

Geodrain SPD Method Patent List

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Registration number	Invention name	Summary
Patent No.6476053 (2019/2/8)	Soft ground improvement system and soft ground improvement method	Ground improvement system that directly connects horizontal drain and water collection pipe in the sheet-type vacuum consolidation method, and uses a connection member that suppresses the pressure drop at the connection.
Patent No.5656685 (2014/12/5)	Soft ground improvement equipment and branch pipes	In the vacuum consolidation method, an improvement device that aims to create a high vacuum by separating air and water from the improvement end using two-stage piping.
Patent No.4510852 (2010/5/14)	Sheet burial equipment and sheet burial method	Sheet burying equipment and burying method for airtight sheets in a simple and economical manner.
Patent No.4255419 (2009/2/6)	Ground improvement equipment	In the sheet-type vacuum consolidation method, the improvement device has multiple negative pressure supply points and negative pressure collection points connected to them, and the negative pressure supply points have boxes and pipes into which horizontal drain can be inserted.
Patent No.3989267 (2007/7/27)	Ground improvement method	A method to improve the entire area uniformly by dividing the improvement area into the periphery and the center and installing multiple drainage channels.