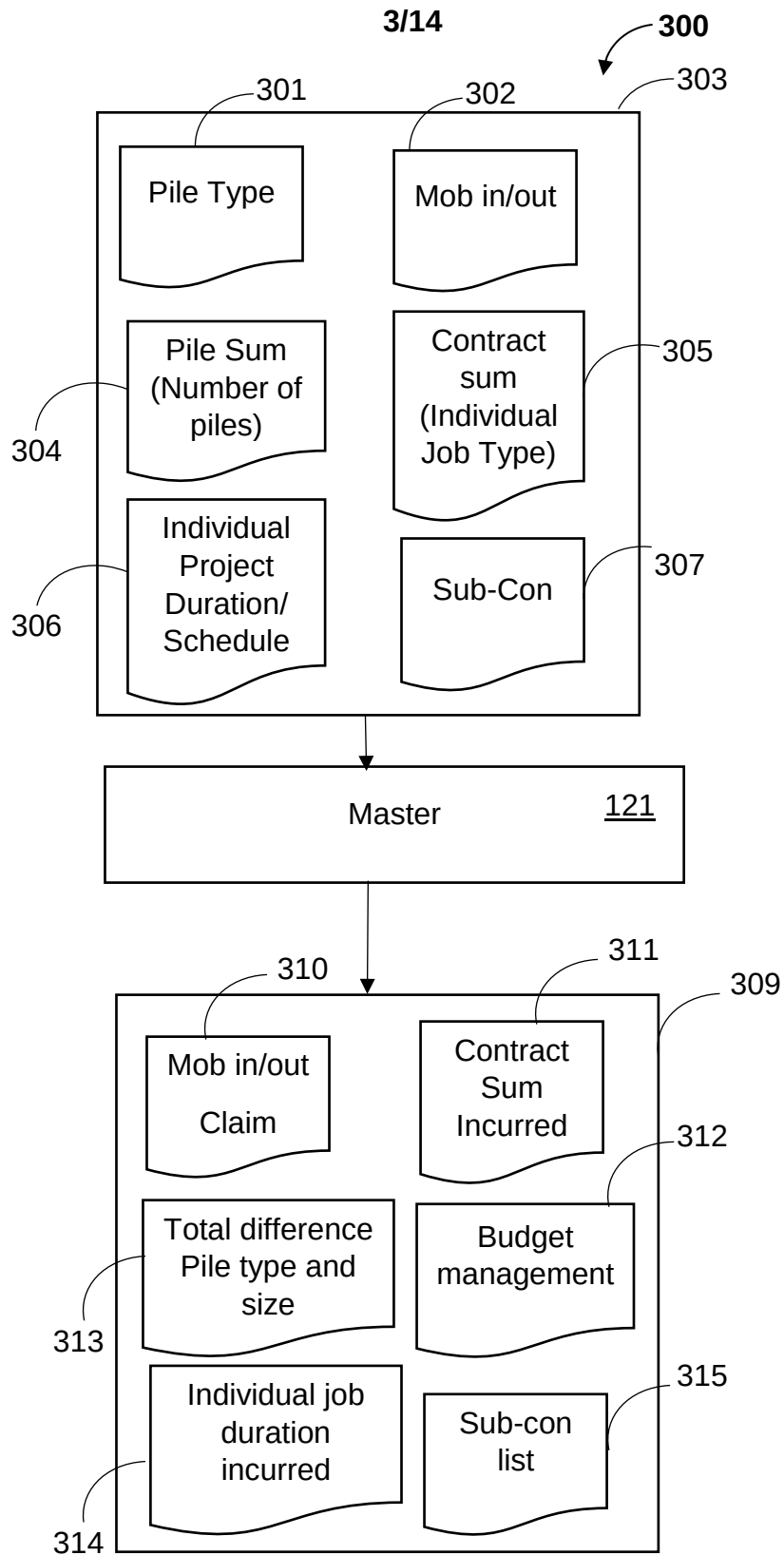


FIG. 3

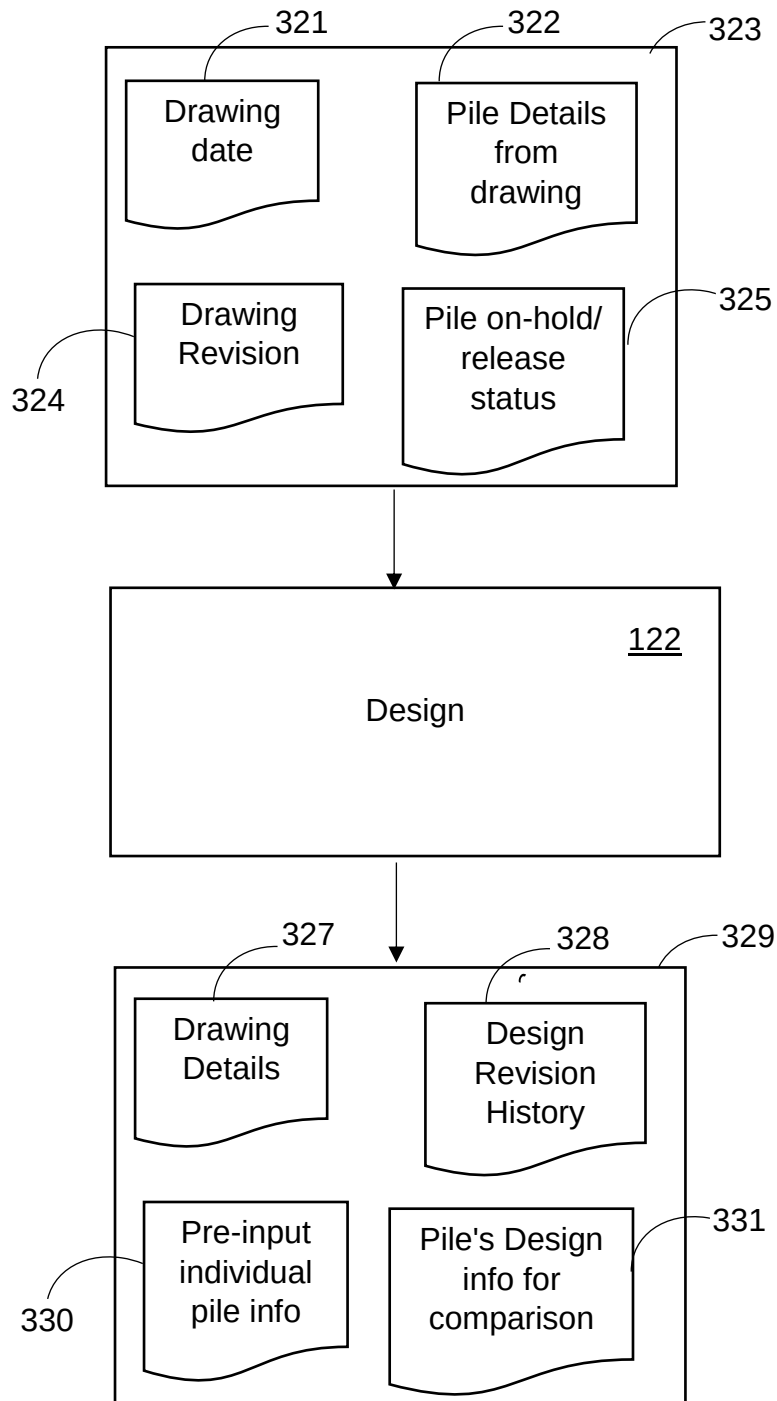


