Get quick relief, inexpensively, from sluggishness and over-indulgence. See "Nature's Assistant" whose ad appears under class. 32.

'Washing Machine' to Sift Out Gold (If Any) From Indiana Glacial Sand

MONROVIA, Ind. (U.P.) — A very strange "contraption" on the banks of Sycamore creek in Morgan county, Ind., may pay out the jackpot to a group of Indianapolis men.

It is a newly developed sluice that engineers say will profitably wash gold from the glacial subsoil. The Morgan county subsoil is known to contain gold in small quantities, and the engineers believe that their washing machine will wash enough dirt daily to make a profit.

The sluice was developed by King C. Bard, a Grand Rapids, Mich., mining engineer, and Fred P. Leaming, a Purdue University mechanical engineering graduate.

They have experimented for more than a year in the Morgan county hills, and believe that every 3,000 pounds of subsoil contains about 40 cents in gold.

Their concern has leased approximately 3,000 acres in the county and intend to exploit the subsoil. They refuse to sell stock in the project, and Bard says that if additional money is needed, the men who provided the experimental capital will provide the balance.

Their experiments show that the sluice will easily wash 1,500 yards, or 4,500,000 pounds of subsoil, daily. They calculate that the gold retrieved would be worth $600. They believe that the sluice can be speeded up to handle 3,000 yards daily and thus increase the profit.

Bard's and Leaming's calculations do not include the possibility of finding nuggets or diamonds, also known to be in the glacial subsoil.

In operation of the sluice the top soil is removed and the subsoil carried to the sluice in trucks. It is moved to the top of a tower by a continuous belt and washed through screens by water piped from the rock bed of Sycamore creek.

Rocks are thrown to one side and black sand, gold, mud and quicksand washed over a 100-foot specially designed sluice. The water carries the mud at a 25-mile an hour speed.

Will Move Around

The gold particles, black sand containing gold ore, precious stones and small pebbles drop to a grid and are forced into traps at one side of the sluice. The trap contents are then placed in a barrel containing mercury.

Gold is absorbed by the mercury, and the amalgam taken to an Indianapolis refinery. There the mercury is evaporated and the gold remains. The mercury is taken back to the sluice to be used again.

Bard says that operations, if they prove successful, will be continued in Morgan county for five or six years, and then the sluice will be moved to other glacial deposits.

Lynn Hale Now Recovering from Grid Injury

Lynn Hale of the U. C. L. A., football squad, is now at the home of his mother, Mrs. A. E. Mehler of 246th Place.

Hale has been in the hospital because of a leg injury but hopes to be able to return to school soon.

People and what they are doing

Mr. and Mrs. W. H. Morton motored to Santa Ana Sunday to celebrate Mr. Morton's birthday anniversary. They spent the day visiting friends there.

The **Misses Laurella** and **Jean Lancaster** attended the football classic in the Los Angeles Coliseum last Saturday afternoon when U.S.C. played Stanford.

Mr. and Mrs. W. A. Barnett of 2007 Andreo, motored their son, **Bill,** to Death Valley last week to return him to the C. C. C. camp there.

Mrs. Ruth Lowry, who has been in a Hermosa beach hospital recuperating from a recent operation, was removed to her home here this week.

Mr. and Mrs. Lee Frodsham are now located in their new home at 709 Sartori, and after Saturday night will be home to their friends at their new address.

James J. O'Toole of 1225 Madrid, and son **Bobby** left Wednesday morning on a business trip to Sacramento.

Mrs. Joe MacDonald was removed last week from her home at 1420 Acacia to a Los Angeles Hospital where she will soon undergo an operation.

Mrs. J. S. Lancaster of 1503 Post avenue, who has been confined at Torrance Memorial Hospital since last Wednesday night following an emergency appendectomy, is recuperating, and will probably be removed to her home the first of the week, according to hospital reports.

Shirley Marlene Schooley, four-year-old daughter of **Mr. and Mrs. Homer Schooley,** is recuperating from a broken elbow suffered Hallowe'en night when she fell from the porch of her parents' home at 2517 El Dorado. Her arm will probably be in a sling until Christmas.

The Misses Laurella and Jean Lancaster were among the many enthusiastic rooters at the Los Angeles Coliseum Saturday afternoon to see U. S. C., Stanford game.

Mr. and Mrs. Dean L. Sears and daughter, **Marian,** of 1428 El Prado, motored to Banning to be the week-end guests of Mrs. Sears' parents, Mr. and Mrs. G. W. Shaw of that city.

Harry G. Banks Jr., son of **Rev. and Mrs. Harry G. Banks** of 1620 Manuel avenue, is at home this week recuperating from a severe attack of poison oak he contracted while hiking in the hills back of Pasadena last week with a group of men from the Y. M. C. A.

The **L. B. Habermans** are now at home to their friends at their new address, 1618 Cedar avenue.

Kenneth Fess, a student at University of California at Berkeley, motored south to spend the week-end with his parents, **Mr. and Mrs. J. H. Fess,** following his initiation last week into a chemistry engineers' fraternity.

Mr. and Mrs. John H. Ritchie entertained Mr. and Mrs. Billy Thompson of Burbank, and George Gibson and Margaret Joslin of Hollywood at a dinner and theater party Sunday evening.

Mr. and Mrs. J. H. Fess enjoyed a short informal visit last week at the El Monte home of Mrs. Fess' brother and sister-in-law, Mr. and Mrs. Guy Shugg.

W. A. Peterson and family are now at home in their new residence at 819 Beech. Formerly their residence was 1618 Cedar avenue.

Schools May Accept Gifts of Bibles

Any school district in the county may accept a gift of King James version of the Bible and place it on the reference shelf of the classrooms, according to an opinion written this week by County Counsel J. H. O'Connor for the Temple school district.

Offer of the gift of several Bibles has been made by the Gideon Society, school officials stated. Before accepting it, however, they wished to know whether they would be required to accept publications of certain religious faiths.

Daughter Expected to File Insanity Charge on Father

Shortly after Jesse Marsh, 63, of Hermosa Beach was arrested at Martina and Carson streets yesterday afternoon and charged with intoxication and indecent exposure, his daughter, Mrs. R. R. Howard of that city appeared at the police station and reported that she intended to file an insanity complaint against him.

Marsh is being held in the city jail pending outcome of this proceeding in the Superior Court.

Woman Believed To Be 118

KLERKSDORP, South Africa (U.P.)—A woman who is believed to have been born in 1820 is living here. She is Mrs. Annie Murphy. Until recently she showed no particular signs of her great age, but now she often sleeps for 36 hours.