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Claude says that each cubic foot of water will furnish 17 pounds of steam and that it is feasible to build an engine using 35,000 cubic feet of water per second. Such an engine he says, would furnish 300,000 horsepower.

The cost of such plants would be about equal to the cost of modern hydro-electric power plants, with their dams, etc.

Is Famous Inventor

This plan for getting unlimited power from the sea a plan that sounds almost like perpetual motion is only one of many intricate problems Claude has applied himself to in his busy career. In his boyhood the remarkable fictional inventions of Jules Verne captivated him and as a man he has sought to match these imaginative inventions with real ones. He has succeeded so well that today there is more than $1,000,000,000 invested in his inventions, $60,000,000 of which is American capital.

The government's enormous accumulation of nitrogen apparatus at Muscle Shoals, Ala., is based on a process he devised. Nearly every big chemical plant in the world is indebted to him for some method now in daily use.

It was Claude who learned how to get neon gas from the air and who showed what could be

Developed Acetylene Gas

It was he who changed acetylene gas from a costly laboratory curiosity to a cheap commercial product and thus brought on acetylene welding.

Claude is also famous for having devised a process for the synthetic manufacture of ammonia. Incidentally, the transatlantic telephone and the telephoto process by which pictures are transmitted to this newspaper by wire use neon tubes as an integral part of their machinery.

During the World War Claude was busy in the service of the French government. He mixed liquid oxygen with lampblack to produce a powerful explosive. It was so dangerous that its use was not allowed, but Claude enlisted and used such bombs himself. He perfected a device by which airplane observers could locate enemy batteries through sound waves. He was able to liquefy chlorine gas for the manufacture of poisonous gas shells. These feats won him the order of the Legion of Honor.

His plan for generating power from sea water, however, may prove more revolutionary than all the rest of his discoveries. Places like Cuba and Florida might become industrial centers if his idea turns out to be as practical as he believes it will.

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Arthur L. Fellows, 47, and Emma Shubin, 29, both of San Francisco.

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