FIG. 4

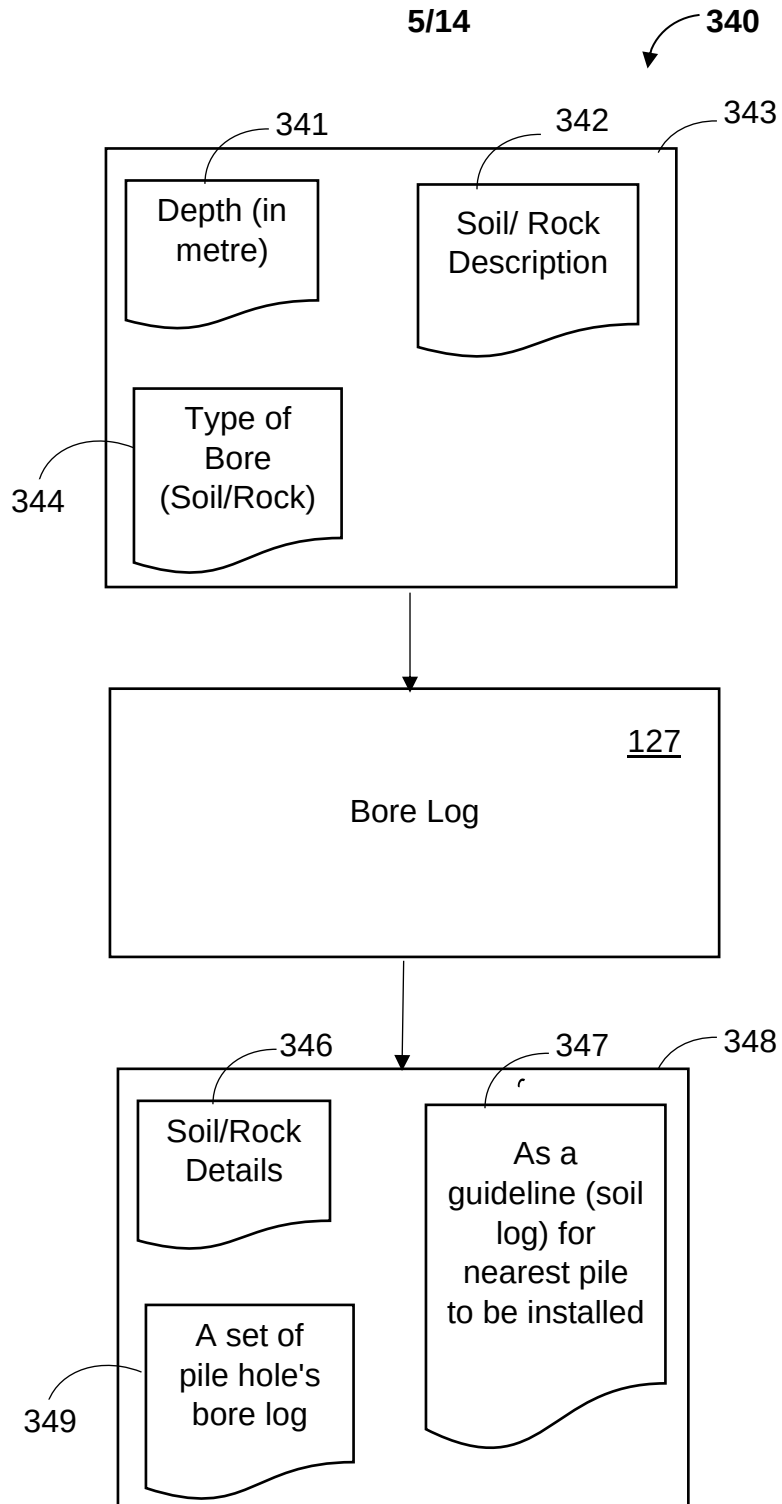


FIG. 5

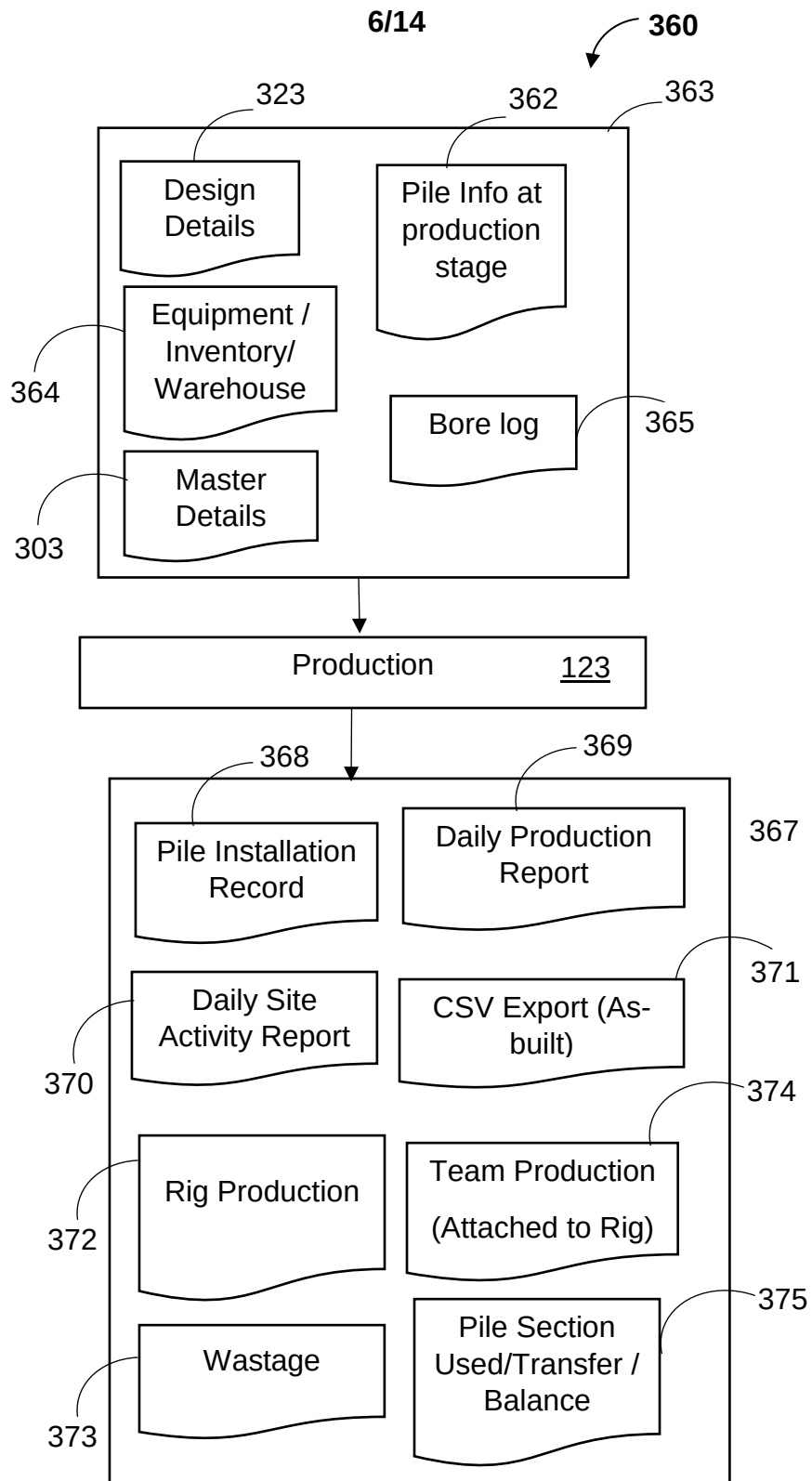


