

patterns which they have devised, The company calls itself the Newark & Yukon Dredging and Mining Company. Several days ago the president, F. C. Dey, of 124 Summer avenue, Newark, left for Seattle, where he is to arrange for the transportation of the entire party and the machinery from there to St. Michael. It is proposed to go from Seattle about the middle of May. President Dey will procure the necessary lumber for the boat at Seattle, but the machinery he took with him. It fills a car.

The boat is to be a catamaran. It will be 70 feet long, and the total width from the outer gunwale of one boat to the outer gunwale of the other will be about 25 feet. The craft will draw only 2½ feet of water. There will be a big stern wheel, and the same power which turns this wheel will also be used to run the dredging machinery. Near the bow of the boat will be a derrick and attached to one arm of the derrick will be an endless chain of buckets. The derrick arm may be thrust into the water to a depth of 28 feet.

On the twin boats of the catamaran will rest a house in which the members of the party will live. Over the deckhouse will be a trough about seventy feet long, and as the buckets on the endless chain rise they will dump the earth they contain into the trough. The trough will have a slant aft, and water will be poured into it near the bow by means of a pump worked by steam. Along the bottom of the trough will be tacked small strips to catch the gold.

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