FIG. 6

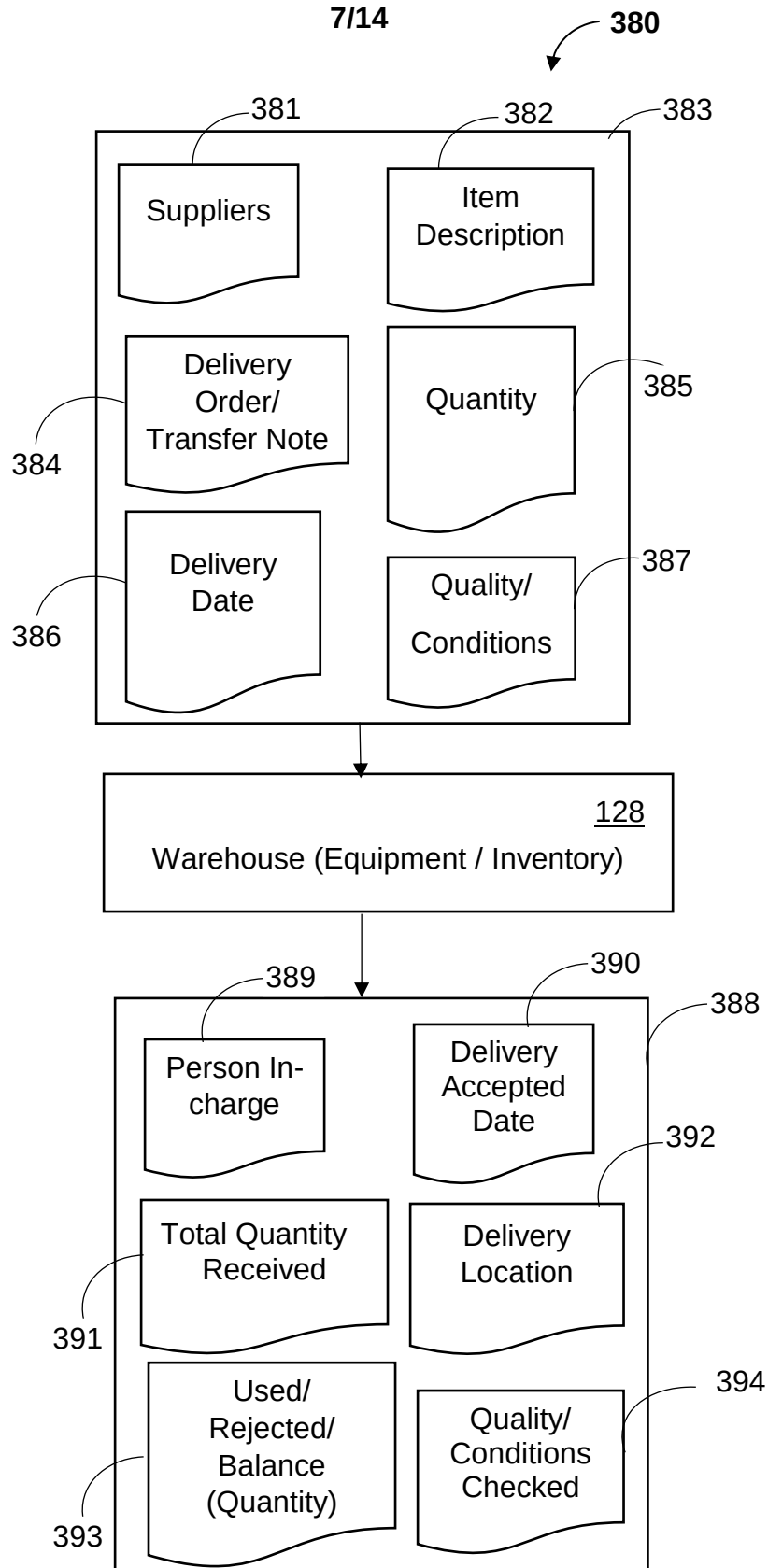


FIG. 7

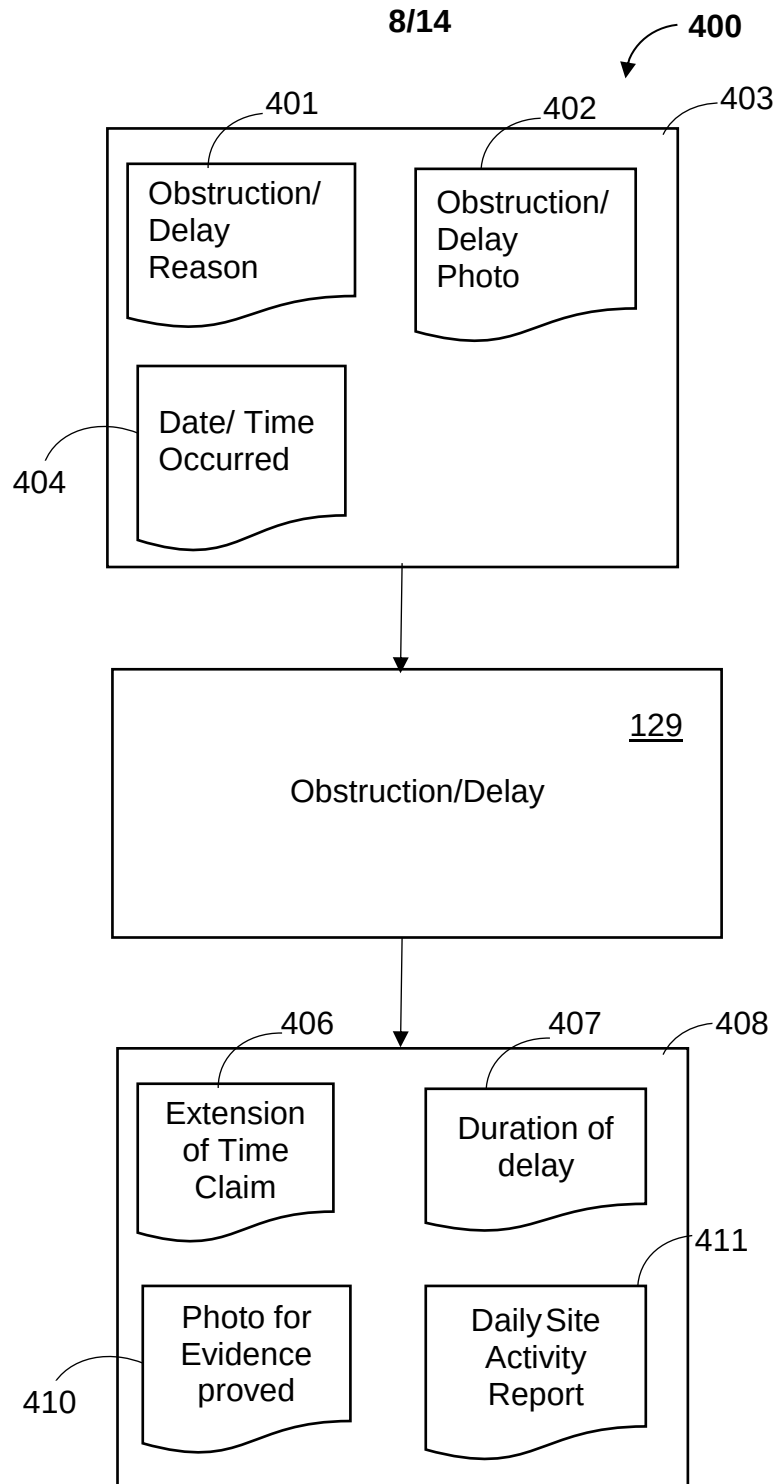


FIG. 8

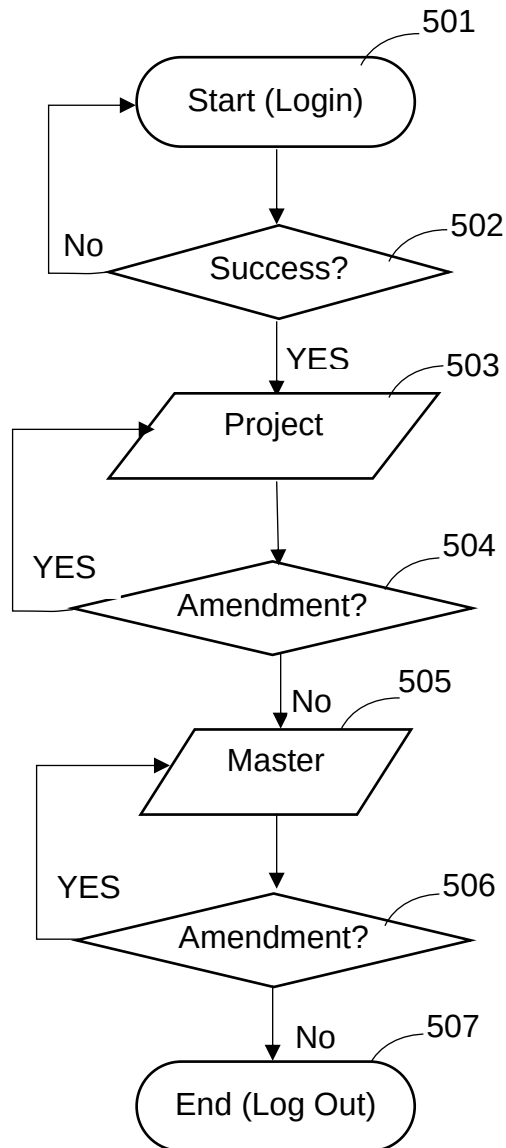


FIG. 9

10/14

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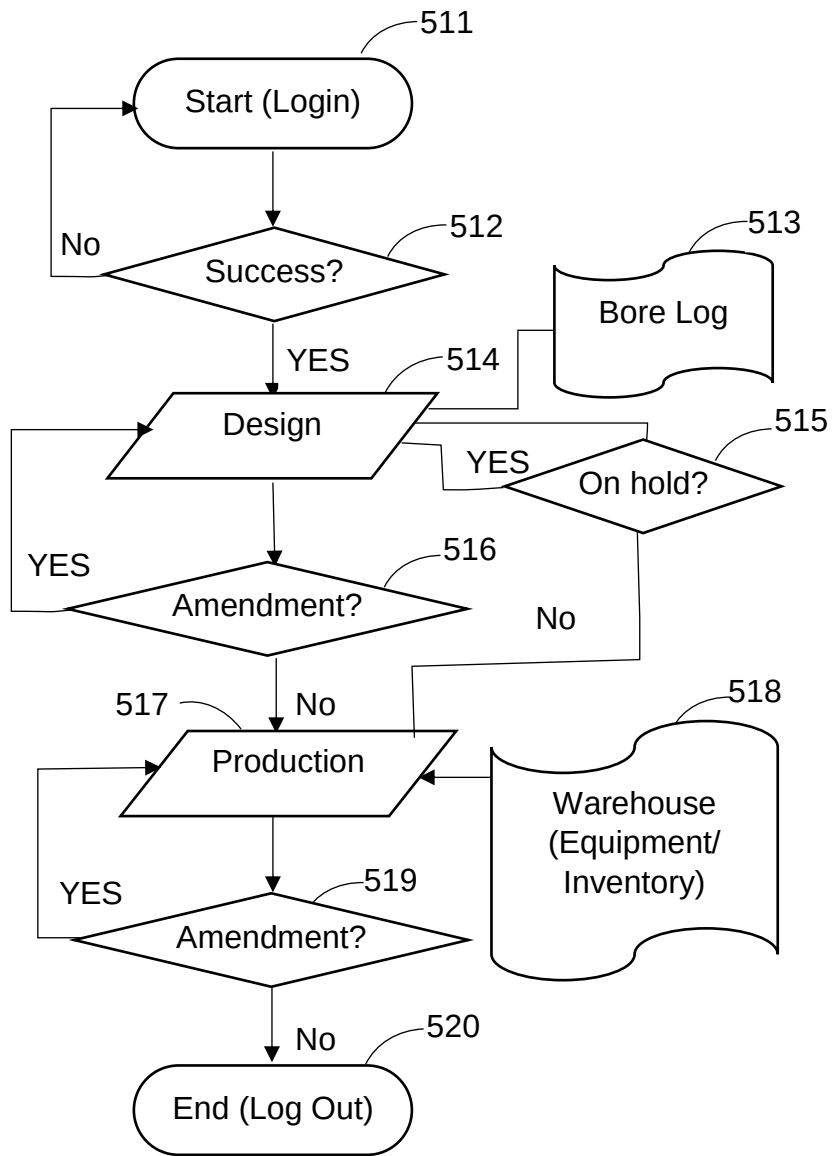


FIG. 10

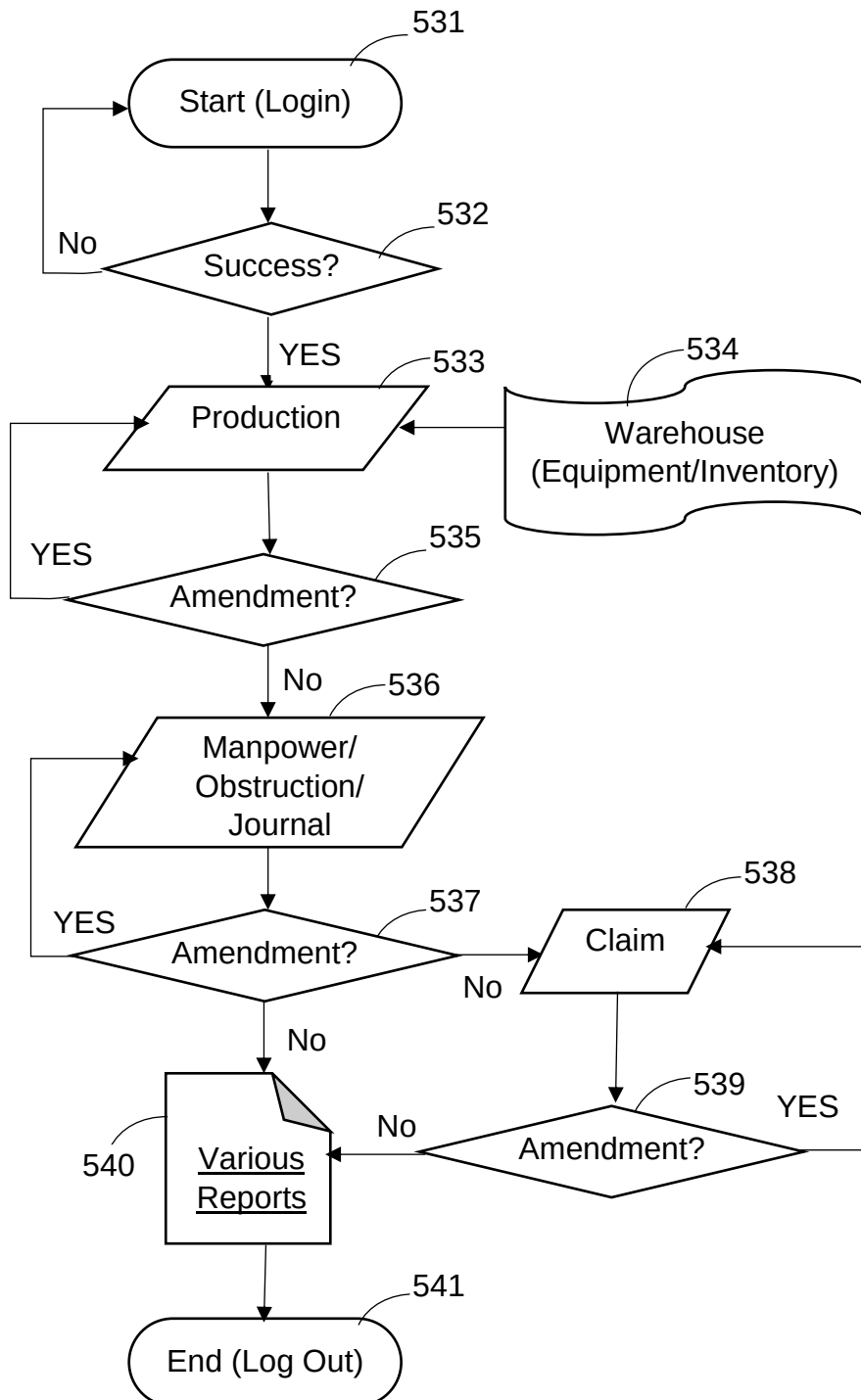


FIG. 11

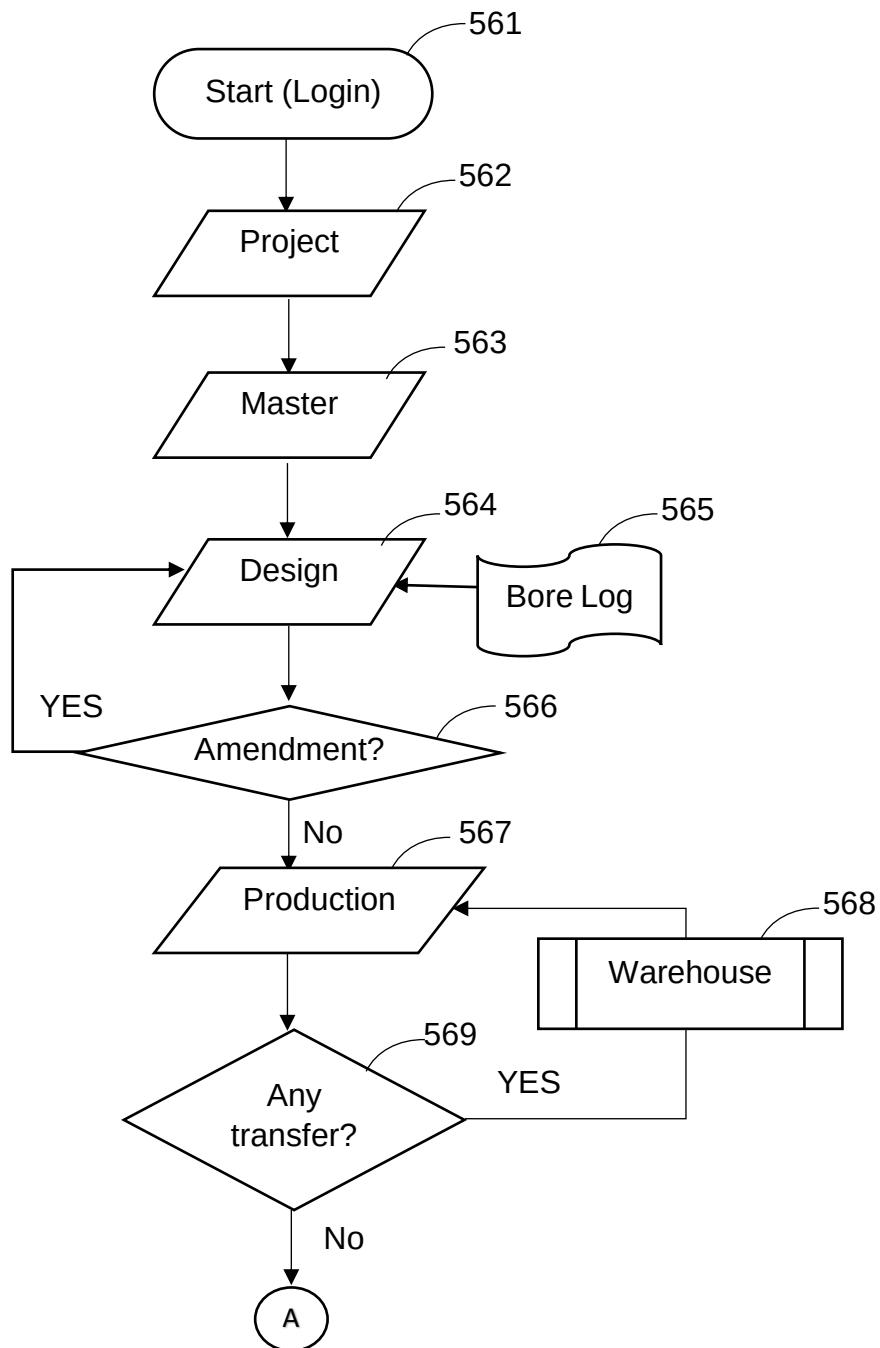


FIG. 12A

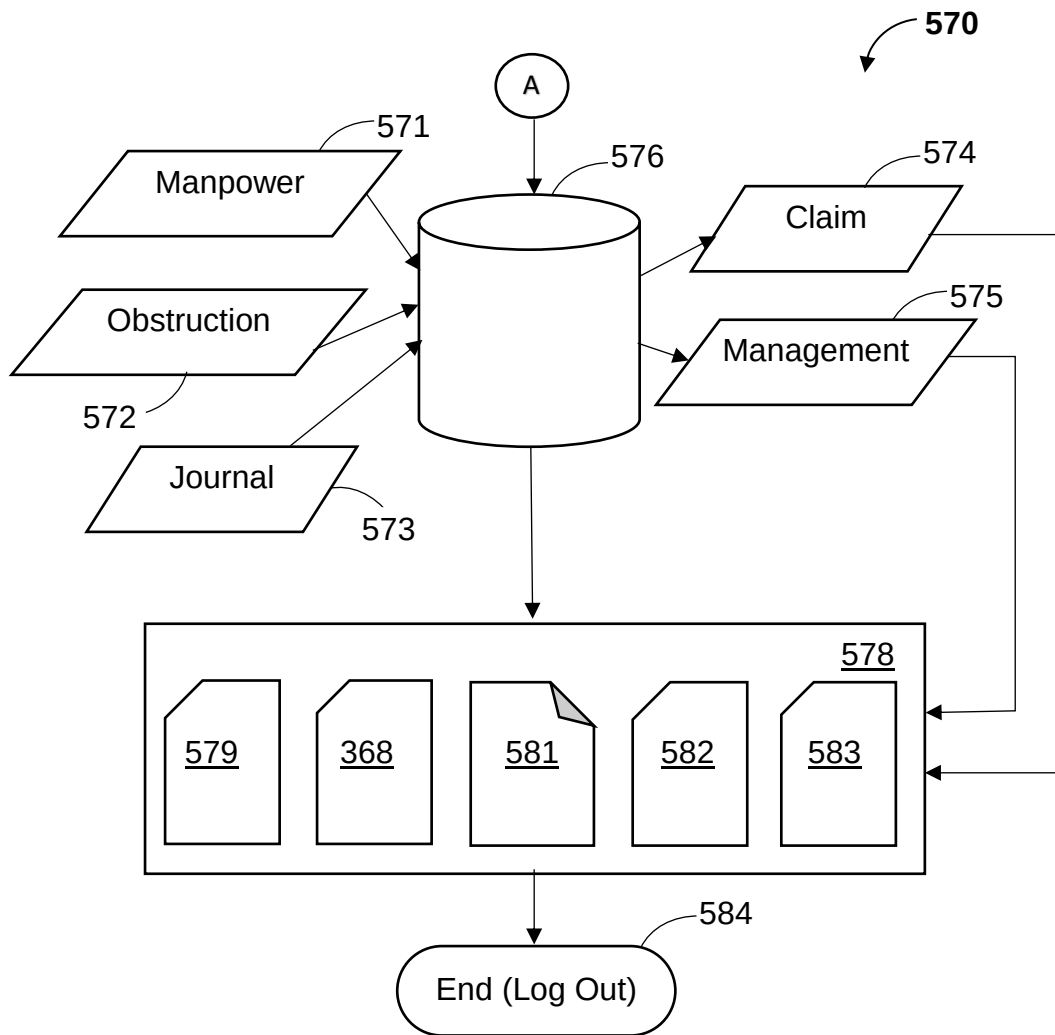
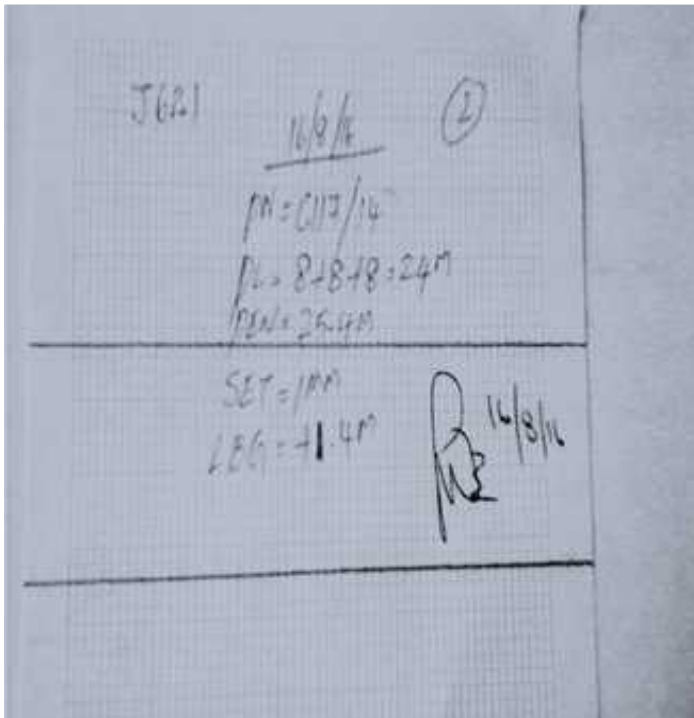


FIG. 12B

Jack-in Piling Record :: JR0116C Tampines North Drive 1

Completion Date/Time:	16/08/2016 12:25
Start Date/Time:	16/08/2016 11:25
Rig No.:	CSCG-J621
Pile No.:	C117/14
Zone/Block:	ZONE 2
Pile Group:	C117
Design Penetration Length (m):	30.0
Pile Size:	400mm
Pile Type:	RC PILE
Welding Method:	SMAW
Status:	Approved (Claimable)
Type of Test:	

Pile Length (m):	8+8+8
Total Length (m):	24.0
Above(-) / Below(+) G.L (m):	1.4
Penetration (m):	25.4
A.G.L (RL) (m):	110.492
Cut Off Level (RL) (m):	103.4
Toe Level (m):	85.092
Pile Length from COL (m):	18.308
Jack-In Force (tonne):	402.0
Final Set (mm):	1.0
Joints:	2
Remarks:	



Penetration Under Maximum Jacking Force

Penetration Depth (m)	Jacking Force (tonne)	Remarks
1	13.0	
2	13.0	
3	13.0	
4	25.0	
5	25.0	
6	65.0	
7	65.0	
8	85.0	
9	85.0	
10	110.0	
11	110.0	
12	125.0	
13	125.0	
14	142.0	
15	142.0	
16	175.0	
17	175.0	
18	210.0	
19	210.0	
20	225.0	

Penetration Depth (m)	Jacking Force (tonne)	Remarks
21	250.0	
22	310.0	
23	330.0	
24	394.0	
25	402.0	25.4
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

CS Construction & Geotechnic Pte. Ltd.
Representative

Main Contractor Representative

RE / RTO Representative

Name & Signature

Date: _____

Name & Signature

Date: _____

Name & Signature

Date: _____

FIG. 13